					Solution Type (SOR)								Internal Compliance	ROB Criticality	
ID.	Type	Outline Numbe	or Title	Description	Solution Type (SOB)	Supplier	Product	Product Release	Base SOB	WBS Number	Functionality	Feature	Internal Compliance	ROB Criticality	Solution Category
SP7_New-2873	Heading	CD7 Mess.	FS-DE-EN						No						
	-	SP7_New- 2873							-						
SP7 New-32944 SP7 New-3958 SP7 New-32945	Heading SOB	1	Introduction	0's monthly saving is: 0 SP7_New-32945's monthly saving is: 0					No						
SP7_New-3958	SOB	1-1		SP7_New-32945's monthly saving is: 0					No	20-04-11			Compliant - STD	1 - Low	STD
SP7_New-32955	Heading Heading	2 1	GIS Data Import Management Functional Overview						No.						
SP7_New-3974	SOB	2.1-1		GIS Data Import Management (GDIM) enables a Geographic Information System (GIS) to be a					No	20-04-12	Functional Overview		Compliant - STD	1 - Low	STD
				source—or the source master—for some data in a Spectrum Power™ 7 (SP7) system.											
				created in a GIS environment into the Information Model Manager (IMM), the SP7 Engineering											
				System: It is a part of a chain that supports the activation in Spectrum Power runtime databases that support Distribution Management System (DMS) functions.											
				GDIM supports a GIS import with an IMM-maintained High Voltage (HV) network model for a											
				GDIM supports the following modes of import:											
				* GIS initial import (bulk import) This import mode performs a transfer of GDIM data to IMM. All existing data that was imported.											
				previously is overwritten. Previously imported data into IMM that no longer exists in GDIM will											
				SIG Data Import Management (DCIM) enables a Grographic information System (DCIS) to be a counter—or the source master—for some data in a Specium Power? (FGPT) system (DCIS) to be a counter—or the source master—for come data in a Specium Power? (FGPT) power and counter or the source master—for the territorian bodies Manage (Molt, 697 PE) Engines received in a CIS environment into the territorian bodies Manage (Molt, 697 PE) general yoursen. It is part of a Chain that supports the accessor in Specium Power unitere databases CISM supports a Bott proof when a MMA anticipant of High Visions (PM) environment distribution of CISM supports a Bott proof when a MMA anticipant of High Visions (PM) and CISM supports the bottoms produce of Import. CISM state (PM) is increasing the proof of Import. CISM state (PM) is increasing the proof of Import. CISM state (PM) is increasing the proof of Import. CISM state (PM) is committed. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. CISM state (PM) is committed in the CISM state of Import. AMM charge detection checks for consistency between domain objects in CISM and MMM.											
				GDIM supports the self-contained incremental import. It determines the differences between											
				two complete GIS data sets and updates the SP7 database accordingly by the addition, deletion or modification of objects.	1										
				* GIS delta import											
				files describe the increments.											
				* GDIM IMM change detection IMM change detection checks for consistency between domain-objects in GDIM and IMM.											
SP7_New-32967	Heading	2.1.1	Functional Blocks of GDIM			1			No						
SP7_New-32970	SOB	2.1.1-1							Yes	20-04-12	Functional Overview	Functional Blocks of GDIM	Compliant - STD	1 - Low	STD
SP7_New-32968	Heading SOR	2.1.2	Workflow Overview of GDIM	0's monthly saving is: 0					No	20-04-12			Compliant - STD	1 - Low	CTO.
SP/_NEW-32971	aUB	2.1.2-1		os montny saving is: 0	1			1	resi	20-04-12	runctional Overview	Workflow Overview of GDIM	Compliant - STD	1 - row	PID I
	1	1			1					1					
	1	1			1	1		1	1	I	l				1
	1				1			1	1	I					
	1				1			1	1	I					
	1				1			1	1	I					
	1				1			1	1	I					
	1				1			1	1	I					1
SP7_New-32969	Heading	2.1.3	GDIM User Interface and Workflow						No						
SP7_New-32969 SP7_New-32972	Heading SOB	2.1.3-1							Yes	20-04-12	Functional Overview	GDIM User Interface and	Compliant - STD	1 - Low	STD
SP7_New-32956	Heading	2.2	GIS Data Extraction						No			workidW			
SP7_New-32956 SP7_New-3981	SOB	2.2-1		The focus of the data extraction and import is to extract the CIIS data from the CIIS course pystems and use the retirement data to create the retevant extractors in the extracted dataset. It is a second of the course of the c					Yes	20-04-12	GIS Data Extraction		Compliant - STD	1 - Low	STD
	1			systems and use the retrieved data to create the relevant instances in the extracted dataset, which contains a GIS vendor independent representation of the GIS data as required by GDIM.	1			1	1	I					
				(mage: 1-img6a659f53f93df26f9da3522a36faf07c_2_en_US_TIFF.jpg)											
				Figure # Functional Blocks of the GIS Data Extraction The GIS data extraction offers a modular architecture consisting of:											
				* Translation engine											
				By having these three parts within the extraction module, the tasks within are separated into											
				GIS specific and general tasks. The GIS data must be provided by the customer according to											
				updating the objects to the target dataset tasks are part of the translation engine. The source											
				GIS are transparent at this point in the process.											
				The extracted GIS data in the extracted dataset is stored using predefined Oracle tables. When											
				writing objects to the extracted dataset, the translation engine performs formal data validation											
				The extracted dataset contains the data which was extracted from the GIS source systems.											
SP7 New-32973	Heading	221	GIS Data Sources						Mo						
SP7_New-32973 SP7_New-32976	SOB	2.2.1-1		A GIS can utilize multiple sources of data. Each of these sources may need to be considered by					Yes	20-04-12	GIS Data Extraction	GIS Data Sources	Compliant - STD	1 - Low	STD
				GDIM. To absorb the GIS-centric datatypes and formats, the various GDIM is designed to											
				translation engine drives the relevant data into the extracted data set.											
				The following are the scenarios for GIS data sources: * Signle source system											
				Data for all the types are sourced from a single source GIS or format (GIS).											
				Only static geometric data and symbology definitions are provided.											
				* Geometric data is provided with a different granularity from the base object, electrical, and											
				Connectivity data (for example, multiple DXF are provided). Granularity of graphic data might be on:											
				* Entire network level											
				* Substation level											
				* Feeder level, and so on. * All data must come from one GIS source system.											
	1	1		A CITS can utilize multiple sources of data. Each of these sources may meed to be consistered by contain special processing and fundamental processing special special processing special proc	1					1					
									1						
SP7_New-32974 SP7_New-32977	Heading SOB	2.2.2	GIS Translation Engine	The translation applies governs the extraction propers. The translation arrive is a second					No Var	20-04-12	GIS Data Extraction	GIS Translation Engine	Compliant - STD	1 - I ow	STD
21.7. NEW-32777	500	4.2.2.1		mapping engine which translates the data types (for objects, attributes, and values) of the GIS	1				1.2	20-04-12	O-D CARA EXPACION	OI HAISMUUI EIIGINE	Composition 21D	a - Low	J
	1	1		of concern to the data types of the extracted dataset. This generic mapping engine is driven by	J					1					
	1	1		to the corresponding extracted dataset data using the specified extraction mapping. It then	1					1					
	1			writes this mapped data to the extracted dataset. The translation engine manages the interaction between the various extraction components. If	1			1	1	I					1
	1			functions as an interface between the GDIM extracted dataset and the GIS. It receives the data	1			1	1	I					
	1	1		Intermediate data model of the extracted dataset.	1					1					
	1	1		Based on directives in the mapping file, the engine does the following: * Translates the GIS data to the corresponding extracted dataset data union the type-translation.	1					1					
	1			The hardstation engine governs the extractor process. The translation engine is a general mapping engine which hardstate the data types (be de)ects, sufficient, and values) of the CLS consequence of the control of th	1			1	1	I					1
	1			writes the processed data to the extracted dataset. The extracted dataset is the same regardless of the data model in the GIS.	1			1	1	I					1
	1			A CONTRACTOR OF THE PARTY OF TH	1			1	1	I					1
CD7 News 2207F	Unantin	222							L.						
SP7_New-32975 SP7_New-32978	Heading SOB	2.2.3.1	DXF Support	GDIM supports the import of static graphics from a DXF file. The supported DXF file format version is AC1024.				+	Yes	20-04-12	GIS Data Extraction	DXF Support	Compliant - STD	1 - Low	STD
	1	1		version is AC1024.	1			1	1."	1					r I
	1			version is AC1024. DXF parser only supports some dxf entities such as LWPOLYLINE, LINE, TEXT, MTEXT, CIRCLE, ARC and there is a limitation on IMM/ODB side according the maximum pointcount of	1			1	1	I					1
	1	1		a polyline.	1	1		1	1	I	l				1
CD7 Nov. 22057	(teasting	2.2	Extracted Dataset						h.,						
SP7_New-32957 SP7_New-3985	Heading SOB	2.3-1	Extraction Databet	The extracted dataset, which is an Oracle database, serves as an intermediate repository of all data that has been extracted from the GIS source systems. If multiple source systems are					Yes	20-04-12	Extracted Dataset		Compliant - STD	1 - Low	STD
	1	1		data that has been extracted from the GIS source systems. If multiple source systems are	1			1	1."	1					r I
-1	1			does that has been extracted from the CIS source systems. If multiple occurs by options are shadows and the company of the CIS source systems are supported to the company of the company	1			1	1	I					1
	1			dataset is a hybrid between a GIS type of database and the engineering IMM database	1			1	1	I					
	1			compatible with any GIS source system that requires to be considered. This is to ensure that	1			1	1	I					1
	1			detection of incremental updates is as straightforward as possible.	1			1	1	I					1
	1			filters are applied.	1			1	1	I					1
	1	1		e-or example, non-electrical entities which are not relevant or useful for DMS purposes may be maintained in the GIS but not extracted to GDIM.	1	1		1	1	I	l				1
	1			The extracted dataset is used for storing the GIS data in the GDIM environment for change	1			1	1	I					
	1			perection and derivation of the subsequent processing. It holds the current state of the GIS objects or network as of the last extraction. If the data extracted from the GIS was not subject to	1			1	1	I					
	1			The extracted dataset may only represent a solute of the original CIS database, especially if limits are applied. If the control of the con	1			1	1	I					1
	1	1		system and extracted dataset models). Even though it functions as an intermediate data	1					1					
	1			repository, the extracted dataset is actually another dataset modeled in IMM. The main information stored in the extracted dataset includes the following:	1			1	1	I					
	1	1		* Domain and connectivity object data stored in tables resembling those used in the CIM-based	1					1					
	1			engineering IMM dataset Geometric data stored in each table	1			1	1	I					
	1	1		* Additional graphic-related attributes	1					1					
	1	1			1					1					
	1	1			1					1					
SP7_New-32958	Heading	2.4	Data Validation						No						

SP7. New-2914	SOB	2.41	EDIA validates the extension of an examinate data. Thus, two separate validations are time in CIDIA. Pallot validation performs object invalidation of performs object invalidations. Thus, the quality of the received data is verified. Thus, the quality of the received data is verified. Thus, the quality of the received data is verified. Consideration of the received by transformation, the resulting retrieval is checkled for consideration. Consideration objects of the received by transformation, the resulting retrieval is checkled for consideration. Consideration objects of the received by transformation objects are subject to the performance objects must be in same bit for this or a Descent of the one-egisted despiration of the complete or consideration objects of the one-egisted despiration of the operation			Yes	20-04-12	Tata Validation	Compliant - STD	1-Low	STD
	Heading SCB	2.5-1	Oil is provides to bit data or Oil Sids and describing the increments. When Oil is provides that data or Oil Sids and describing the increments. When Oil is provided that data contained incremental place called contained and place called contained and place called contained and place called contained and called call			res	20.04-12	Charge Management	Compilant - STD	1-Low	oto C
	Heading SOB		Nan Transformation The roadel transformation received to be processed in the distant of the current vector above the contract of the current vector above the contract of the current vector above the processed of the current vector above the contract vector and the current vector above the current vector above the current vector above the current vector above the current vector and the current vector above the current vector and the current vector above the current vector vector above the current vector			no.	20.04-12	Daia Transformation	Compilent - STD	1 - Low	STO
	Heading SOB	2.7-1	Two cernal concepts that gentlers in the neveral GDM design are as follows: Configuration from: Provide desired, exception in entire cernal control of the cernal ce			NO YYES	20:04-12	Configuration	Compliant - STD	1 - Low	STD
d.7.18.11.47.88		2.8-1	GDM – MM Change Detection The GDM – MM change detection checks the consistency between the GDM and MM data the export from MM. The result of the compare in a list of exportment of the data. Joint MM. The result of the compare in a list of exportment that is mixing a other adia. Joint MM. The result of the compare in a list of exportment that is mixing a other adia. Joint MM. The result of the compare in a list of exportment that advantage is the compared of the compared that advantage is mixing the compared of the compared that advantage is mixing the compared of the compared of the compared of the GDM and IRM is checked. Objects attitudes, or graphics are not compared.			No Yes	20-04-12	GDIM - IMM Change Detection	Compliant - STD	1 - Low	STD
SEJ_8886_CF17	Heading SOB	2.9-1	Joseph Assurance Server For a controlled system environment, GDM can not not a Quality Assurance Server (QAS). This environment. For the use of the copians, a QAS server man the available, and all data that is in the production grade man state to be present to the QAS ARTHER services and the production grade man state to be present to the QAS ARTHER services and state in the production grade man state to be present to the QAS ARTHER services and state of the production grade man state to the present to the QAS ARTHER services are stated to the control of the QAS ARTHER services are stated to the production grade man state to the control of the QAS ARTHER services are stated to the ten production system. Add to the production cycles to control of the QAS ARTHER services are stated to the production system. Add to the production cycles the present production of the production system. Add to the production cycles the production of the production system. Add to the production cycles the production of the production system. Add the production of the produ			Yes	26:04-12	Quality Assurance Server	Compliant - STD	1 - Low	STD
DF/_NEW-3700		2.10-1	Animates Location and Backup The GDM Database and Versioning is in the DOR concile database, under GDMJ, CDMJ, X administration and its ord automated. In case of a database failure, the version being is sist and take to be remoted by a facility of a facility of a facility of the concilent of t			No Yes	20-04-12	Database Location and Badup	Compliant - STD	1 - Low	STD
SP7_New-32979 SP7_New-32979 SP7_New-32983	Heading Heading	2.11	Vorkflows JIS Initial Import			No .					
SP7 New-32983	SOB	2.11.1-1	The CDM system, engineering IMA, and the operational Spectrum Power system is intalled with a balk eapon from CS. This is conceived an one the data implication energies do not con- buted to CS education with the in initiated. This process is standed in the CDM Usung the CSM initiated in the CSM initiated in the CSM initiated in the CSM initiated in the CSM Usung the SUPF-files are written. The further steps to import the data into IMM are done using the CDM U.			Yes	20-04-12	Workflows GIS Initial Import	Compliant - STD	1 - Low	STD
SP7_New-32980	Heading	2.11.2	IS Incremental Import			No					

SP7_New-32984	SOB	2.11.2-1		Incremental import supports auto-detection import on the full network model. Data is imported in GDIM in a new extracted dataset. During import, the change management functionality is used for comparing the imported data with the previous sersion of the data. The identified changes are transformed within the model transformation and XDF files are	1			Yes	20-04-12	Workflows	SIS Incremental Import	Compliant - STD	1 - Low	STD
				used for comparing the imported data with the previous version of the data. The identified changes are transformed within the model transformation and XDE files are	1	i '								
				written.	1	i '								
				Witten. "The GDIM UI is used for the import of the XDF files to an IMM job as well as calling the preparation, transfer, and activation to the system.	1	i '								
				(image: 1-Tip.png) NOTEProper distribution of the changes over all Spectrum Power servers is the responsibility of the Spectrum Power IMM engineering activation, which includes Multisite	1	i '								
				the responsibility of the Spectrum Power IMM engineering activation, which includes Multisite too.	1	i '								
					1	i '								
SP7_New-32981 SP7_New-32985	Heading SOB	2.11.3	GIS Delta Import	to the constitution of the				No	20-04-12	Modellour	GIS Delta Import	Compliant - STD	1 - Low	CTO.
SP7_New-32985	SUB	2.11.3-1		In this case, GIS data describing the increments (deltas) are received. GDIM does not do any change detection. The identified changes are transformed within the model transformation and XDF files are	1	i '		Yes	20-04-12	worktiows	SIS Deta Import	Compliant - STD	1 - LOW	BID
				I he loenoted changes are transformed within the model transformation and XDF tiles are written.	1	i '								
				written. *The GDIM UI is used for the import of XDF files to an IMM job as well as calling for the preparation, transfer, and activation of the system.	1	i '								
CD7. New 22002					<u> </u>									
SP7_New-32982 SP7_New-32986	Heading SOB	2.11.4-1	GDIM – IMM Change Detection	The GDIM IMM change detection checks the consistency between the IMM and GDIM data bases. The result of the compare is displayed in the GDIM UI.				Yes	20-04-12	Workflows	3DIM - IMM Change	Compliant - STD	1 - Low	STD
				bases. The result of the compare is displayed in the GDIM UI.	1	i '					Detection			
SP7_New-32966	Heading Heading	2.12 2.12.1	Non-Functional Topics					No						
SP7_New-32987 SP7_New-32988	SOB	2.12.1	User Interface	GDIM provides a UI that drives and controls the Import process from the GIS and visualizes of				Yes	20-04-12	Non-Functional Topics	Jser Interface	Compliant - STD	1 - Low	STD
				GDIM provides a UI that drives and controls the Import process from the GIS and visualizes of the current process status (which phase it is in). The UI can be opened on the ADM server. Through the UI the user can select the mode of operation, whether is a bulk import or incremental import. Also, the selection of either continuous execution or manual stepsise servers.	1	i '				·				
				incremental import. Also, the selection of either continuous execution or manual stepwise execution is possible.	1	i '								
				The GDIM UI provides the following features:	1	i '								
				* Processing of static background data using the DXF plug-in * Selection of continuous execution or stepuise execution	1	i '								
				Visualization of the state of the import progress Selection of unlidation loss Selection of unlidation loss	1	i '								
				Incominent import. Also, the soletical or let the continuous execution or manual stepuise The CIGNU Lip soreities the toknowing features. "Selection of the operation mode: Bulk or incremental import selection of ontinuous execution or selection selection or selection or selection or selection or selection selection or selection selectio	1	i '								
				Undo and re-do of versions, discard or invalidate versions if data issues are found, and so on	1	i '								
				(mage: 1-img8bb3cc9999af28aa9da3522a670c1d16_1_en_US_PNG.png)	1	i '								
				Figure 2-# Sample Display - GDIM Oser Interface	1	i '								
1	1			1	1	i '	1						1	
				!	('	, 	1						1	
SP7_New-32946	Heading	3	Information Model Management				-	No						
SP7_New-32989	Heading	3.1	Functional Overview					No						
SP7_New-33008 SP7_New-33009	Heading Heading	3.1.1	Purpose Model Merge Framework					No					\vdash	
SP7_New-33017	SOB	3.1.2-1		In power companies, several systems exist based on (to varying extents) common power grid or		1		Yes	20-04-13	Functional Overview	Model Merge Framework	Compliant - STD	1 - Low	STD
1				a power companies, served a pysiens self based on the variety extentio, common power get or sections disal of the law). Thes, the complete model materianess is eight just in different model maintenance opsiens with defined data responsibilities for a specific data item. For appectic parts of the data responsibilities for a specific data item. For appectic parts of the data responsibilities for a specific data item. For appearing the respirate the matter. An example for such a system is the Georgatical Information System study in the second power of the second power of the special Information System study (CLM based Oblive) benefit projection. Power I results system. Most apports the consolidation of data from different sources through the ability to define the forces protected to a study own do once desirable in the lot, the external systems and MMA.	('	I	1	1					1	
1				might be the master. An example for such a system is the Geographical Information System	('	I	1	1					1	
				(GIS). The data coming from the different sources needs to be consolidated by IMM into a single CIM based DOM before populating the Spectrum Power 7 runtime system.	1	i '								
				IMM supports the consolidation of data from different sources through the ability to define the foreign identifiers to allow one-to-one identification in both, the external systems and IMM.	1	i '								
					1	i '								
SP7_New-33010 SP7_New-33018	Heading	3.1.3	Engineering Process	The system engineering process basically consists of three phases:	-			No Var	20.04-13	Eurotional Oungrieus	Engineering Process	Compliant - STD	1.100	STD
217 145.0 220.00	500	5.1.5-1		Injustment configuration. All three activities are performed during commissioning. As the requirements of the utility evolve, furnishment of the utility evolve, and the common period of the period of the utility evolve. The common period of only of day yellow manterearce activity, (image 1 - Imp. 2018/06/04/7)80/F380-80.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	1	i '		lies .	200725	unctional Overview	ingriculing r rocess	Jonquan - 515	1	
				* Data entry	1	i '								
				these activities are performed during commissioning. As the requirements of the utility evolve, these activities continue to occur when the system is in operation. In particular, data entry and	1	i '								
				changes are a normal part of day-to-day system maintenance activity. (image: 1-imgc3f3f55b6f73f9679da3523933978529_1_en_US_TIFF.jpg)	1	i '								
				Figure 3-2 Engineering Phases In general, system engineering activities follow the sequence of configuration, customization,	1	i '								
				and data entry. However, one of the key requirements of all phases of the engineering process is that the engineering tools are to accommodate an iterative philosophy of system engineering.	1	i '								
				This means that changes to previously engineered aspects of the system can be made without losing all the subsequent engineering work that has been done.	1	i '								
				For example, it is possible to modify system configuration information and to perform a new	1	i '								
				System configuration and customization activities occur mainly during the initial system	1	i '								
				How data is to be configured specifically for a certain purpose within the Spectrum Power control center, purpose with a described in detail in an called Data Modelling Guider, well able for the	1	i '								
				Specific application areas of the Spectrum Power control center system.	1	i '								
				System configuration comprises the following activities, where applicable: Provision of hardware (servers as well as the network) Installation of software (operating system, other third-party software and Spectrum Power Installation of software (operating system, other third-party software and Spectrum Power	1	i '								
				* Installation of software (operating system, other third-party software and Spectrum Power	1	i '								
				software) Basic configuration of the system Customization	1	i '								
				In this phase, project enhancements of the standard product can be introduced. The CIM based	1	i '								
				In this phase, project enhancements of the standard product can be introduced. The CIM based DOM can be extended to fit customer needs. Typically, data is migrated from existing systems and imported into the engineering database. Data Entry	1	i '								
						i '								
				out with, for changes in the physical structure of the power system network. Maintenance of the power network model is a key actively underlying the various applications in power control center systems. Keeping the static power system network model accurate and up-to-date ensures.	('	i '							1 '	
SD7 News-22011	Mandino	214	Domain Object Model	systems. Keeping the static power system network model accurate and up-to-date ensures accurate and useful results within runtime operation. In particular, data entry and changes are a									1 1	
SP7_New-33011 SP7_New-33019	Heading SOB	3.1.4-1	parameter surgered consider					No						
1				The Spectrum Power DOM provides a logical, object-oriented data model describing power				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
	1			The Spectrum Power DOM provides a logical, object-oriented data model describing power system information, characteristics and behavior. The DOM is based on the CIM V12. Common Information Model (CIM)				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
1				The Spectrum Power DOM provides a logical, object-oriented data model describing power system information, characteristics and behavior. The DOM is based on the Clif V12. Common Information Model (Clif) Clif is a set of standards for representing power system components. The IEC 4610- 301 (Energy Management System Application Programming Inferface (EMS APII) that				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Spectium Power DOM provides a logical, object oriented data model describing power system information, characteristics and behavior. The DOM is based on the CIMV 122. Common Information Model (CIM) (DM is a set of standards for representing power system components. The IEC standard 61970- 301 (Energy Interagement (System Registration Programming Information (SIGE APP)) That was a set of standard or set of the standard of the CIMP (SIGE APP) and Information (SIGE APP) and Information (SIGE APP) (SIGE APP) and Information (SIGE APP) (S				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Spectrum Power DOM provides a logical collection criented data model describing power powers authorized the power of				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Specian Power DOM provides a logical, deject oriented data model describing power system information. Americanistic and helivator. The DOM is based on the CIM VIZ. Common information Model (CIM). See that the Common information of the Common information i				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Spectrum Power DOM provides a logical, deject-centered data was void describing power by the provides of the power power of the power				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Spectrum Power DOM provides a floquit, object oriented date model describing power system information. The DOM is based on the DOM 12 to 200 to 10 to 1				No Yes	20 04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				The Special Power COM provides a logical, deplex diversed data model describing power planter information, classification and policy and the COM provides of the COM VIVI. Utility as an of standards for representing power system components. The IEC standard ESIDO- compared from the Internet Compared to the COM COMPARED of the COMPARED of the IEC standard ESIDO- sequented from the Internet Power Internet Compared the IEC standard of the IEC standard IEC st				No Yes	29-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - LOW	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	20-04-13	Functional Overview	Domain Object Model	Compliant - STD	1 - Low	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	20-04-13	Functional Overview	Domain Object Model	Compilant - STD	1 - LOW	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	2004-13	Functional Overview	Domain Object Model	Compilant - STD	1-Low	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	2004-13	Functional Overview	Domain Object Model	Compliant - STD	1-Low	STO
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	20:04:13	Functional Overview	Domain Object Model	Compliant - STD	2 - Low	STD
				collectively known as the CIM for electrical power systems. In practical applications or the CIM is to combined with application and project specific extensions. DOM is CIM-compliant in its basis structure. It matches CIM in those parts where CIM defines information needed for the applications provided by the Spectrum Power system. DOM contains extensions for oral parts that are not covered by CIM. For example, commissions to the Spycial equipment in the field, user and console function.				No Yes	20 04-13	Functional Overview	Domain Object Model	Compliant - STD	2 - Low	STD
				collectively known as the CMM for electrical power systems. Inspired application of the CMM is considered with applications and project application and project applications are project applications are project applications and project applications are project applications and considered project and project applications are project applications and considered project applications and considered advantages. Applications are project applications are project applications and considered advantages. Applications are project applications are project applications and considered applications are project applications to the CMM VIZ model as the neithed through the use of namespace assignments. Participations on the CMM VIZ model are benefited through the use of namespace assignments. Participations are projected and project applications are provided by the CDM and analysis and project adultations. The logical microary provided by the CDM is independent on the project adultation applications to the CMM VIZ model and based to application instructions as well as used with the project and				No Yes	200413	Functional Overview	Domain Object Model	Compliant - STD	t - Low	510
				collectively known as the CMM for electrical power systems. Inspired application of the CMM is considered with applications and project application and project applications are project applications are project applications and project applications are project applications and considered project and project applications are project applications and considered project applications and considered advantages. Applications are project applications are project applications and considered advantages. Applications are project applications are project applications and considered applications are project applications to the CMM VIZ model as the neithed through the use of namespace assignments. Participations on the CMM VIZ model are benefited through the use of namespace assignments. Participations are projected and project applications are provided by the CDM and analysis and project adultations. The logical microary provided by the CDM is independent on the project adultation applications to the CMM VIZ model and based to application instructions as well as used with the project and				No Yes	200413	Functional Overview	Oomain Object Model	Compliant - STD	3 - Low	5110
				collectively known as the CMM for electrical power systems. Inspired application of the CMM is considered with applications and project application and project applications are project applications are project applications and project applications are project applications and considered project and project applications are project applications and considered project applications and considered advantages. Applications are project applications are project applications and considered advantages. Applications are project applications are project applications and considered applications are project applications to the CMM VIZ model as the neithed through the use of namespace assignments. Participations on the CMM VIZ model are benefited through the use of namespace assignments. Participations are projected and project applications are provided by the CDM and analysis and project adultations. The logical microary provided by the CDM is independent on the project adultation applications to the CMM VIZ model and based to application instructions as well as used with the project and				No Yes	200413	Functional Overview	Domain Object Model	Compliant - STD	ž - Low	STD
SF, New 2012	Heading	31.5	Punctons	collectively known as the CMM for electrical power systems. In practical application of the CMM is considered with application and project regions are proporting on the CMM in considered with application and project regions. Old editions information needed for the applications provided by the Spectrum Power system. For example, communications to the physical experience of the CMM in the CMM in the CMM is applications provided by the Spectrum Power system. For example, communications to the physical experience in the fact and consider handlends assumptions, presentation logic assignments for fad equipment in the fact and consider handlends assignments, presentation logic assignments for fad equipment in example communications. The communication is considered by CMM in the CMM Power and CM				No Yes						STD
97. New 38312 527. New 38602	Heading SOB	3.15	Functions	collectively known as the CMM for electrical power systems. The design of the CMM or electrical power systems are stated as of priority specific properties of the state of t				No Yes	200413	Functional Overview	Domain Ctiged Model	Compliant - STD	2 - Low	510
97 New 3331 97 New 3302	Heading SOB	315	Functions	collectively known as the CMM for electrical power systems. Inspirated applications of the CMM is considered with applications and original specific application and project applications are provided by the project of the collective period with the collective peri				No Yes						STD
577 New 33012 577 New 33012	Heading SOB	31.5	Functions.	collectively known as the CMM for electrical power systems. Inspirated applications of the CMM is considered with applications and original specific application and project applications are provided by the project of the collective period with the collective peri				No Yes						STD
67. New 30012 67. New 3000	Heading SOB	3.15	Puncilians	collectively known as the CMM for electrical power systems. Inspirated applications of the CMM is considered with applications and original specific application and project applications are provided by the project of the collective period with the collective peri				No Yes						STD
97. New 38022 97. New 38000	Heading	3.15	Functions	collectively known as the CMM for electrical power systems. In practical applications of the CMM is considered with applications and original specific application in practical applications of the CMM is considered with applications and original specific applications provided by the Spectrum Power Systems CMM administration in condition for the applications provided by the Spectrum Power Systems CMM administration in condition of the applications provided by the Spectrum Power Systems CMM administration in the CMM administration of the Systems of the CMM administration of the Systems of the CMM administration of the Systems of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed the design of the Education in the CMM VIZ model are insensed the stocked the countries of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the condition				No Yes						510
27 Nov 2012 29 Nov 2002	Heading SOB	3.15	Succions	collectively income as the CMM for electrical power systems. Incidently income as the CMM for electrical power systems are stated as of priori specific electrons. DMM CMM Compilation is beautifulness. Branches of the priori state of the priori specific electrons are stated as the priori specific electrons are stated as the priori stated as th				No Yes						STD
677, New 20012 577, New 20002	Heading SOB	3.15	Punctions	collectively income as the CMM for electrical power systems. Incidently income as the CMM for electrical power systems are stated as of priori specific electrons. DMM CMM Compilation is beautifulness. Branches of the priori state of the priori specific electrons are stated as the priori specific electrons are stated as the priori stated as th				No Yes						510
57. Men 33012 227 Men 3400	Heading SOB	315	Auctions	collectively income as the CMM for electrical power systems. Incidently income as the CMM for electrical power systems are stated as of priori specific electrons. DMM CMM Compilation is beautifulness. Branches of the priori state of the priori specific electrons are stated as the priori specific electrons are stated as the priori stated as th				No Yes						STD
97, New 2012 97, New 2012 97, New 2012	Heading	31.5	Punctions	collectively income as the CMM for electrical power systems. Incidently income as the CMM for electrical power systems are stated as of priori specific electrons. DMM CMM Compilation is beautifulness. Branches of the priori state of the priori specific electrons are stated as the priori specific electrons are stated as the priori stated as th				No Yes						5110
97, New 33012 57, New 33000	Heading	3.15	Functions	collectively known as the CMM for electrical power systems. In practical applications of the CMM is considered with applications and original specific application in practical applications of the CMM is considered with applications and original specific applications provided by the Spectrum Power Systems CMM administration in condition for the applications provided by the Spectrum Power Systems CMM administration in condition of the applications provided by the Spectrum Power Systems CMM administration in the CMM administration of the Systems of the CMM administration of the Systems of the CMM administration of the Systems of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed the design of the Education in the CMM VIZ model are insensed the stocked the countries of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the CMM VIZ model are insensed to the condition of the condition				No Yes						510

	Heading 3.1.6	IMM Data Definition						No.						
CD7_New 00020	SOB 3.1.6-1	INNE Data Delititidii	The Country Development of the Country of the Count					No.	20-04-13	Functional Overview	IMM Data Definition	Compliant - STD	1 - Low	CTD
21.7_PREW-33021	3.1.0-1		The Spectrum Power IMM functions are a set of tools that allow power system information data to be defined, accessed, and exchanged. These tools also control the transfer of data between the engineering databases and the Spectrum Power runtime databases.	1		l	1	1.00	LU-U-13	uncodina Overview	mm Data Deliticon	Combiguit - 21D		r I
			the engineering database and the Spectrum Power runtime databases.					l						
								l						
			runtime databases is designed so that only incremental changes are applied to these					l						
			databases. The application of the changes to the runtime databases is coordinated so that there is no application downtime – this includes the process interfaces and real-time applications. All					l						
			changes are immediately available for processing and viewing by operators, and there is no					l						
			interruption in the real-time operation of the network control center. This process is known as					l						
			Online Activation. (mage: 1-imgc85e1a566f7c44469da352390cb056a1_1_en_US_TIFF.jpg)	1		1	1	1						
			* Engineering data import and export can be done in XDF and RDF formats based on the W3C											
			Engineering data import and export can be done in XDF and RDF formats based on the W3C standard XML. Partial power grid/network data export can be done additionally in Comma-separated Values.					l						
			* Partial power grid/network data export can be done additionally in Comma-separated Values (CSV) format.											
			* Editing engineering and graphics data.											
			Editing engineering and graphics data. *IMM Editors used for editing engineering data and Graphics Editor used for editing graphic					l						
								l						
			Validation features provided by IMM ensures that the data model remains consistent.					l						
			Reporting features provided by IMM allow the user to create and view summary or detail reports of type and instance data. Job management is the method by which changes of the Spectrum Power engineering					l						
			* Job management is the method by which changes of the Spectrum Power engineering					l						
			Job inatalgetimes to all intellibod by winch I sangles our separation Prove engineering distributions of additionable are grouped and managed in jobs. The engineering data is stored in Oracle source data base and go through data preparation and data activation phases to get the changes applied. *Data version management and automatic data model archiving facilities provides a history of model changes including auditory capabilities.					l						
			* The engineering data is stored in Oracle source data base and go through data preparation					l						
			* Data version management and automatic data model archiving facilities provides a history of					l						
			model changes including auditing capabilities.					l						
1	1 1			1		l	I	I		1				
1	1 1			1		l	I	I		1				
1	1 1			1	l		1	1		l				
SP7_New-33014	Heading 3.1.7	IMM Engineering Applications						No						
SP7_New-33022	SOB 3.1.7-1		IMM has a number of engineering applications suitable for the different engineering tasks. (image: 1-img65d5925470b687369da352393f7ta3ae_1_en_US_TIFF.jpg)					Yes	20-04-13	Functional Overview	IMM Engineering	Compliant - STD	1 - Low	STD
			(image: 1-img65d5925470b687369da352393f7fa3ae_1_en_US_TIFF.jpg)	1		1	1	1			Applications			
1	1 1		Figure 3-# General Application Structure of the IMM User Interface The amount of provided applications is dependent of the concrete customer project and	1		l	I	I		1				
1	1 1		configuration.	1		l	I	I		1				
1	1 1		configuration. IMM Application provide the following:	1	l		1	1		l				
1	1 1		* Type Editor	1		l	I	I		1				
			* Type Editor The Type Editor is used to view and edit properties of a type as well as to create new types. It provides a set of tabbed pages each of which is used to configure a distinct kind of type	1		1	1	1						
1	1 1		properties.	1		l	I	I		1				
			properties. Type Inspector The Type Inspector is used to view type properties. Basically it is the read-only version of the	1		1	1	1						
			The Type Inspector is used to view type properties. Basically it is the read-only version of the	1		1	1	1						
			1 Model and Graphics Editor	1		1	1	1						
	1 1		The Model and Graphics Editor allows viewing and editing of network model and diagram data.	1		l	I	I		1				
			It provides structured panels dedicated to different views to the data and rich navigation means	1		1	1	1						
			The Model and Graphics Editor allows viewing and editing of network model and diagram data. It provides structured panels dedicated to different views to the data and rich navigation means through the different views. * Multi-Installence Editor	1		1	1	1						
								l						
	1 1		as to search and filter for instances. Queries can be defined, saved and loaded for reuse. The result table can be exported into a CSV file.	1		l	I	I		1				
			result table can be exported into a CSV file. * Symbol Editor	1		1	1	1						
			The Symbol Editor allows viewing and edition symbols used on the dispresse											
			The Color Editor The Color Editor allows viewing and editing color values of color instances used on the											
			The Color Editor allows viewing and editing color values of color instances used on the											
			diagrams. * Decision Table Editor The Decision Table Editor allows maintaining diagram decision tables for evaluating the presentation of dynamic display objects in the runtime environment.					l						
			The Decision Table Editor allows maintaining diagram decision tables for evaluating the											
			presentation of dynamic display objects in the runtime environment.					l						
			* Shape Style Editor The Shape Style Editor allows creating reusable shape styles which represent a particular					l						
			nraphic property combination that can be assigned to graphic phiects					l						
			t Shida Group Editor											
														l I
1			The strape style control across cleaning texistine shape styles which represent a particular graphic properly combination that can be assigned to graphic objects. * Style Group Editor. The Style Group Editor allows maintaining unique styles matching the values configured in the The Style Group Editor allows maintaining unique styles matching the values configured in the											
			diagram decision tables by the Decision table editor in a certain style group. * Style Logic Editor											
SP7_New-33015	Heading 3.1.8	IMM UI Technology	diagram decision tables by the Decision table editor in a certain style group. * Style Logic Editor The Style Logic Editor allows maintaining style logics for evaluating the style of the presentation.					No						
SP7. New-33015 SP7. New-33023	Heading 3.1.8 SOB 3.1.8-1	IMM UI Technology	diagram decision tables by the Decision table editor in a certain style group. *Style Logic Editor The Style Logic Editor allows maintaining style logics for evaluating the style of the presentation A horized data peripagation operate propriets of multiple marificer. During an IMM employment.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7 New-33015 SP7 New-33023		IAM UI Technology	diagram decision tables by the Decision table editor in a certain style group. *Style Logic Editor The Style Logic Editor allows maintaining style logics for evaluating the style of the presentation A horized data peripagation operate propriets of multiple marificer. During an IMM employment.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7 New-33015 SP7 New-33023		MM Ul Technology	diagram decision tables by the Decision table editor in a certain style group. *Style Logic Editor The Style Logic Editor allows maintaining style logics for evaluating the style of the presentation A horized data peripagation operate propriets of multiple marificer. During an IMM employment.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7 New-33015 SP7 New-33023		BAM Ul Technology	billinguist discision ballets by the Decision hable editor in a certain style group. The High Explicit discision after marketistic spirit begins be explicit the presentation. Applied that engineering consolic consists of malight monitors. During an IMA engineering consolic contents of malight monitors. During an IMA engineering consolic can be connected to the MM ever in reming on Administration Server (ADM), Multiple engineering consolics can be connected to the MM server. The IMM of client applied consolicit can be connected to the MM server.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7 New-33015 SP7 New-33023		MM U Technology	billinguist discision ballets by the Decision hable editor in a certain style group. The High Explicit discision after marketistic spirit begins be explicit the presentation. Applied that engineering consolic consists of malight monitors. During an IMA engineering consolic contents of malight monitors. During an IMA engineering consolic can be connected to the MM ever in reming on Administration Server (ADM), Multiple engineering consolics can be connected to the MM server. The IMM of client applied consolicit can be connected to the MM server.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7 New-33015 SP7 New-33023		MM LET redvollegy	biogram discount ballets by the Decision ballet either in a certain style group. The wight trapp Either their warrantings style point or establishing the style of the presentation. Spring data engineering console consists of multiple monitors. During an IAM engineering across on their console is connected by the Marker surviving in Administration Server (ADMINISH), which is consistent to the consoled the Server surviving in Administration Server (ADMINISH the Marker Consoled the Server surviving in Administration Server (ADMINISH the Marker Consoled the Server Server surviving in Administration Server (ADMINISH SERVER) and Server surviving in Administration Server (ADMINISH SERVER) and Server survival serve					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7. New-33015 SP7. New-33023		MAL U. Technology	belogrant decision bases by the Discosion basis exists or an artife group. The high trap Exhibit basis washington and the bytes for evaluating the ships of the presentation. Applicat data engineering console consists of multiple monitors. During an IMM engineering existing the controlled to the IMM owner manages and Attenuated Series (MDA). The IMM of client program can be estudied on any console in the control center. In entire discovering the control center, and the control center is putted an exercise attainmental period center. The instead workforces or Limit The Center is updated an exercise of automatical period center. The instead workforces or Limit The Center is updated an exercise of automatical period center. The instead workforces or Limit The Center is updated an exercise attainment of the center of t					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7. New-33015 SP7. New-33023		MM U Technology	begand no count bases by the Discount base eather in a central syle group. A piper data relative extracting syle begand to the property of the presentation. A piper data engineering console consists of multiple monitors. During an IMM engineering accession, the consoler is consolered to the Matter of multiple monitors. During an IMM engineering accession, the consoler is connected to the Matter of multiple and IMM engineering and IMM engineering accession, the consoler is connected to the Matter of multiple and IMM engineering and IMM engineering access and the piper of the state of the piper of the piper of the IMM engineering application. The IMM of the State engineering piper and IMM engineering application. The IMM of the State engineering piper and IMM engineering application.					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
SP7. New-33015 SP7. New-33023		BBM LB Technology	begand to cause takes by the Discosion table eather in a certain style group. If the high trap Each trahem vertaintamay style byte in the valuating the style of the presentation. Applied data engineering console consists of multiple monitors. During an IMM engineering console consists of multiple monitors. During an IMM engineering exposition, the consolis is connected to the MIM owner inventigon of Amistration Server (MDM). The MIM of client grappian can be residued on any consoles in the control center. The mind underwindows or Lim. The Center is updated an entended automatically one one. The mind underwindows or Lim. The Center is updated an entended automatically one one. The mind underwindows or Lim. The Center is updated an entended automatically one place. The mind underwindows or Lim. The Center is updated an entended automatically one place. The mind underwindows or Lim. The MIM of Center Center is applied and center automatical specific and control of the date engineering policiations. The MIM of Center communication with MIM originations applied principal interchange in the control of the date in the center of the cen					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
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SP7 New-33015 SP7 New-33023		SAM LE Technology	alogical focusion factors by the Discount hable extent on a certain style group. The high texts pecifical relatives measurants group between the state of the presentation. Appeal data emplement grounds consists of multiples measures. During an IAM empresent process of the IAM source. The IAM of center program can be resided on any consoler the control center. If man on what the process of the IAM source is the IAM source which is the IAM source where the IAM of the IAM source is the IAM of the IAM source is the IAM of the IAM source which is the IAM of IAM					No Yes	20-04-13	Functional Overview	IMM UI Technology	Compliant - STD	1 - Low	STD
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SP7_New-33027	SOB 3.2.2-1		In independent job mode, you can view or edit the model as it is at the current time when you			Yes	20-04-13	Job Management	Independent Job Mode	Compliant - STD	1 - Low	STD
			are in a job. You see the model as it currently is (the production model used in the Spectrum Power runtime system) plus your job changes. You do not see changes from other jobs unless									
			the jobs are activated. The changes in the job can be considered as overlays on top of the data									
			channes in the job overlaying the current data in use									
			(image: 1-imgdaab9ce7710fefab9da35239293d523b_1_en_US_TIFF.jpg)									
			Figure 3-# Independent Job Mode View (1)									
			preserve data integrity. This means, that you cannot change the instance data that has been									
			locked by another job and other jobs cannot change your data.									
			(image: 2-imgb42e945470b6898c9da352391a5e23e7_1_en_US_TIFF.jpg)									
			For example, two different jobs (B and C) cannot edit the same part of equipment within a									
			substation. If you try to change data locked by another job, an error message is issued									
			Indicating that the data is locked and your change is aborted. This keeps lobs in the engineering environment independent from each other. They can be									
			processed (for example, activated, undone, or finalized) in any order.									
			Proser trainine systems just your job changes. You do not see changes from other jobs unless here job as earl-kniffer. The changes in the job can be considered as one in the considered as one of the changes in the job can be considered to extract the changes. I implicable of the changes in the job contribution in control data in use. I consider the changes is the job control data in use. I consider the changes in the job control data in use. I consider the changes in the job control data in the local change is included in the change in the ch									
			deleting an instance automatically locks the instance lestif only. When the user changes an attribute value of an existing instance, this object is locked by the job. If the name of the object is changed, both the old and new names are locked. Both, parent and child objects are not affected. When a new object is added, the new instance is locked. Only this job can create									
			attribute value of an existing instance, this object is locked by the job. If the name of the object									
			affected. When a new object is added, the new instance is locked. Only this job can create									
			descendants to the newly created instance. When an object is deleted, all child instances are also deleted, and all the deleted instances are									
			When an object is deleted, all child instances are also deleted, and all the deleted instances are locked. Another lob cannot insert a new instance with the same name as the deleted instance.									
			The deletion of an instance is prevented if one of the descendants of their links is locked by									
			another job to ensure data integrity.									
			hading or deleting a link locks this link only. This means that the exact same link, that is, a link that references the same two instances using the same association, cannot be added.									
			Adding or deleting a link locks this link only. This means that the exact same link, that is, a link that references the same two instances using the same association, cannot be added respectively deleted again by another job. After a job has been activated and finalized or deleted, all interlocks created by this job are									
			After a job has been activated and finalized or deleted, all interlocks created by this job are									
			released. Job Interdependency Checks									
			Job interlocking is performed at engineering design time and supports the user's data maintenance with fine granular individual instance locking, thus allowing utmost parallel editing									
SP7_New-32991	Heading 3.3	Domain Data Maintenance	manustrance was line granular more dual motance locking, thus allowing dathout parallel editing			No						
SP7_New-33028	SOB 3.3-1		Overview			Yes	20-04-13	Domain Data Maintenance		Compliant - STD	1 - Low	STD
1	1 1		Engineering activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain data maintenance within			1						J
1	1 1		multiple attractives and properties. IMM is the user interface for domain data maintenance within a job. Demand data editors provide means for the following: Data you call a modifications Data you changes: Data you changes: These are provided in different but consistent views of the data according to your intention and these are provided in different but consistent views of the data according to your intention and			1						J
1	1 1	1	* Instance data modifications			1						J
1			* Data type changes			1						
1	1 1		I nese are provided in different but consistent views of the data according to your intention and workflows.			1						J
1	1 1		worklows. Creation and Management of Instances The following instance data modifications can be done from IMM III within a lob-			1						J
1	1 1	1	Creation and Management of Instances The following instance data modifications can be done from IMM UI within a job: *Create instances			1						J
1	1 1		* Rename instances			1						J
1			* Rename instances * Modify attribute values for instances			1						
1	1 1		* Delete instances descendent instances and their links are also deleted. **Create links			1						J
1	1 1	1	* Create links			1						J
			* Delete links Type Changes									
			Data model maintenance and customizing features allow for the extension of the standard DOM									
			by creating and maintaining custom types. IMM provides means to extend and manipulate the DOM									
			* Creating, modifying, and deleting types.									
			Deletion of types deletes all derived types. A type can be deleted only if all instances of this type									
			* Creating, modifying, and deleting attributes of a type.									
			The billowing actions are possible: Caustin, mothylay, and defetting spec. Caustin, mothylay, and defetting spec. Caustin, mothylay, and defetting spec. Caustin, mothylay, and defetting attributes of a sye. In caustin, mothylay, and defetting attributes of a sye. Causting, mothylay, and defetting attributes of a sye. Causting and defetting association. Causting and defetting associations of a state of a sye and a state of a state of a state of a sye and a state of a state									
			DOM modifications can be either performed with the Type Editor or by import of XDF files.									
			When a type change is made, all existing jobs and all subsequent jobs inherit the type change.									
			administrative rights in allowed to make type changes									
			administrative rights of moved to make type changes.									
			sommander nyma a mored to make type changes.									
SP7 New-37997	Mandian 2.4		выштымить пуны м шоты о тыко уук сынды.			No						
SP7_New-32992 SP7_New-33029	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance				No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7_New-32992 SP7_New-33029	Heading 3.4 SOB 3.4-1					No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7 New-32992 SP7 New-33029	Heading 3.4 SOB 3.4-1					No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7 New-32992 SP7 New-33022	Heading 3.4 SOB 3.4-1		Overview Display construction of network diagrams is completely integrated in the IMM. The Craphics Display construction and network diagrams and after predicting the regulation of the IMM. The Craphics perplical editing creates the link between the instruction of the graphic data to include of the			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7. New-32992 SP7. New-33029	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compilant - STD	1 - Low	STD
SP7_New-32992 SP7_New-33029	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7. New-32992 SP7. New-33029	Heading 3.4 SCB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7_New-32992 SP7_New-33029	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7. New-32992 SP7. New-33022	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1-Low	STD
SP7. New-32992 SP7. New-33022	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - LOw :	STD
SP2. New 32992 SP2. New 33022	Heading 3.4 SCB 3.4-1	Graphic Data Maintenance	Overview Display construction of network diagrams is completely integrated in the BMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbology. The Graphics for the control of the control o			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
SP7. New-32992 SP7. New-33022	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deletics to societing domain data.** **Link graphical deletion of plagate collect billioning the domain data.** **Link graphical deletion data and graphical deletion of plagate collection data and graphical deletion data.**			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - LOW	STD
SP2_New-23992 SP2_New-23922	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deletics to societing domain data.** **Link graphical deletion of plagate collect billioning the domain data.** **Link graphical deletion data and graphical deletion of plagate collection data and graphical deletion data.**			No Yes	20-04-13	Graphic Data Maintenance		Compliant + STD	1 - Low	STD
SP7. New 32992 SP7. New 33022	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deletics to societing domain data.** **Link graphical deletion of plagate collect billioning the domain data.** **Link graphical deletion data and graphical deletion of plagate collection data and graphical deletion data.**			No Yes	20-04-13	Graphic Data Maintenance		Compliant - STD	1 - Low	STD
97. New 3292 927. New 35042	Heading 3.4 506 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deleties to societing domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data produces the consent advance data and graphical deleties.**			No YYes	20-04-13	Graphic Data Maintenance		Compilant - STD	1-Low	STD
97) Nov-32772 97) Nov-33022	Heading 3.4 SOB 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deleties to societing domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data produces the consent advance data and graphical deleties.**			No Yes	20-04-13	Graphic Data Maintenance		Compiliant - STD	I-Low	STD
SP7 New 321792 SE2 New 33022	Neading 3.4 506 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deleties to societing domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data produces the consent advance data and graphical deleties.**			los Pres	20-04-13	Graphic Data Meintenance		Compliant - STD	1-Low :	STD
GP7. New-32972 SP7. New-32022	Peading 14 SCG 341	Graphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics prophical confidence of the Confidence			ho: Ves	20-04-13	Graphic Data Maintenance		Compilant - STD	3 - Low 2	SYO
SP New 1977 SP New 1977 SP New 1972	Peading 2.4 1000 1241	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deleties to societing domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data produces the consent advance data and graphical deleties.**			No. Yes	20.04-13	Graphic Data Maintenance		Compliant - STD	1-Low 2	STD
97. New 32992 97. New 33022	Heading 3.4 SGB 3.4-1	Graphic Data Maintenance	Diverview Double of research diagrams is completely religizated in the IMM. The Crispine proposed control of research diagrams is completely religizated in the IMM. The Crispine paylors diding creates the link between the induces of the graphic data to instances of the Pachhologisal disting allows creation, resolitation, and deletion of electrical power system. The billioning underside a single gliosec creation, resolitation, and deletion of electrical power system. The billioning underside are in supported. The billioning underside are in supported. **Castle new graphical deletics and new domain data.** **Link graphical deleties to societing domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data.** **Link graphical deleties of societies domain data produces the consent advance data and graphical deleties.**			ho: Ves	2004-13	Graphic Data Maintenance		Compliant - STD	3 - Low 3	STD
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			No. Yes	20.04-13	Graphic Date Meintenance		Compilant - STD	I-Low 2	570
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			Pop. Yes	2004-13			Compilant - STD	1-1.0w	STO
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			Pilo Yves Pilo Vves	20-04-13	Graphic Data Maintenance			1-Low	510
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			No. Yes	20 04-13				2-Low 2	STD
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			No. Yes	2004-13				1-10w	STD STD
	3.4·1	Snaphic Data Maintenance	Overview Doyley construction of network diagrams is completely integrated in the IMM. The Craphics propriet control of network diagrams is completely integrated in the IMM. The Craphics propriet and client or creates the link between the instances of the graphic data to instances of the security of the control of the co			PAD YVES	20-04-13				1-Low	STD
	3.4·1	Snaphic Data Maintenance	Over view Deer view Deer view Deer view Deer view view of dagenes in completely inagened in the IMMA. The Croptice of Control of the IMMA The Croptice of Imma The Imma			No. Yes No. Yes	2004-13				1-10w	STD
	3.4·1	Snaphic Data Maintenance	Over view Deer view Deer view Deer view Deer view view of dagenes in completely inagened in the IMMA. The Croptice of Control of the IMMA The Croptice of Imma The Imma			PAD. PAD. YVES	20-04-13				1-Low	\$10 \$70
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			No. No. Yes	20-04-13				1-Low 2	STD
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			PAG YVES	20-04-13				1-Low 2	510
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			Pilo Yes Pilo Pilo Yes	20-04-13				1-Low	STD
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			No. Yes	2004-13				1-10w	570
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			No. Yes So: Yes	20-04-13				1-Low	\$7D
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			No. Yes	2004-13				1-10w	570
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			Pilo Yes No. Yes	20-04-13				1-Low	STD
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			No. Yes No. Yes	20-04-13				1-16w	510
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			Pilos Yves Pilos Vves	20-04-13				1-Low 2	510
	3.4·1	Onghire Cella Malmenances	Overview Doyler construction of network diagrams is completely relegizated in the IMM. The Crispine purposes of the Control of			Pilo Vives	20-04-13				1-Low	STD
	3.4·1	Onghire Cella Malmenances	Over view Down view			PAG Yes	20-04-13				1-10w	310
	3.4·1	Onghire Cella Malmenances	Over view Down view			Pilo Yes	20-04-13 20-04-13				1-Low 2	\$10 \$70
	3.4·1	Onghire Cella Malmenances	Over view Dore view			No. Yes	2004-13				1-10w	570
	3.4·1	Onghire Cella Malmenances	Over view Dore view			Pilos Vives	20-04-13				1-Low	STD
	3.4·1	Onghire Cella Malmenances	Over view Diver v			Pilo Yes Pilo Yes	20-04-13				1-Low	STD
	3.4·1	Onghire Cella Malmenances	Overview Development of reasons diagrams is comprisely integrated in the IMMA. The Croptice Design concentration of the IMMA is comprised to the IMMA in the Croptice Design of the IMMA in the IMMA in the Croptice Design of the IMMA in the IMM			Pilos Yves Pilos Yves	20-04-13				1-Low 2	570
	3.4·1	Onghire Cella Malmenances	Over view Dover view Doubley consistent or neasons diagrames is completely registered in the IMA. The chargest production of neasons diagrames is completely registered in the IMA. The chargest production of new order control of the production o			No. Yes Se Yes	20-04-13				1-Low	\$7D
	3.4·1	Onghire Cella Malmenances MMA Tragger Famework	Over view Dever v			PAG Yes	20-04-13				1-10w	310
97, New 3272 97, New 3200	Soc 3.4:	Onghir Data Marenance MMA Trigger Pamework	Over view Dover view Doubley consistent or neasons diagrames is completely registered in the IMA. The chargest production of neasons diagrames is completely registered in the IMA. The chargest production of new order control of the production o			PAD. YVES	20-04-13				1-Low	\$10 \$70
SP_New-3272 SP_New-3200	Soc 3.4:	Onghire Cella Malmenances MMA Tragger Famework	Over view Dever v			No. Yes	20-04-13				1-10w	510

97 New 33333	508 3.5.1.1		Abort on Edgest of Englementing Data in 1967 or CR-MEDY And Provides in Environe to report and improve regimenting data in XXP and CLM-RDF. Bitch and XAB. Formation based on VXIC of stordard. The XXAB. It is a versalled largrange for the delimitation of large XAB. Environe based on VXIC of stordard. The XXAB is a versalled largrange for the delimitation of large in the control of the control of the XXB and XXB			Ves	200413	Data Insport and Data Export	General	Compliant - STD	I-Low	STO
SP7_New-33032 SP7_New-33034	Heading 3.6.2 SOB 3.6.2-1	Model Merge Framework	maintenance is spit up in different model maintenance systems with defined data. In power companies, several systems exist based on (to varying extents) common power grid/network data of the utility. Generally, each system has a database and its own data model.			No Yes	20-04-13	Data Import and Data	Model Merge Framework	Compliant - STD	1 - Low	STD
SP7_New-22995	Heading 3.7	Notidation of Data Chances	maintenance look optimized to the specific scope of the data. Thus, the complete model maintenances spill on of inferent model maintenance spills may be inferred and maintenances and up of inferent model maintenance spills may be inferred data. For specific parts of the data required for the Specifium Power spills me, or of those element spills maintenances and spills make the data compared to the spills of Spills may be spilled to the spills of the spills of the spills of the spills of the Spills of Spills of Spills of the spills of the spills of the spills of the Spills of Spills of the Spills of Spil					L-Apon				
SP7_New-33035	Heading 3.7	Validation of Data Changes	Validation ensures that the entire data model remains consistent. In addition, it ensures that all			No Yes	20-04-13	Validation of Data Changes		Compliant - STD	1 - Low	STD
			increasing values in emerical complements checkly. Validation takes place in a materianance investment, for extension, as in based on the regional process of the control o									
SP7_New-32996 SP7_New-33036	Heading 3.8	Activation of Data Changes	For example, Yea/No, Open/Close.			No	20.04.13	Activation of Data Channes		Compliant - STD	1 - Low	
			All power grid domain data and dazame data changes are flow in a job. Activation prepagates acts. Changes in the power horse power in the changes are flow in a power power in the change acts. The changes are clied back system-mode. Activation preparation in three phases: This Preparation Activation is profession in three phases: This Preparation The phase is the phase in the phase is the phase in the phase is the phase in the phase in the phase is the phase in the phase in the phase is the phase in the phase in the phase is the phase in the phase in the phase is the phase in the phase in the phase is the phase is the phase in the phase is the phase in the phase is the									
SP7_New-32997	Heading 2.0	Data Version Management										

SP7_New-33037	SOB	3.9-1		Data recommonagement and manufact state data model contrives (builties provide a result in the provide a past view of the state data model board on the activation time. If surviving is starting provide a past view of the state data model board on the activation time. If surviving is starting of the provide a past time of the state data model board on the activation time. If surviving is starting of the Special Provide and the state of the state of the state of the state of the been activated of the Special Provide and the state of the state of the state of the been activated in the past. The user care in an change lost prepris on a sthred picks, access logic. Losses (FIT). The activate has the state of t			Yes	20-04-13	Data Version Management	·	Compliant - STD	1 - Low	STD
				post-more manalysis. Doe't hype Changes and post-more manalysis of Doe't hype Changes in the Special consideration and when changing DOW hypes. Simply scaping pays changes to the Special consideration of the post-more desta football in the past. However, not applying hype changes usual from any flatter desta football in the past. However, not applying hype changes usual from any flatter desta football in the past and hype changes that are not as the particular desta football in the past of the past and hype changes that are made to the particular destations. Let the change destations becomes usual changes Long term Andhee Long									
				Image 1: implicational Thredsforths STESSEN 45000 (E.m.), unit 10°, THF app) Facing 3-6 (Section 10° Mill 4 Model Advisor), and the Threspop Facility 3-6 (Section 10° Mill 4 Model Advisor), and the Threspop STESSEN 45000 (E.m.), and the Threspop STESSE									
				• The user is able to view the order in which jobs were activated or undone and when they were finalized. • The user is able to identify the jobs that modified a given instance within a given time frame.									
SP7_New-32998 SP7_New-33038	Heading SOB	3.10 3.10-1	Reporting	Data Reporting			No Yes	20-04-13	Reporting		Compliant - STD	1 - Low	STD
				Regording hauters provided by Mid-Allow the user to create/view summary or detail apports of Mid-Allow Change (Mid-Allow Change) within a selected network seguipment hierarchy the instance change report displays changes within a selected network seguipment hierarchy changes made in the sectionist pict of a distinate to the instance hierarchy in the independent plus pages. The change instance is the section pict of a distinate to the instance hierarchy in the independent plus pages. The changes instance is the section pict of a distinate of the cost pict are evaluated, and the pict used previously for a selection entonic degrame thereoff the limited sections of the pict of the pict section pict of the pict and distinate the pict of									
SP7_New-32999 SP7_New-33039	Heading SOB	3.11 3.11-1	IMM Logs	IMM provides logs within the log section of the IMM user interface. The log section can be			No Yes	20-04-13	IMM Logs		Compliant - STD	1 - Low	STD
				Met provides loop within the log section of the MM user inventice. The king section can be opposed in a separate whose detected open and separate of Values or provides a local value of the section of the Common parameter Values. The blowning are the ventrices log types available, depending on the selected dataset, job or data represents provided to provide the selected dataset, job or data represents provided to provide the selected dataset, job or data represents provided to provide the selected dataset, job or data the selected dataset, job or MM test. The reseasages include servicely, job mans, the selected pand dataset, or detected the selected dataset in the selected dataset and the selected dataset in the selected dataset of the selected dataset in the selected dataset of the selected dataset in the selected dataset of contribution or advision of a dataset of contribution or advision of a dataset of									
				Activation Ltg Contained all the missages that were created during the preparation or activation of a dissect or Contained all the missages shall were created when a user initiated import was done within a temporary or contained after missages that were created when a user initiated import was done within a Paul Hearthy Ltg Contained after missages and the section of the stamp. Ash Hearthy Ltg Contained after missages include best statistic change, job Shall the property of the selecting for the messages include best status change, job Last the job to that were activated and installed. The messages include best status change, job Last the job to that were activated and finalled. The messages include best status change, job Last the job to that were activated and finalled. The messages include best status change, job Last the job to that the case of the contained of the last status change, job Last the job to the last the last the job to the last status change, job Last the job to the last the last the last the last status change, job Last the job to the last the las									
SP7_New-33000 SP7_New-33040	Heading Heading	3.12 3.12.1	Spectrum Power Operating System Multisite Environment Support				No No						
SP7. Nnor-33053	SOB	3.12.1-1		The collection of control centers cooperatively managing a power system are known as a middless operative Managing any power point and some as a middless operative and particle on a managing or mana			Yes	20-04-13	Spectrum Power Operating i	Auflistie Environment (Compilant - STD	1 - Low	STD
SP7_New-33041 SP7_New-33044	Heading SOB	3.12.2 3.12.2·1	Quality Assurance System (QAS)	A QAS allows testing data changes without any implication to the production system. The production partors and DAS are independent from each other. The DAS takes the role of the			No Yes	20-04-13	Spectrum Power Operating 6	Quality Assurance System (Compliant - STD	1 - Low	STD
				Data Model Master. Modified and successfully tested IMM data is transferred from QAS to the production system only. Activations of the production system are always triggered on the IMM U1 at the QAS. (mage: Limp4dc87ebc70e553ed9da352390f74a9bc 1 en US TIFF.jpg)						/			
	l lood			A QAS allows lessing data changes without any implication to the production system. The Data Model Master. Modified and successfully sested MM data is transferred from QAS to the production system only. Advantations of the production system are allows to great the production system of Annabations of the production system are allows to great on the MM Figure 1: Implicatives. Transitional Science 1994 Annabation 1995 on the Progress of the MM Figure 2: The Implicative 1995 of the MM of th									
SP7. New:33042 SP7. New:33045	Heading SOB	3.12.3 3.12.3-1	Operator Yranning Sitsulator	If the QAS runs up the first time a full IMM database synchronization is done. If jobs already exist at the production system these are synchronized as well.			No Yes	20-04-13	Spectrum Power Operating	Operator Training Simulator	Compliant - STD	1 - Low	STD
		3.12.3 3.12.3-1		If the QSA curs up the first time a kill AMI database synchronization is done. If jobs already exist at the production system these are synchronized as well. AR Operator Training Simulator (CTS) enables of the production runtime system operators and crimitated conditions. The main system and the office OTS are independent from each france: Immg0TedS93713456bb66635229SS30302 [e. U.S. TFF.psg) Figure 38 OTS System Configuration — Seal Coversion — If the OTS runs up the first time a half deabbase synchronization is done with its main system.			No Yes		System	Operator Training Simulator		I - Low	STD
SP7. New-33001 SP7. New-33050	Heading SOB	3.13	AMM Access Rights	If the OSA can use pile first time a AM AM deabase synchronization is done. If jobs already and a the provisionary system has an eye private of a vee. If SA Operator Training Simulator (OTS) enables operators to practice notine system operators and or simulates conditions. The man system and the offers OTS are independent one acid freques — Implicate Sandard Sandard (OTS) enables operators to practice notine experience freques — Implicate Sandard (OTS) enables operators to grant freques — Implicate Sandard (OTS) enables operators of the other size of freques — Implicate Sandard (OTS) enables operators of the other size of freques — Implicate Sandard (OTS) enables of freques — Implicate Sandard (OTS) enables of frequest of the other size of frequest operators o			No.	20-04-13 20-04-13	Spectrum Power Operating Polystem MM Access Rights	Spenator Training Simulators	Compliant - STD Compliant - STD	1-Low	STD
	Heading	3.13		If the QSA curs up the first time a kill AMI database synchronization is done. If jobs already exist at the production system these are synchronized as well. AR Operator Training Simulator (CTS) enables of the production runtime system operators and crimitated conditions. The main system and the office OTS are independent from each france: Immg0TedS93713456bb66635229SS30302 [e. U.S. TFF.psg) Figure 38 OTS System Configuration — Seal Coversion — If the OTS runs up the first time a half deabbase synchronization is done with its main system.			No.		System IMM Access Rights	K			STD STD

SP7_New-33052	SOB	3.13.2-1	IBMM Console Access Rights	Access rights can be assigned for each instance individually. They describe what a user is aslowed to do with the respective instance in IMM (ever, modify and assign) mea access rights for this instance). Instance level access rights, define on what parts of the power network data model in RT, the user can do modifications. Thus, they limit the user's given IAM access rights.			Yes	20-04-13	IMM Access Rights	Instance Level Access Rights	Compliant - STD	1 - Low	STD
SP7_New-33048 SP7_New-33053	SOB	3.13.3-1	www.cursone.ecurson.egues	Console access rights allow for location-based access control based on the IMM UI server (console) where the user currently is working. The authorities are always calculated as intersection (common subset) of access rights for contact and user. Trus, granted IMM user access rights can be restricted by IMM console access rights.			Yes	20-04-13	IMM Access Rights	IMM Console Access Rights	Compliant - STD	1 - Low	STD
SP7_New-33049 SP7_New-33054		3.13.4 3.13.4-1	IMM Job Reservation	A single job is reserved for a particular user during its creation. The current job owner and an authorized user can reassign a job to a different user.			No Yes	20-04-13	IMM Access Rights	IMM Job Reservation	Compliant - STD	1 - Low	STD
SP7. New-33002 SP7. New-33055	Heading SOB	3.14-1	MMA Administration	MAM Admin Command Line Tool Managing Datasets How Mil Admin Sorghosts authorized sames the following functionally: How Mil admin sold provides authorized sames the following functionally: Cleaning all prints and instance data of a diseaset. Cleaning all prints instance data of a diseaset. Handaging the CAS connection. Handaging the CAS connection. For examine, detailed on the managinum in most errors after import gets abstead. For examine, detailed on the managinum in most errors after import gets abstead. For examine, detailed on the managinum in the most error after import gets abstead. For examine, detailed on the managinum in the most error after import gets abstead. For examine, detailed on the managinum in the most error and the most examine and			No Yes	29-04-13	IMM Administration		Compliant - STD	I - Low	STD
SP7_New-33003	Heading Heading	3.15 3.15.1	IMM User Interface Generals				No No						
SP7. New-33056 SP7. New-33077	SOB Heading	3.15.1-1		The BML of one he treated on any JL countie. MRL III man is Weldown or Lince. The clear to speciated an encoded anomatically own policy which the user instructs of MRL multiple destine had an optimized for the various data engineering workflows allow data access and definition that the special policy of			Yes	20-04-13	IMM User Interface	Generals	Compliant - STD	1 - Low	STD
SPT. New 33027 SPT. New 33078	SUB	3.15.2-1		The seach function above looking up instances by the relation come or parts of the instance name. Entering the record of parent instance more the seach range down to the documents of the selected instance. Readmidther characters can be used to extend the search for the search of the selected instances. Readmidther characters can be used to extend the search for the result of a search in a list of instances identified by their path. The user can evaple to and lengage. Lengther/SEATATATATATATATATATATATATATATATATATATAT			Yes	20-04-13	IMM User Interface	Search Function	Compliant - STD	1 - Low	STD
SP7_New-33058 SP7_New-33079	Heading SOB	3.15.3	Online Help	The online documentation consists of released Spectrum Power IMM manuals that have been converted into Portable Document Format (PDF) files. IMM has an integrated online help that			No Yes	20.04-13	IMM User Interface	Online Help	Compliant - STD	1 - Low	STD
			Stational Language Support	provides an extensive guide to the Information Model Management based on the Spectrum. Power IMM manusk-Help Information can be viewed using the context-sensitive help. This is done by clicking a user interface component and invoking a help viewer to show the related help topic.			No.			Overes Freque	Companin - 315	1 - 200	
SP7_New-33059 SP7_New-33080	Heading SOB	3.15.4-1	ченовень катуровую	National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configuration time. The character strings are translated using a standard translation software package and the transfer to the system is a system feature.			Yes	20-04-13	IMM User Interface	National Language Support	Compliant - STD	1 - Low	STD
SP7 New-33060	Heading SOR	3.15.5	Main Screen				No						
SP7. New-33060 SP7. New-33081		3.15.5-1		Once the MMI application states, is opens the main screen. The main screen represents an application framework or the AMI engineering oppositions; 1,127, PMC projit oppositions and the second of the AMI screen			Yes	20-04-13	IMM User Interface	Main Screen	Compliant - STD	1 - Low	STO
SP7_New-33061 SP7_New-33082	Heading SOB	3.15.6 3.15.6-1	Job Management	The Job management UI is used for the following:			Yes	20-04-13	IMM User Interface	Job Management	Compliant - STD	1 - Low	STD
				Coasia and rigina jab									
SP7_New-33062 SP7_New-33083	Heading SOB	3.15.7 3.15.7-1	Type Editor	The Type Editor is used for the following:			No Yes	20-04-13	IMM User Interface	Type Editor	Compliant - STD	1 - Low	STD
			Model and Copplice Editor	Coasia new lypes. **Coasia new lypes. **Proper Set Prope Editor **Proper Set Proper Set Prop			No					-	
SP7_New-33063	remains												

SP7_New-33084	SOB	3.15.8-1		The Model and Graphice Ealors used to "Velow and standing beginning before the control of the "Casta A new stratuce" and proper proper of the "Casta A new stratuce" and "Graphice Ealors A STANDING A New A N			Yes	20-04-13	IMM User Interface	Model and Graphics Editor	Compliant - STD	1 - Low	STD
				Create a new instance									
				* View, create, or modify network displays (image: 1-imgb53fe8e774f5ab749da3522a362d834f 2 en US PNG.png)									
				Figure 3-# Model and Graphics Editor									
				The screen is structured into different areas, dedicated to different views to the data. It appears once a lob is being opened. A set of editors and tools optimized for the various engineering									
				workflows allow data access and definition covering all aspects of data engineering. It has a									
				functions. The left panel shows a tree view of the model data. The attributes panel on the right is									
				able to present various views of the object attributes. Between both panels, multiple schematic									
				diagrams and connecting their terminals together, disconnecting objects, deleting objects, or by									
				editing the parameters of the objects in the resizable attributes panel. The panels can be regized by describe the reparators between them									
				sections. The left panel closurs is the view of the model data. The attributes panel on the right is able to present view of the object attributes. Elevente noth panels, multiple schematic- diangums and reports can be opened. The model is edited by dragging new objects into the diangums and connecting these terminatis tengelists, disordering objects, deleting objects of by the panels can be resized by dragging the separations between them. Diagram Concepts									
				A diagram consists of layers in which the presentation details can be distributed to several layers with potentially different magnification or visibility levels.									
				The keypoints are as follows:									
				The keypoints are as rotious: Support for regular layers A display consists of a set of layers where declutering by zooming is possible. The layer concept helps the display designer to organize the grouping and visibility of the network component representation.									
				concept helps the display designer to organize the grouping and visibility of the network									
				component representation. Support for overlay layers Overlays are special layers. They can be toggled on/off in run-time regardless of the zoom									
				level.									
				tever. Layer-based decluttering Each object is assigned to a layer. Layers can be defined to be visible only within a certain									
				zoom range.									
				zoom range. Only those objects are displayed that belong to a currently visible layer. Technological Editing									
				Technological editing allows creation, modification, and deletion of electrical power system									
				Technological editing allows creation, modification, and deletion of electrical power system domain data and topology in a graphical way during diagram construction. The following workflows are supported:									
				Create new graphical objects and new domain data using drag and drop from the topology									
SP7_New-33064 SP7_New-33085	Heading SOR	3.15.9 3.15.9-1	Multi-Instances Editor	The Multi-Instance Editor (MIE) allows for unor defined away filters on a combination of data			No Vor	20-04-13	IMM User Interface	Multi-Instances Editor	Compliant - STD	1 - Low	ern
				The Multi-Instance Editor (MIE) allows for user-defined query filters on a combination of data instances, attributes and associations. The retrieved objects and attributes can then be edited installantly on that is possible in the MM UL Quence can be defined, sward and loaded for reuse. (image: 1-img666/3cs33a2cc067/8ds3522a5eb01a89; 1_en_US_PNG.png) Figure 3 if Multi-Instances Edition			l'	Γ		Lawrence Land		[F"
	1			similarity to what is possible in the IMM UI. Queries can be defined, saved and loaded for reuse. (image: 1-img566f3cd3a2ce067f9da3522a5eb0fa89 1 en US PNG.pno)							1		
	1			Figure 3-# Multi-Instances Editor							1		
	1										1		
SP7_New-33065 SP7_New-33086	Heading	3.15.10	Symbol Editor		 		No						
SP7_New-33086	SOB	3.15.10-1		The Symbol Editor is used to edit symbols used on diagrams.			Yes	20-04-13	IMM User Interface	Symbol Editor	Compliant - STD	1 - Low	STD
	1			Figure 3.4 Symbol Editor							1		
1	1			Symbols are combinations of graphic primitives. Symbols play an important role for graphical representation of a domain data instance such as a circuit-breaker for the Spectrum Power			1	I	ĺ		1		
1	1			the Symbol Editor is used is cell symbols used on degrams; lenger: Hong-glifeccandd/Hadd500d-ad522a390d7737en_US_PNG.png) Figure 3-8 Symbol Editor Symbols are combinations of graphic primitives. Symbols play an important role for graphical representation of a domain data instance such as a circuit-breaker for the Spectrum Power furnition user infrarec depending on its current status.			1	I	ĺ		1		
	1	L											
SP7_New-33066 SP7_New-33087	Heading SOR	3.15.11	Color Editor	The Color Editor is used to view modify and define color values for color instances			Yes	20-04-13	IMM User Interface	Color Editor	Compliant - STD	1 - I ow	STD
				The Color Editor is used to view, modify, and define color values for color instances. (mage: 1-img38502002e24bb8b29da3522a0562ed85_1_en_US_PNG.png) Figure 3-# Color Editor			l	Γ				[]	F
	1			rigate 3-+ Cook East)									
SP7_New-33067 SP7_New-33088	Heading	3.15.12	Decision Table Editor				No						
SP7_New-33088	SOB	3.15.12-1		The Decision Table editor is used to maintain diagram decision tables for evaluating the presentation of dynamic display objects in the runtime environment based on their status,			Yes	20-04-13	IMM User Interface	Decision Table Editor	Compliant - STD	1 - Low	STD
				(mage: 1-img/Td7ced8e26b33ac9da3522a5c1df815_1_en_US_PNG.png) Figure 3-# Decision Table Editor									
				1									
SP7_New-33068	Heading	3.15.13	Shape Style Editor				No	20.04.13	IMM Liser Interface		Compliant - STD		
SP7_New-33089	SOB	3.15.13-1		The Shape Style Editor is used to create reusable shape styles which represent a particular graphic property combination that can be assigned to graphic objects instead of assigning multiple properties one after the other.			Yes	20-04-13	IMM User Interface	Shape Style Editor	Compliant - STD	1 - Low	STD
				multiple properties one after the other. (mage: 1-img9eb68944e2e11f3c9da3522a3378903a_1_en_US_PNG.png)									
				(mage: 1-img9eb68944e2e11f3c9da3522a3378903a_1_en_US_PNG.png) Figure 3-# Shape Style Editor									
									1				
SP7_New-33069	Heading	3.15.14	Style Group Editor	Chile annual and the service describes the disclarate behavior. The Chile Course Editor is used			No	20.04.12	MALI In a laterian	Philo Consus Editor	Complete CTD	1 1	CTD.
SP7_New-33069 SP7_New-33090	Heading SOB	3.15.14 3.15.14-1	Style Group Editor	Style groups are used to apply dynamic styles to display objects. The Style Group Editor is used to maintain unique styles matching the rules configured in the diagram decision tables by the			No Yes	20-04-13	IMM User Interface	Style Group Editor	Compliant - STD	1 - Low	STD
SP7_New-33069 SP7_New-33090	Heading SOB	3.15.14 3.15.14-1	Style Group Editor	Skyle groups are used to apply dynamic styles to display objects. The Skyle Group Editor is used to maintain unique styles matching the rules configured in the diagram decision tables by the Decision Table Editor. Decision Table Editor. Policy			No Yes	20-04-13	IMM User Interface	Style Group Editor	Compliant - STD	1 - Low	STD
SP7_New-33069 SP7_New-33090	Heading SOB	3.15.14 3.15.14-1	Style Group Editor	Style groups are used to apply dynamic styles to display objects. The Style Group Editor is used to maintain unique styles matching the rules configured in the diagram decision tables by the Decision Table Editor. (Image: 1-Img/18514466-274877343522a3052b381_1_en_US_PNG.png)			No Yes	20-04-13	IMM User Interface	Style Group Editor	Compliant - STD	1 - Low	STD
				Syle groups are used to apply dynamic styles to display objects. The Syle Group Editor is used to marketin unapse styles nationing the rules configured in the diagram decision tables by the Groupse Configured in the diagram decision tables by the Groupse Linguist Syle Marketin Style Syle Groupse Linguist Syle Group Editor.			No Yes	20-04-13	IMM User Interface	Style Group Editor	Compliant - STD	1 - Low	STD
			Sayle Group Editor				No Yes		IMM User Interface		Compliant - STD	1 - Low	STD
SP7 New-33069 SP7 New-33090 SP7 New-33070 SP7 New-33071	Heading SOB Heading SOB			The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic disciler objects in the runtime environment based on the combination of a decision			No Yes	20-04-13		Style Group Editor Style Logic Editor		1 - Low	STD
				The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic display objects in the runtime environment based on the combination of a decision table and a style group.			No Yes No Yes					1 - Low	STD
							No Yes No Yes					1 - Low	STD
SP7_New-33070 SP7_New-33091	Heading SOB	3.15.15 3.15.15-1	Syle Lagic Editor	The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic display objects in the runtime environment based on the combination of a decision table and a style group.			No Yes					1 - Low	STD
	Heading SOB	3.15.15 3.15.15-1		The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of objects; close to the number environment based on the combination of a decision (mage 1-ungeletel-relizazion/basisszca14adds40_1_em_US_PMG.pmg) Pigure 3 of Style Logic Editor.			No Yes					1 - Low	STD
SP7. New-33070 SP7. New-33091	Heading SOB	3.15.15 3.15.15-1	Syle Lagic Editor	The Syle Logic Editor is used to maintain style logics for evaluating the style of the presentation of diplantic display objects in the nutrine environment based on the combination of a decision image. I simple district 1712.8699/decision 2224.1446549_1_em_US_PMG.egg. Plague 3 of Syle Logic Editor. Figure 3 of Syle Logic Editor. Symbol organization and the style of			No Yes No Yes	20-04-13	IMM User Interface	Style Logic Editor	Compliant - STD	1 - LOW	STD
SP7_New-33070 SP7_New-33091	Heading SOB	3.15.15 3.15.15-1	Syle Lagic Editor	The Syle Logic Editor is used to maintain style logics for evaluating the style of the presentation of diplantic display objects in the nutrine environment based on the combination of a decision image. I simple district 1712.8699/decision 2224.1446549_1_em_US_PMG.egg. Plague 3 of Syle Logic Editor. Figure 3 of Syle Logic Editor. Symbol organization and the style of			No Yes No Yes	20-04-13	IMM User Interface	Style Logic Editor	Compliant - STD	1 - Low 1 - Low	STD
SP7_New-33070 SP7_New-33091	Heading SOB	3.15.15 3.15.15-1	Syle Lagic Editor	The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of objects; close to the number environment based on the combination of a decision (mage 1-ungeletel-relizazion/basisszca14adds40_1_em_US_PMG.pmg) Pigure 3 of Style Logic Editor.			No Yes No Yes	20-04-13	IMM User Interface	Style Logic Editor	Compliant - STD	1 - Low 1 - Low	STD
SP7_New-33070 SP7_New-33021 SP7_New-33071 SP7_New-4081	Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1	Style Lagie Editor Symbol Group Editor	The Syle Logic Editor is used to maintain typle logics for evaluating the syle of the presentation of digital clogicy digital in the unitine environment based on the contribution of a decision finance; Invaging fair of 11.1369 (Section 11.1369) (No Yes No Yes No No	20·04·13	IMM User Interface	Style Logic Editor Symbol Group Editor	Compliant - STD Compliant - STD	1-Low	STD
SP7. New-33070 SP7. New-33091	Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1	Syle Lagic Editor	The Syle Logic Editor is used to maintain typle logics for evaluating the syle of the presentation of digital clogicy digital in the unitine environment based on the contribution of a decision finance; Invaging fair of 11.1369 (Section 11.1369) (No Yes No No No No No No No Yes	20-04-13	IMM User Interface	Style Logic Editor	Compliant - STD	1-Low 1-Low 1-Low	STD STD
SP7_New-33070 SP7_New-33021 SP7_New-33071 SP7_New-4081	Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1	Style Lagie Editor Symbol Group Editor	The Syle Logic Editor is used to maintain typle logics for evaluating the syle of the presentation of digital clogicy digital in the unitine environment based on the contribution of a decision finance; Invaging fair of 11.1369 (Section 11.1369) (No.	20·04·13	IMM User Interface	Style Logic Editor Symbol Group Editor	Compliant - STD Compliant - STD	1-Low 1-Low 1-Low	STD STD
SP7_New-33070 SP7_New-33021 SP7_New-33021 SP7_New-4081	Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1	Style Lagie Editor Symbol Group Editor	The Syle Logic Editor is used to maintain typle logics for evaluating the syle of the presentation of digital clogicy digital in the unitine environment based on the contribution of a decision finance; Invaging fair of 11.1369 (Section 11.1369) (No.	20·04·13	IMM User Interface	Style Logic Editor Symbol Group Editor	Compliant - STD Compliant - STD	1-Low 1-Low 1-Low	\$10 \$10 \$10
\$77 New 33070 \$77 New 33071 \$77 New 33071 \$77 New 4081 \$77 New 4081 \$77 New 33072	Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1	Style Lagie Editor Symbol Group Editor	The Syle Logic Editor is used to maintain style logics for evaluating the style of the presentation of diplantic display objects in the nutrine environment based on the combination of a decision image. I simple district 1712.8699/decision 22224.4486549_1_em_US_PMG angle Figure 3 of Syle Logic Editor. Syle Logic Editor Syle Logic Editor of the Syle Syle Logic Editor of the Syle Logic Editor. Syle Logic Editor of the Syle Editor Editor of the Syle Editor Editor of the Syle Editor Editor of the Syle Logic Editor of the Syle Editor Editor of the			No N	20·04·13	IMM User Interface	Style Logic Editor Symbol Group Editor	Compliant - STD Compliant - STD	1-Low 1-Low 1-Low	\$10 \$10 \$10
\$77 New 33070 \$77 New 33071 \$77 New 33071 \$77 New 4081 \$77 New 4081 \$77 New 33072	Heading SOB Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16-1 3.15.16-1 3.15.17-1 3.15.17-1	Style Lagie Editor Symbol Group Editor	The Syets Logic Editor is used to maintain syet logics for evaluating the syle of the presentation of dynamic display objects in the nursime environment based on the combination of all decision language. In application of the combination of a decision language is required for 120.259 feeds (1922) and 1922 feed (1922) and 1923 feed (1922) feeds (1922) fee			No.	20 04-13 20 04-13 20 04-13	IMM User Interface IMM User Interface IMM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low	\$10 \$10 \$10
SP7_New-33070 SP7_New-33021 SP7_New-33021 SP7_New-4081	Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16 3.15.16-1 3.15.17 3.15.17-1	Syle Lago Editor Syntol Grap Editor Syntol Grap Editor	The Syets Logic Editor is used to maintain syet logics for evaluating the syle of the presentation of dynamic display objects in the nursime environment based on the combination of all decision language. In application of the combination of a decision language is required for 1210.859/biol.22214.466640_1_m_US_PMC4000_100_100_100_100_100_100_100_100_100			No. 1	20·04·13	IMM User Interface	Style Logic Editor Symbol Group Editor	Compliant - STD Compliant - STD	1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10
\$77 New 33070 \$77 New 33071 \$77 New 33071 \$77 New 4081 \$77 New 4081 \$77 New 33072	Heading SOB Heading SOB Heading SOB	3.15.15 3.15.15-1 3.15.16-1 3.15.16-1 3.15.17-1 3.15.17-1	Syle Lago Editor Syntol Grap Editor Syntol Grap Editor	The Syets Logic Editor is used to maintain syet logics for evaluating the syle of the presentation of dynamic display objects in the nursime environment based on the combination of all decision language. In application of the combination of a decision language is required for 1210.859/biol.22214.466640_1_m_US_PMC4000_100_100_100_100_100_100_100_100_100			No.	20 04-13 20 04-13 20 04-13	IMM User Interface IMM User Interface IMM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10
\$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072	Heading SOB Heading SOB Heading SOB Heading SOB SOB SOB	3.15.15 3.15.16 3.15.16 3.15.16 3.15.17 3.15.17 3.15.17 3.15.17	Syle Lago Editor Syntol Grap Editor Syntol Grap Editor	The Syle Logic Editor is used to maintain typle logics for evaluating the syle of the presentation of digital clogicy digital in the unitine environment based on the contribution of a decision finance; Invaging fair of 11.1369 (Section 11.1369) (No. 1	20 04-13 20 04-13 20 04-13	IMM User Interface IMM User Interface IMM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10
\$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072	Heading SOB Heading SOB Heading SOB Heading SOB SOB SOB	3.15.15 3.15.16 3.15.16 3.15.16 3.15.17 3.15.17 3.15.17 3.15.17	Syle Lago Editor Syntol Grap Editor Syntol Grap Editor	The Syetic Logic Editor is used to maintain syet logics for evaluating the syste of the presentation of dynamic display objects in the nutrine environment based on the contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syeties of the Contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syet			No. Yes No. No. Yes No. Yes No. Yes No. Yes No. Yes No. No. No. No. No. No. No.	20 04 13 20 04 13 20 04 13	MM User Interface MM User Interface MM User Interface MM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10
\$77 New 33070 \$77 New 33071 \$77 New 33071 \$77 New 4081 \$77 New 4081 \$77 New 33072	Heading SOB Heading SOB Heading SOB Heading SOB SOB SOB	315.15 315.16 315.16 315.16 315.16 315.17 315.17 315.17 315.18	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor	The Syetic Logic Editor is used to maintain syet logics for evaluating the syste of the presentation of dynamic display objects in the nutrine environment based on the contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syeties of the Contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syet			No. 1960	20 04-13 20 04-13 20 04-13	IMM User Interface IMM User Interface IMM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10
\$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072	Heading SOB Heading SOB Heading SOB Heading SOB SOB SOB	3.15.15 3.15.16 3.15.16 3.15.16 3.15.17 3.15.17 3.15.17 3.15.17	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor	The Syets Logic Editor is used to maintain syet logics for evaluating the syle of the presentation of dynamic display objects in the nursime environment based on the combination of all decision language. In application of the combination of a decision language is required for 1210.859/biol.22214.466640_1_m_US_PMC4000_100_100_100_100_100_100_100_100_100			No. Yes No. No. Yes No. No. Yes No. No. Yes No.	20 04 13 20 04 13 20 04 13	MM User Interface MM User Interface MM User Interface MM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10
3/7, New 33072 SPF, New 33073 SPF, New 33074 SPF, New 33072 SPF, New 33072	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB SCB	3.15.15 3.15.15-1 3.15.16 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.18-1	Style Logic Editor Symbol Grinip Editor Symbol Logic Editor Symbol Logic Editor Text Style Editor Availag Representation Editor	The Syetic Logic Editor is used to maintain syet logics for evaluating the syste of the presentation of dynamic display objects in the nutrine environment based on the contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syeties of the Contribution of a decision lenger. I Imagendari Art 123,609/6606322344466404_1, em_US_PMO angle property of the Syeties of the Syet			No.	20 04 13 20 04 13 20 04 13	MM User Interface MM User Interface MM User Interface MM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10
3/7, New 33072 SPF, New 33073 SPF, New 33074 SPF, New 33072 SPF, New 33072	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB SCB	3.15.15 3.15.15-1 3.15.16 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.18-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor	The Syle Logic Editor is used to maintain syle logics for evaluating the syle of the presentation of diseased cologic glogics in the nutrine environment based on the contribution of a decision family. The syle of the presentation of a decision family of the syle of the			No. 1960 No.	20 04 13 20 04 13 20 04 13	MM User Interface MM User Interface MM User Interface MM User Interface	Style Logic Editor Symbol Group Editor Symbol Logic Editor	Compilant - STD Compilant - STD Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
\$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072 \$P7. New 33072	Heading SOB Heading SOB Heading SOB Heading SOB SOB SOB	3.15.15 3.15.15-1 3.15.16 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.18-1	Style Logic Editor Symbol Grinip Editor Symbol Logic Editor Symbol Logic Editor Text Style Editor Availag Representation Editor	The Syle Logic Editor is used to maintain syle logics for evaluating the syle of the presentation of diseased cologic glogics in the nutrine environment based on the contribution of a decision family. The syle of the presentation of a decision family of the syle of the			No.	20 04-13 20 04-13 20 04-13 20 04-13	MAN User Interface	Style Logic Editor Symbol Croup Editor Symbol Logic Editor Text Style Editor Arabia Representation Editor	Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
3/7, New 33072 SPF, New 33073 SPF, New 33074 SPF, New 33072 SPF, New 33072	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB SCB	3.15.15 3.15.15-1 3.15.16 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.18-1	Style Logic Editor Symbol Grinip Editor Symbol Logic Editor Symbol Logic Editor Text Style Editor Availag Representation Editor	The Syle Logic Editor is used to maintain hybit logics for evaluating the syle of the presentation of diseased cologic glogics. In the nutrine environment based on the contribution of a decision from the contribution of a syle copie for the contribution of a syle copie for the contribution of a syle of the contribution of a syle copie for the contribution of t			No. 1945 No.	20 04-13 20 04-13 20 04-13 20 04-13	MAN User Interface	Style Logic Editor Symbol Croup Editor Symbol Logic Editor Text Style Editor Arabia Representation Editor	Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
3/7, New 33072 SPF, New 33073 SPF, New 33074 SPF, New 33072 SPF, New 33072	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB SCB	3.15.15 3.15.15-1 3.15.16 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.18-1	Style Logic Editor Symbol Grinip Editor Symbol Logic Editor Symbol Logic Editor Text Style Editor Availag Representation Editor	The Syle Logic Editor is used to maintain syle logics for evaluating the syle of the presentation of diseased cologic glogics in the nutrine environment based on the contribution of a decision family. The syle of the presentation of a decision family of the syle of the			No.	20 04-13 20 04-13 20 04-13 20 04-13	MAN User Interface	Style Logic Editor Symbol Croup Editor Symbol Logic Editor Text Style Editor Arabia Representation Editor	Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 20072 SF, New 20073	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Style Logic Editor Symbol Grinip Editor Symbol Logic Editor Symbol Logic Editor Text Style Editor Availag Representation Editor	The Syntic Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision improvement clopity objects in the nutrine environment based on the contribution of a decision improvement clopity objects are used to expend the contribution of the contribution of a decision improvement and the contribution of t			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
3/7, New 33072 SPF, New 33073 SPF, New 33074 SPF, New 33072 SPF, New 33072	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	3.15.15 3.15.15-1 3.15.16 3.15.16-1 3.15.17-1 3.15.17-1 3.15.18-1 3.15.19 3.15.19 3.15.19 3.15.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Syntic Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision improvement clopity objects in the nutrine environment based on the contribution of a decision improvement clopity objects are used to expend the contribution of the contribution of a decision improvement and the contribution of t			No.	20 04-13 20 04-13 20 04-13 20 04-13	MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$110 \$110 \$110 \$110 \$110
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Sylet Logic Editor is used to maintain style logics for evaluating the style of the presentation of disparatic clopity objects in the nutries environment based on the contribution of a decision flenges. I Imaginating 177-178-178-178-178-178-178-178-178-178-			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Sylet Logic Editor is used to maintain style logics for evaluating the style of the presentation of disparatic clopity objects in the nutries environment based on the contribution of a decision flenges. I Imaginating 177-178-178-178-178-178-178-178-178-178-			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1 - Low 1 - Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Sylet Logic Editor is used to maintain style logics for evaluating the style of the presentation of diseased copyling depicts in the nutries environment based on the contribution of a decision of diseased copyling depicts in the nutries environment based on the contribution of a decision (legist _integrit of \$1.000 per contribution of a decision (legist _integrit of \$1.000 per contribution of a decision (legist _integrit of \$1.000 per contribution of \$1.0000 per contributi			900 900 900 900 900 900 900 900 900 900	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor	The Syle Logic Editor is used to maintain hybit logics for evaluating the syle of the presentation of diseased copyling opens. In the nutrine environment based on the contribution of a decision of diseased copyling and syle of the presentation of decision (logicy diseased copyling). The syle of the presentation of a decision (logicy diseased copyling) and the syle of the syle			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1 - Low 1 - Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 3022 SF, New 3025 SF, New 3025	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor Analog Representation Editor	The Synital Cage: Editor is used to maintain synit logics for evaluating the synite of the presentation of dynamic clopity objects in the nutrine environment based on the contribution of a decision funge; a long-time for 1012-0976-088-072-14-4406-04-1, em. U.B., PNO angl) Pages 3 s Synital or 1012-0976-088-097-098-098-098-098-098-098-098-098-098-098			No. 1965 No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10 \$10
SF, New 20072 SF, New 20073	Heading SCB Heading SCB Heading SCB Heading SCB Heading SCB	315.16 315.16-1 315.16-1 315.16-1 315.17-1 315.17-1 315.18-1 315.19-1 315.19-1 315.20-1 315.20-1	Syle Lage Editor Synthol Group Editor Synthol Group Editor Synthol Lage Editor Text Syle Editor Analog Representation Editor Analog Representation Editor	The Syle Logic Editor is used to maintain hybit logics for evaluating the syle of the presentation of diseased copyling opens. In the nutrine environment based on the contribution of a decision of diseased copyling and syle of the presentation of decision (logicy diseased copyling). The syle of the presentation of a decision (logicy diseased copyling) and the syle of the syle			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1 - Low 1 - Low	\$10 \$10 \$10 \$10 \$10 \$10
577 New 30725 577 New 3073	Heading SCB Heading	3.15.15 3.15.16 3.16 3.16 3.16 3.16 3.16 3.16 3.16 3	Syle Logic Editor Symbol Group Editor Symbol Logic Editor Yeal Style Editor Faul Style Editor Analog Representation Editor Analog Representation Editor Analog Representation Editor Analog Representation Editor Facility Style Editor Facility S	The Syle Logic Editor is used to maintain hybit logics for evaluating the syle of the presentation of diseased copyling opens. In the nutrine environment based on the contribution of a decision of diseased copyling and syle of the presentation of decision (logicy diseased copyling). The syle of the presentation of a decision (logicy diseased copyling) and the syle of the syle			No. 1960 No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1-Low 1-Low 1-Low 1-Low 1-Low 1-Low 1-Low	\$10 \$10 \$10 \$10 \$10 \$10
SF, New 38072 SF, New 38073 SF, New 38073	Heading SCB Heading	3.15.15 3.15.16 3.16 3.16 3.16 3.16 3.16 3.16 3.16 3	Syntod Group Editor Syntod Group Editor Syntod Logic Editor Syntod Logic Editor Text Style Editor Auto Sone Alem Response Text Configuration	The Syle Logic Editor is used to maintain hybit logics for evaluating the syle of the presentation of diseased copyling opens. In the nutrine environment based on the contribution of a decision of diseased copyling and syle of the presentation of decision (logicy diseased copyling). The syle of the presentation of a decision (logicy diseased copyling) and the syle of the syle			No.	20-04-13 20-04-13 20-04-13 20-04-13 20-04-13	MAN User Interface	Syle Logic Editor Symbol Circup Editor Symbol Logic Editor Text Style Editor Analog Representation Editor Analog Representation Analog Save	Compilant - STD Compilant - STD	1 - Low 1 - Low	\$10 \$10 \$10 \$10 \$10 \$10

SP7_New-33102	SOB 3.16.1-1		The CMS, defined in sethed Modeling Leadings (MM), LMI, Lear are dispercionated in sequencial half describes a model as a collective of classes. Class analysis and secondary with the control of the collective of classes. Class analysis and secondary country of the collective of the collective of the collective of collective of the col				Yes	20-04-13	Fechnology and Concepts	Object-Oriented Data Modeling Approach	Compliant - STD	1 - Low	STD
			Within a system, a class represents a specific type of object being modeled. Each class can be a system at the countries of the class can be a system.										
			instantiated into any number of separate instances, known as objects in the object-oriented										
			programming paradigm, each containing the same number and type of attributes and relationships, but with their own internal values.										
			DOM uses a domain-oriented notation to describe the power system domain data model.										
			* Types (UML classes)										
			* Attributes (UML class attributes) * Associations (UML associations)										
			* Instances (UML instantiated classes)										
			Autinoties (clinic Lass antionities) Associations (LML associations) Instances (LML instantialistic classes) Types, attitubuses, and associations build the schema for the definition of instances. (image: I-imp\u00f606194e0c624lccida3559601731et2_1_en_US_TIFF.jpg) Figure 3-4* UML Example										
			Figure 3-# OML Example										
SP7_New-33098		IMM Types											
SP7_New-33098	Heading 3.16.2 SOB 3.16.2-1		Introduction				Yes	20-04-13	Fechnology and Concepts	IMM Types	Compliant - STD	1 - Low	STD
			Introduction A pipe is a logical structure of the DOM that defines the data organization and representation of Appets in a logical structure of the DOM that defines the data organization and representation of an interview of the pipe constitution of the pipe. The bit of ord types constitution that DOM. The types supplied by the DOM most the interview of the DOM most the interview of the DOM that the interview of the DOM that the interview of the DOM that the interview of the pipe interview of the DOM that the pipe interview of the DOM that the D										
			and relationships with other types. The full set of types constitutes the DOM. The types supplied										
			Type Name										
			The name is used to identify each type that must be unique across the entire system. Besides a name, types can have one associated label. Labels are language-specific. When										
			accessing type data, IMM automatically retrieves the label. Therefore, only the label is seen										
			Type Attributes										
			Attributes describe static characteristics of a type. For example, a type Switch can have the attribute Status that describes the current switch										
			position.										
			Each attribute has an associated data type that defines which kind of information can be stored in an attribute.										
			For example, assume the attribute Status from the previously used example has the data type binary value. Accordingly, the attribute Status can only assume the values 0 (Off) or 1 (On).										
			Each attribute has an associated data type that defines which kind of information can be stored in an attribute. For example, assume the attribute Status from the previously used example has the data type lanary value. Accordingly, the attribute Status can only assume the values 0 (Off) or 1 (On). Type Associations of the Status Control of the Status Control of the Status Control of the Values of Off) or 1 (On). Type Associations										
			Type Associations represent relationships between types. An association implies that one type Has A relationship with another type. For example, generator is A Member Of substation. Both types involved in the relationship are sware of each other. To define instance hierarchy and instance links, association are used in Spectrum Power IMM.										
			For example, generator Is A Member Of substation. Both types involved in the relationship are										
			aware of each other. To define instance hierarchy and instance links, association are used in Spectrum Power IMM.										
1			To destine insulance field attry and installation lank, associations used to dear in speciment in Power make. Associations used to deferme the instance hierarchy are parent-child associations. This relationship forces the arrangement of instances in a certain hierarchical order when instances are defined. Associations used to define links between instances are called reference associations. Reference associations are like parent-child associations. But unlike parent-child associations		1	1	1						
1			are defined.		1	1	1						
1			можнымить used to define links between instances are called reference associations. Reference associations are like parent-child associations. But unlike parent-child associations.		1	1	1						
1			which enforce a certain instance hierarchy, reference associations are general-purpose relationships which are used to define links between instances.			1	1						1
1			For example, a GeneratingUnit Has A Message Set.		1	1	1						
			which enforce a certain instance hierarchy, reference associations are general-purpose which enforce a certain instance hierarchy, reference associations are general-purpose relationships which are used to define finish to between instances. For example, a Generaling-Unit Has A Message Set Verfus are used to outline the purpose of an association and to reflect the characteristic of the system described by the association. Normally, the used verbs originate from the system										
CD7 Nov. 22000	Unadian 2.15.2		domain.		1	-							
SP7_New-33099 SP7_New-33104	Heading 3.16.3 SOB 3.16.3-1	Instance Data	For example, Head-Libes, Departed By. For example, Header Libes, Dopore System are represented in BMA as instances of data types. For example, Breaker is a type that describes all characteristics and behavior of circuit breakers. For example, Breaker is a type that describes all characteristics and behavior of circuit breakers. The critics set of instances constitution of the control of th		 	<u> </u>	Yes	20-04-13	Fechnology and Concepts	Instance Data	Compliant - STD	1 - Low	STD
			For example, Breaker is a type that describes all characteristics and behavior of circuit breakers. The circuit-breaker CB A1 contained within the bay Bay A1 is a real-world object - an instance of		1	1	1		-				
			the type Breaker whose characteristics and behavior are defined by the type Breaker.										
1			data type definitions. The instance is stored in the DOR and can then be accessed by the		1	1	1						
			application software through an Application Program Interface (API) called the Domain Object Interface (DOI).										
			instance Catigories Mil relations are categorized in special data containers like process interface, network, and so dimpa; - impal a feotographic physical policy and policy plant a Example of Contrace Categories. The category contains all those instances that are mandatory for the Spectrum Power 7 pypers. The instances must not be modified. The category contains all those instances that are mandatory for the Spectrum Power 7 pypers. The instances must not be notified. The category contains all those instances common to more than one specific category. There are additional categories of that kind with an application name attacked. For example, General 4HS, General 9KJ, Abh and so an Application and those process and those processing processing and the referenced applications.										
			on. Each instance category represents a group of related instances.										
			(image: 1-img2a16e00537b04f549da35296673a189b_3_en_US_PNG.png) Figure 3-# Examples of Instance Categories										
			* Do NotModify The category contains all those instances that are mandatory for the Spectrum Power 7										
			system. The instances must not be modified.										
			* General The category contains all those instances common to more than one specific category. There										
			are additional categories of that kind with an application name attached. For example, General-HIS, General-SCADA and so on										
			These categories contain those general purpose instances specific to the referenced										
			application. * Orphans The category contains information necessary for importing instance data in CIM-RDF format.										
1			* Areas				l						
			The category contains instance data for control areas, tie corridors, and AORs.										
			**Areas The category contains instance data for control areas, tie corridors, and AORs. **ICCP The category contains all ICCP instances.										
			*Areas: The category contains instance data for control areas, tie corridors, and AORs. The category contains all ICOF instances. For example, remote control center definitions like link, access, and server and client transfer deliritions and deliritions are delirities.										
			* Areas The catalogory contains instance data for control areas, the confiders, and AORs. LOCAL AREA CONTROL										
			* Faces : **Face : Face : Fac										
			* Faces : **Face : Face : Fac										
			Analas Operation of the Control of t										
SP7 New 33100 SP7 New 33105	Heading 3.16.4 SOB 3.16.4-1	Somein Cata Tripology	Analas Operation of the Control of t				No Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	1 - LOW	STD
SP7. New-33100 SP7. New-33105	Heading 3.16.4 SOB 3.16.4-1	Domain Cala Topology	Analas Operation of the Control of t				No Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	1 - Low	STD
SP7. New-33100 SP7. New-33105	Heading 3.16.4 SOB 3.16.4-1	Domain Data Topology	Analas Operation of the Control of t				No Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	1 - Low	STD
SP7. New-33100 SP7. New-33103	Heading 3.16.4 SOB 3.16.4-1	Sometin Casta Tripology	Analas Operation of the Control of t				No Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	I - LOW	STD
SP7. New-33100 SP7. New-33165	Heading 3.16.4 SCB 3.16.4-1	Bornani Cala Topology	Analas Operation of the Control of t				No Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	I - LOW	STD
SP7. New 33100 SP7. New 33105	Heading 3.15.4 Side 3.16.4.1	Domain Cala Topology	I Areas The Company contains instance data for control areas, to corridors, and AORs. TOC: The category contains all COP instances. The control of come infeations is to left, access, and soner and client transfer distintions and data. This category contains the power system network data instances. For example, no companies, substances, souther, and times. The category contains all instances specific to the process instrince. The category contains all instances specific to the process instrince. When deficiling how components with a power system needed juit together, called the data defined in the control of the process instrince. When deficiling how components with a power system needed juit together, called the data define the control of				No Yes	20-04-13	fechnology and Concepts	Domain Data Topology	Compliant - STD	2 - Low	STD
SF7. New-33100 SF7. New-33102	Heading 3.16.4 SOB 3.16.4-1	Domain Gala Topology	I Areas The Company contains instance data for control areas, to corridors, and AORs. TOC: The category contains all COP instances. The control of come infeations is to left, access, and soner and client transfer distintions and data. This category contains the power system network data instances. For example, no companies, substances, souther, and times. The category contains all instances specific to the process instrince. The category contains all instances specific to the process instrince. When deficiling how components with a power system needed juit together, called the data defined in the control of the process instrince. When deficiling how components with a power system needed juit together, called the data define the control of				No. Yes	20-04-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	1-Low	STD
SF7 New 33100 SF7 New 33102	Heading 3.16.4 SOB 3.16.4-1	Domain Cala Topology	I Areas The Company contains instance data for control areas, to corridors, and AORs. TOC: The category contains all COP instances. The control of come infeations is to left, access, and soner and client transfer distintions and data. This category contains the power system network data instances. For example, no companies, substances, souther, and times. The category contains all instances specific to the process instrince. The category contains all instances specific to the process instrince. When deficiling how components with a power system needed juit together, called the data defined in the control of the process instrince. When deficiling how components with a power system needed juit together, called the data define the control of				No Yes	20.04-13	Fechnology and Concepts	Domain Data Topology	Compilant - STD	I-Low	STD
SP7 New 31100 SP7 New 33100	Heading 336.4 336.43	Commant Data Topology	I Areas The Company contains instance data for control areas, to corridors, and AORs. TOC: The category contains all COP instances. The control of come infeations is to left, access, and soner and client transfer distintions and data. This category contains the power system network data instances. For example, no companies, substances, souther, and times. The category contains all instances specific to the process instrince. The category contains all instances specific to the process instrince. When deficiling how components with a power system needed juit together, called the data defined in the control of the process instrince. When deficiling how components with a power system needed juit together, called the data define the control of				ino Yes	26 04-13	Fechnology and Concepts	Domain Data Topology	Compilant - STD	2 - Low	STD
SF7 New 33100 SF7 New 33102	316.4 316.41	Domain Cala Topology	Program contains instance data for control areas, to considers, and AORs. LOCIP TOTO PROPERTY OF THE CONTROL AND ADDRESS AND				No Yes	2004-13	Fechnology and Concepts	Domain Data Topology	Compilant - STD	1-10w	STD
SF2 New 33100 SF2 New 33102	316.4 316.43	Commit Data Topology	Program contains instance data for control areas, to considers, and AORs. LOCIP TOTO PROPERTY OF THE CONTROL AND ADDRESS AND				Pub. TYES	2004-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	3 - Low	STD
957 New 33300 SF7. New 33302	Heading 13.6.4 316.41	Domain Cala Topology	Program contains instance data for control areas, to considers, and AORs. LOCIP TOTO PROPERTY OF THE CONTROL AND ADDRESS AND				No Yes	2004-13	Fechnology and Concepts	Domain Data Topology	Compliant - STD	1-10w	STD
SPJ New 23100 SPJ New 23100	316.4 316.43	Somen Data Topology	I Areas The Company contains instance data for control areas, to corridors, and AORs. TOC: The category contains all COP instances. The control of come infeations is to left, access, and soner and client transfer distintions and data. This category contains the power system network data instances. For example, no companies, substances, souther, and times. The category contains all instances specific to the process instrince. The category contains all instances specific to the process instrince. When deficiling how components with a power system needed juit together, called the data defined in the control of the process instrince. When deficiling how components with a power system needed juit together, called the data define the control of				loso Yes	20-04-13	Echnology and Concepts	Domain Data Topology	Compliant - STD	3-Low	510
SP2 New 31102 SP2 New 31105	316.4 316.41	Domain Call A Topology	Program contains instance data for control areas, to considers, and AORs. LOCIP TOTO PROPERTY OF THE CONTROL AND ADDRESS AND				No. Yes	20:04-13	Technology and Concepts	Domain Data Topology	Compliant - STD	1-Low	STD
527 New 21100 527 New 21105	Needing 316.4.	Somain Data Topology	Program contains instance data for control areas, to considers, and AORs. LOCIP TOTO PROPERTY OF THE CONTROL AND ADDRESS AND				No. Ves	2004-13	Fechnology and Concepts	Bornain Data Topology	Compilant - STD	T-Low	510
	Heading 316.4 316.41	Domain Call A Topology	I Angale Finding Transport contains instance data for control areas, the conditions, and AORs. FOOT				No. Yes	20:04-13	Fechnology and Concepts	Domain Data Topology	Complant - STD	I-Low	STO
SP. New 23103 SP. New 23103 SP. New 23103 SP. New 23103 SP. New 23103	3.18.41	Ouman Data Topology Distance	I Angale Finding Transport contains instance data for control areas, the conditions, and AORs. FOOT				No. Ves	2004-13 2004-13	Fechnology and Concepts Fechnology and Concepts	Domain Cata Topology Dolasort	Compilant - STD	ā-Low	\$10 \$10
	3.16.472	Domain Call's Topology Domain Call's Topology	I Angale Finding Transport contains instance data for control areas, the conditions, and AORs. FOOT				No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Duman Cala Topology Distance	I Angale Finding Transport contains instance data for control areas, the conditions, and AORs. FOOT				No. Yes			Domain Cata Topology Dollaset			\$10 \$10
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP industria. The category contains and COP industria. The category contains and COP industria. The category contains and COP industrial The category contains and the power system network data instances. The category contains a limitative specific to the process insertion. The category contains a limitative specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. When defining how components within a power system network pin together, steller from define direct connection between components. Other insertions are the contained process of the contained when defining how components within a power system network pin together, steller from define direct connection between components. Other insertions and world cipiess. This critical requires these COM instances to represent the piness of physical conduction and sound cipiess. This critical requires these COM instances to represent the piness of physical conduction and in common the process of the process				No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP industria. The category contains and COP industria. The category contains and COP industria. The category contains and COP industrial The category contains and the power system network data instances. The category contains a limitative specific to the process insertion. The category contains a limitative specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. When defining how components within a power system network pin together, steller from define direct connection between components. Other insertions are the contained process of the contained when defining how components within a power system network pin together, steller from define direct connection between components. Other insertions and world cipiess. This critical requires these COM instances to represent the piness of physical conduction and sound cipiess. This critical requires these COM instances to represent the piness of physical conduction and in common the process of the process				No. Yes			Domain Data Topology Dataset			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP industria. The category contains and COP industria. The category contains and COP industria. The category contains and COP industrial The category contains and the power system network data instances. The category contains a limitative specific to the process insertion. The category contains a limitative specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. When defining how components within a power system network pin together, steller from define direct connection between components. Other insertions are the contained process of the contained when defining how components within a power system network pin together, steller from define direct connection between components. Other insertions and world cipiess. This critical requires these COM instances to represent the piness of physical conduction and sound cipiess. This critical requires these COM instances to represent the piness of physical conduction and in common the process of the process				No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP industria. The category contains and COP industria. The category contains and COP industria. The category contains and COP industrial The category contains and the power system network data instances. The category contains a limitative specific to the process insertion. The category contains a limitative specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. The category contains and instances specific to the process insertion contains the power specific to the process insertion. When defining how components within a power system network pin together, steller from define direct connection between components. Other insertions are the contained process of the contained when defining how components within a power system network pin together, steller from define direct connection between components. Other insertions and world cipiess. This critical requires these COM instances to represent the piness of physical conduction and sound cipiess. This critical requires these COM instances to represent the piness of physical conduction and in common the process of the process				No. Yes			Domain Cata Topology Domain Cata Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes			Domain Cata Topology Domain Cata Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes			Domain Cata Topology Domain Cata Topology			STD
	3.16.472	Distance	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Cata Topology Domain Cata Topology			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Cata Topology Dotaset			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Data Topology Domain Data Topology			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Cata Topology Dataset			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Data Topology Dataset			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Cata Topology Dotaset			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Data Topology Dataset			STD
	3.16.472	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes			Domain Cata Topology Dataset			STD
SP7. New 33301 SP7. New 33306	Nation 3.15.5 Nation 3.15.5 Scot 3.16.9.1	Distort	Angua The category contains evaluate data for control areas, the contribute, and AORs. The category contains and COP indivisor. The category contains a few power system network data instances. The category contains a few power system metwork data instances. The category contains a few power system metwork data instances. The category contains and instances specific to the process instance and category contains and instances and category contains and characteristic waves definitions. When defining how components of their approach process process and category contains and ca				No. Yes No. Yes			Domain Data Topology Ostaset			STID
SP7. New 33301 SP7. New 33306	Heading 316.5 316.51	Distance	I Angular years or comment instance data for control areas, to contribute, and AOPts. TOCH TOCH AND				No. Yes Yes			Domain Data Topology Dataset			STD

				DML is a WGC standards-based text formal for interchange of data. The data is encoded as glain set, flux allowing it to be both human and machine readable. An JAM, file is also called an interaction Data import and Export MAI provides interfaces for instance data enchanges in the following DAM. Formats: The DAM provides interfaces for instance data enchanges in the following DAM. Formats: The DAM beam been defined by Semmes. It represents data more compact than the standard DAM REV. It is also easier for read since data is organized hierarchically as opposed to CMM REV.									
SP7_New-33112	SOB	3.17.1-1		XML is a W3C standards-based text format for interchange of data. The data is encoded as plain text, thus allowing it to be both human and machine-readable. An XML file is also called an			Yes	20-04-13	External and Internal	Data Exchange using XML Files	Compliant - STD	1 - Low	STD
				XML document.]						1		
				IMM provides interfaces for instance data exchange in the following XML formats:							1		
				* XDF The XDF format has been defined by Siemens, it represents data more compact than the							1		
				standard CIM-RDF. It is also easier to read since data is organized hierarchically as opposed to							1		
				* CIM-RDF that organizes data hat.							1		
				CIAN-DEF has drogsvized data flat. DEF as 2MA, Schema used be provide a Bamesook for data in an XMA. formal by allowing extation-citying to be defined between XMI. nodes. The CLIM-REF format is based on the IEC 81270-825 and IEC 6.0866.1 stalewated to the description of electricity governous registers, which is present to the contraction of the CLIM-DEF of the contraction of the CLIM-DEF of the							1		
				61970-452 and IEC 61968-13 standards for the description of electrical power systems.							1		
				CIM-RDF files do not necessarily contain all hierarchical links which are required to comply with the given instance hierarchy in IMM. Those instances for which no existing parent is defined get							1		
				imported and are located in the .RDF Orphans container, if configured. Within the .RDF							1		
				based on types can be configured, thus allowing to locate those instances in the desired IMM							1		
				hierarchy during import. Profiles allow filtering of exported engineering data. Profiles are based on types, attributes and							1		
				associations. Instance filtering of exported engineering data is based on logical expressions containing one or							1		
				homeonity during spoots. Automatical during of exposed engineering data. Profiles are based on types, attitibutes and associations. Instances tilening of exposed engineering data to based on bypes, attitibutes and associations. Description of exposed engineering data to based on bypical expressions containing one of Domain Object Hode (DoM) Import and Exposed engineering one of Domain Object Hode (DoM) Import and Exposed song XEF type definition. The DOM can be in Exposed and exposed in XEF Hode (Domain Contained Long) Import and exposed in XEF Hode (Domain Contained Long). The DOM covers the Stationary, and enumerations. The Domain Description of the Stationary of							1		
				Domain Object Model (DOM) Import and Export The Spectrum Power IMM data model is created using XDE type definition. The DOM can be							1		
				imported and exported in XDF format.							1		
				The DOM covers the following: * Types, attributes, associations, and enumerations.							1		
				* Help messages							1		
				various rules **MM Trigger definitions When the XDF Type definitions are imported by IMM, the IMM schema is automatically generated. Complete, partial and incremental DOM import is supported. DOM export can be complete or partial. This allows for ease of adding model extensions to meet fast changing							1		
				When the XDF Type definitions are imported by IMM, the IMM schema is automatically penerated. Complete, partial and incremental DOM import is supported. DOM export can be							1		
				complete or partial. This allows for ease of adding model extensions to meet fast changing							1		
				For example, if a new type or attribute is needed in IMM, once the XDF definition of the new type or attribute is imported into IMM, the end-user will immediately be able to use the new							1		
SP7_New-33108	Heading SOB	3.17.2	Data Export using CSV Files	type or attribute is imported into IMM, the end-user will immediately be asse to use the new			No	20.04-13			Compliant - STD	1.100	
SP7_New-33113	SOB	3.17.2-1		ACT is a common separated value. Rife, which allows data to be stored in a table storctured, ACT is a common separated value. Rife, which allows data to be stored in a table storctured, felds, separated by comman. The use of the comman as a feld separater is the source of the felds. Separated by comman. The USC by the forms is not assendanced. Sty files can be used with parameter but the both man. The CSC by the forms is not assendanced. Sty files can be used with parameter but the store of the in that you can only have a single sheet in a file, they cannot stave coll, column, or now shipting and common stave forms. A CSC bit is not stable to describe herearched structures by listed, and common stave forms. A CSC bit is not stable to describe herearched structures by listed, and the start of			Yes	20-04-13	External and Internal Interfaces	Data Export using CSV	Compliant - STD	1 - Low	STD
				fields, separated by commas. The use of the comma as a field separator is the source of the							1		
				any spreadsheet program, such as Microsoft Excel. They differ from other spreadsheet file types							1		
				in that you can only have a single sheet in a file, they cannot save cell, column, or row styling, and cannot save formulas. A CSV file is not able to describe bierarchical structures by itself.							1		
				therefore IMM takes care to add the instance path and IID by default.							1		
-1	1			present on the control of the contro	1		1				1	1	1
	1			Instance filtering of engineering data to be exported are supported similarly to CIM-RDF export. Multi-Instances Editor Result Table Export							1		
1	1			The current content of the Multi-Instances Editor Result Table can be exported. The result table	1		1		J		1	1	ı I
1		1		ы ондимины и от an Editor query within a selected instance hierarchy.	1						1		
1		1			1						1		
SD7 New 22100	Unnel	2172	The Formate for Country Date Frontesson										
SP7_New-33109 SP7_New-33114	Heading SOB	3.17.3	File Formats for Graphic Data Exchange	Capital diagram data part file interplace, social by the Speciation Preven Capitals Editor can be expected and expected. With the SPEC of SPE			No Yes	20-04-13	External and Internal	File Formats for Graphic	Compliant - STD	1 - Low	STD
	1	1		imported and exported in XDF and RDF format. These formats allow keeping the links to					Interfaces	Data Exchange	1	1 1	ľ L
1	1			Symbols in Global Figures	1		1				1	1	1
1	1			The symbols used in global figures are using the Scalable Vector Graphics (SVG) format. They can be imported and exported in SVG file format by the symbol editor	1		1		J		1	1	ı I
				Embedded Raster Graphic Images							1		
				Raster graphic images (for example photos or photo-realistic images) can be embedded and shown in diagrams. The supported raster image file types are Portable Network Graphic (PNG)							1		
				and Joint Photographic Expert Group (JPEG).							1		
											1		
SP7_New-33110	Heading	3.17.4	ASR Mapfiles				No						
SP7_New-33115	SOB	3.17.4-1		ASR mapfiles are mapping instructions that specify how the instance data in IMM is transformed into the structures used by Specifium Prover runtime applications. This mapping is used for the structure of the Specific mapping in the Specific mapping is used for the SPR mapfiles is Studies of the SPR specifies in the Semant of the SPR mapfiles is the SPR mapfiles in the SPR mapfiles is the General Data Transformation Service application that reads ASR mapfiles practices treatment due from IMM and writes the data into ISA specific structures.	1		Yes	20-04-13	External and Internal Interfaces	ASR Mapfiles	Compliant - STD	1 - Low	STD
				incremental and full population of both RDBMS based and SMMF based ASRs. The format of					menuces		1		
				the ASR mapfiles is XML. GenDTS is the General Data Transformation Service application that reads ASR mapfiles,							1		
				extracts instance data from IMM, and writes the data into ASR specific structures. AMMF-based ASR Morpflet: SIMMF stands for Shared Memory Map File. When GenDTS processes an SMMF-based ASR mapfile, it generates an output file called the ASR SMMF Change Log. This is a binary file containing the instance data optimized for loading into a Spectium Power runtime application RDBMS-based ASR Mapfiles:							1		
				SMMF stands for Shared Memory Map File. When GenDTS processes an SMMF-based ASR							1		
				mapfile, it generates an output file called the ASR SMMF Change Log. This is a binary file containing the instance data optimized for loading into a Spectrum Prover puriting application.							1		
				shared memory. RDBMS-based ASR Mapfiles							1		
				RDBMS stands for Relational Database Management System. RDBMS based ASR mapfiles are							1		
				similar in format to the SMMF based ones. The generated ASR structures are in one of two formats — either an ASR change log or ASR tables — determined by the ASR nintime system.							1		
				type value in the SMI dataset for the ASR. Depending of the value either an ASR change log is							1		
				generated or ASK tables are generated. The ASK change log is a binary tile. ASK tables are tables within the DOR dataset that are used by job transfer to Spectrum Power relations. These							1		
				BIOMEN seared ASM Maphiles. Distance Management System Profiles in Assessment System Profiles based ASM registers and remained in formation between Seal Profiles and Seal Pr							1		
				and the same of th							1		
											1		
SP7_New-33111	Heading	3.17.5	Command Line Interface				No						
SP7_New-33116	Heading SOB	3.17.5-1		The command line interfaces allow to interact with IMM by typing in commands in a command line to do in the console. The command line tool can be called from a shell of from spots. The law document line loot can be paid to the as shell of them spots. The IMM command in loot can be called from a shell of from spots. The IMM command in loot can be called from a shell of from spots. The IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command in the IMM command is shell of the IMM command in the IMM command in the IMM command is shell of the IMM command in the IMM command in the IMM command is shell of the IMM command in the IMM command is shell of the IMM command in the IMM command in the IMM command is shell of the IMM command in the IMM			Yes	20-04-13	External and Internal Interfaces	Command Line Interface	Compliant - STD	1 - Low	STD
				line tool on the console. The command line tool can be called from a shell or from scripts. The IMM command line tools are supplied together with IMM.					Interfaces		1		
				IMM Export The IMM Export utility allows to export instance data under a defined instance hierarchy from an							1		
				IMM job in the formats XDF, CIM-RDF, and CSV. The utility is available on the ADM / Linux.							1		
				The IMM Import utility allows to import a set of data files into a job. The supported data formats							1		
											1		
				The IMMCSVExport utility DQL allows to query IMM instance data in a SQL-like language (DQL))						1		
	1			Internative Section (International Control of the Management of Management of the							1		
	1			IMMM Admin Tool (IMMMCMU) The IMM admin tool allows to manage the IMM datasets, the IMM static model archive and the QAS connection. The utility is available on the ADM / Linux.							1		
1	1			Will bear	1		1				1	1	1
	1										1		
		1										ullet	\square
SP7_New-33006 SP7_New-33117	Heading Heading	3.18.1	System Characteristics Auditing				INO No					\vdash	
SP7_New-33122	SOB	3.18.1-1	-	IMM job auditing keeps track of the last user and the last time graphical or domain instance data			Yes	20-04-13	System Characteristics	Auditing	Compliant - STD	1 - Low	STD
	1			changes were made in a job. The previous value and the value changed by a job are reported. For a given instance of data within a specified time frame, the lifecycle of modifications can be identified as well.							1		
1		1		within a specified time frame, the lifecycle of modifications can be identified as well.	1						1		
SP7 New-33118	Heading	3.18.2	Authorization and Security				No					\vdash	
SP7_New-33118 SP7_New-33123	Heading SOB	3.18.2-1		The IMM security service is part of the overall Spectrum Power security strategy to protect the system against unauthorized use. A multilevel security concept ensures the secure operation of			Yes	20-04-13	System Characteristics	Authorization and Security	Compliant - STD	1 - Low	STD
1	1			system against unauthorized use. A multilevel security concept ensures the secure operation of Spectrum Power IMM.	1		1				1	1	1
1	1			system against utilizationated user. A management security concept ensures are securit operation to Spectrum Power MM. The IMM security comprainty relies on the following: User and IMM console access rights Security permissions	1		1				1	1	1
	1			* User and IMM console access rights							1		
1	1			* Security permissions * Instance level access rights	1		1				1	1	1
	1			* Security permissions *Instance level access rights User Authorization User Authorization is performed when the user logs on to Spectrum Power IMM using user name and password. Spectrum Power IMM users are stored within Corsolle and User Management (CUMAN), an application of Spectrum Power 7. The operating system performs Management (CUMAN), an application of Spectrum Power 7. The operating system performs							1		
	1			name and password. Spectrum Power IMM users are stored within Console and User	1			l l	J		1	1	
	1			Management (CUMAN), an application of Spectrum Power 7. The operating system performs user authentication.							1		
1	1			user authentication. Alternatively, the Spectrum power user is configured for Single Sign-On (SSO). With this method, the user provides the (Operating System) credentiats to login to the workstation and authorized users are allowed to access the Spectrum Power IMM without re-entering username.	1		1				1	1	1
1	1			authorized users are allowed to access the Spectrum Power IMM without re-entering usemame	1		1				1	1	1
1	1			and password credentials.	1		1				1	1	1
1	1			User Access Nights Obtain entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the engineering dataset. For example, RT, UA and the requested action (for example, data engineering, activation). The supported access rights are as follows:	1		1				1	1	1
1	1			For example, RT, UA and the requested action (for example, data engineering, activation).	1		1				1	1	1
1	1			The supported access rights are as follows: I Instance data engineering (EngineeringInstance)	1		1		J		1	1	ı I
1	1			Instance access right for RT, Application Configuration (AC) and Planning (if enabled).	1		1				1	1	1
1	1			The supported access rights are as violons. *Instance data engineering (Engineering)instance) Instance access right for RT, Application Configuration (AC) and Planning (if enabled). *Type data engineering (Engineering Type) Type modification access right for RT, Application Configuration (AC) and Planning (if enabled). Type wording access right for IRT, Application Configuration (AC) and Planning (if enabled).	1		1		J		1	1	ı I
	1			Type viewing access right for all RT, Application Configuration (AC) and Planning (if enabled), for permission View.							1		
1		1		Type Vewing access right for all H1, Application Configuration (ALL) and Hahming (it enabled), for permission Vewing access right for all H1 Application (Data accession (All Application)). Data accession (Agricus Principation) Selection management information in statutance data engineering (SystemManagementinformation)	1						1		
1		1		Data activation right for RT. * Engineering dataset administration (EngineeringDatasetAdministration)					J		1	1 1	
				Dataset administration right for all datasets * System management information instance data engineering (SystemManagementInformation)]	J		I		
				Dataset administration right for all datasets * System management information instance data engineering (SystemManagementinformation) Instance access right, Type modification access right, Type viewing access right and data									
				Dataset administration right for all datasets *System management information instance data engineering (SystemManagementinformation) Instance access right, Type modification access right, Type viewing access right and data activation right for dataset SMI. *Us instance data engineering (SecurityAdministration)									
SP7 New-33119	Heading	3.18.3	Sc alability	Tegrine enrigi dataset administration (prejineering usassesemministration) enrigineering usassesemministration (prejineering usassesemministration) enrigineering (SystemManagementinformation) instance access right, Type modification access right, Type weeking access right and data accession right for dataset SMI. **UA restance data engineering (Security/Administration) Instance data engineering (Security/Administration)			No						

97. New 23126 SO 97. New 23126 SO 97. New 23127 New 23127 New 23127 New 23127 SO 97. New 23127 New 2312	3.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18	.18.4-1	itadup and Restore Sardware Deployment Jan Royal Torons	The Endow and Indicates of MM provides scalability regarding: **Data Volume per diddent** **Pagination of the operation of a Spectrum Power system is spill into four logical.** **Pagination configuration distant (SM) **Pagination Power Backup concept provides a mutual interfact of backup and activation by: **Pagination Power Backup concept provides a mutual interfact of backup and activation by: **Pagination Power Backup concept provides a mutual interfact of backup process is in propers.* **Pagination Power Backup concept provides a mutual interfact of backup process is in propers.* **Pagination Power Backup concept provides a mutual interfact of backup process is in propers.* **Pagination Power Backup concept provides a mutual interfact of backup provides in in propers.* **Pagination Power Backup concept provides a mutual interfact of backup provides in in propers.* **Pagination Power Backup concept provides a mutual interfact of backup provides in in propers.* **Pagination Power Backup concept provides a mutual interfact of backup per department.* **Pagination Power Backup concept per department.* **Pagination			Yes No	2004-13 2	System Characteristics System Characteristics	Backup and Restore Hardware Deployment	Compliant - STD Compliant - STD Compliant - STD	1-Low	STD STD
927 New 33121 New 23126 SO 97 New 23126 SO 97 New 23126 SO 97 New 23127 New	28 3.18 sading 3.18 sading 3.19	18.4-1 18.5 H 18.5-1	Nordware Deployment	To meet customer requirements regarding system sizing, availability and performance, different BAM Copingment within Spectrum Power 7 private in the Copingment within Spectrum Power 7 private in a Science in Town 7 private in a Science in Town 7 private in a Science in Copingment Power P			No Yes		System Characteristics I	Backup and Restore Hardwere Deployment		1 - Low	STD
97 New 2000 44	58 3.18 sading 3.19	.18.5-1	ion Enritroid Travs	The designment scenario apported by MM within a Spectrum Prown? Typtom is as follow: Type 12 or			No Yes	20-04-13	System Characteristics	Hardware Deployment	Compliant - STD	1 - Low	STD
	sading 3.19 sading 3.19 3.19		ster-functional Topics.	The designment scenario apported by MM within a Spectrum Prown? Typtom is as follow: Type 12 or									! [
	sading 3.19 sading 3.19 OB 3.19		lace functional Topics ser interface	Page 3-8 MM User tentrice Showing the Commiss Model Tree and Instance Allerbades Showing the Commiss Model Tree and Instance Allerbades Showing the Commiss Model Tree and Instance Allerbades shaping of the working erea. Totally help shape shows a description of the attribute when hovering with the mouse posture. The Commission of the									
	3.19 3.19	19.1-1	ARE THININGS	Images 1 images delta distribution and the common delta della delta della delta della delta della delta della dell			No No						$\overline{}$
SP7. New-33128 Heal				Figure 3 - 4 MM. User Interface Showing the Comain Model Tiree and Instalance Authorized The authorized and institute values of the selected instance in the Instalance Interval scipling of in the working area. Tooligh help shows a description of the attribute when howering frame; 2 - Impact Model Tools (The Model Compact			Yes	20-04-13	Non-Functional Topics	User Interface	Compliant - STD	1 - Low	STD
SP7_New-33131 SO	andina 2.10	10.3	Performance Parameters	Finago: 4-lingQ11160c337066ed543132965ed6ab432_e_m_US_PNG_png) Figure 3-6 Detailed Change Log Report (Image: 5-lingG334c00737055e0666435296557e06ac_2_em_US_PNG_png) Figure 3-6 BMI information Window Displaying Help information for a Selected Data Type Analog									
	eading 3.19	.19.2 P	Performance Parameters	Table # Performance Test Results for Data Engineering on a distributed Control Center System			No Yes	20-04-13	Non-Functional Topics I	Performance Paramenters	Compliant - STD	1 - Low	STD
				Table # Performance Trest Results for Data Engineering on a distributed Control Center System Property of the Performance Trest Results for Data Engineering on a distributed Control Center System Property of Table 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (
SP7_New-33129 Hes SP7_New-33132 SO	eading 3.19 OB 3.19	19.3 S	izing	System Stizing Data Model Related System Operation and Environment Maximum number of supported Emergency Backup Systems for Main Control Center 1 [maximum] Maximum number of MM USs per ADM 6			No Yes	20-04-13	Non-Functional Topics	Sizing	Compliant - STD	1 - Low	STD
SST Nam 33 V				Meanman marther of MM (Lip per AUM) (c) Meanman flex eith of Man per AUM) (c) Meanman flex eith of Man model enchange (import and esport) (13 CBI (maximum)) (* Meanman dias instances to be edited, modeled, debeted with a single pol (15 00) Meanman marther of Man (Marthau) (Marthau) (Marthau) (Marthau) (Maximum) (Maximum) (Marthau) (Maximum)									
SP7_New-33130 Her SP7_New-33133 SO	eading 3.19 DB 3.19	19.4 F	Referenced IEC Standards	IEC 61970-301: Energy management system application program interface (EMS-API) – Common information model (CIM) base		1	No Yes	20-04-13	Non-Functional Topics	Referenced IEC Standards	Compliant - STD	1 - Low	STD
				EC 63950.1 I System interfaces for distribution management - Common information model EC 62950.1 I System interfaces for energy management of communications - Common information model EC 6297.0 I Energy management system application program interface (SMA 74) - CMV Basic transmission instant model profiles. The is also commonly shown an GPM profile EC 63970.4 EL Fine principal system application program interface (SMA 74) - CMV Diagram layer profile Diagram layer profile Common information model resource of system application program interface (SMA 74) - Common information model resource of system application program interface (SMA 74) - Common information model resource of system application program interface (SMA 74) - Common information model resource of system application program interface (SMA 74) - Common information model resource of system application program in CMA RGF Model exchange section for resource of the system o									
\$P7_New-40282 SO	SP7 402i	P7_New- 0282		Ex. 0.1377-30.1; Energy rearragement system application program interface (EMS-APV) - Common deformation and cell (EM) basis EX 0.536-21; I System interfaces for distribution management - Common information model EX 0.537-30.1; Frences for energy market communications - Common information model (EAR) description for markets (EAR) desc			Mo				Compliant - STD	1 - Low	STD

SP7 New-40281 SOB SP7 New- System Sizing Data Model Related							
Spatien Operation and Endowment. (Cheatman) Control Control Control (Center 1 Center 1 Center	12		~		Compilant - STD	- 100	
127 New 40000 SP7 New 40000 SP7 New 40000 Table 8 Performance Test Results for Data Engineering on a distributed Control Centur Spring (and the second class), 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (< 2 330 15 < 15 < 16 < 1700 17		No.		Compilant - STD	1.1 Low	arro
IP New 40272 SCB SPT New 40277 SCB SCB SCB SCB SCB SCB SCB S	e-line		Mo		Compliant - STD	1 - Low	STD
SP New-40274 SCB SP New-40274 SCB SP New-40274 To need customer registering system array, availability and performance, off standard flashbases configurations are defined. AM Deployment Wiley Spectrum Power? In the special spectrum Power of the spectrum Power of the spectrum Power of the spectrum Power of the special spectrum Power of the spectrum Power of pulliform Spectrum S	15		No		Compliant - STD	1 - Low	STD
P7 New 40273 SOB 977 New. The Spectrum Develope Control of Control	by: ess		No		Compliant - STD	1 - Low	STD
IP - Neura 40772 SOB IP - Neura 40772 The facilità evidenciar of MM provides scalability regarding: - Naurinor of distolets - Data volume per distolet - Page distolet of per la population of Speciarum Power system is spill viso four logical, independent distolet Page distolet or promotion distolet (SM) - Agriptication configuration distolet (AC) - These four distolets er all volume of distolet (PA) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - These four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - The four distolets er all volume of distolets (AC) - T			No		Compliant - STD	1 - Low	STD
The IMM security personal is part of the overall Spectrum Proces accounty strating to protect operation against countralisation and inflicted security concept ensures the security operation segment countralisation. In a security relates on the following: 1. User and IMM commission security relates on the following: 1. User and IMM commission security relates on the following: 1. User and IMM commission security relates on the following: 1. User and IMM commission security relates on the following: 1. User and IMM commission security relates the security of the securi	THS and		No.		Compilant - STD	1 - Low	STD
527 New-50270 SOE SET View-50270 SOE SET VIE	ata		nuo		Compilant - STD	ı - LOW	טוט

SP7_New-40264	SOB	SP7. New- 40264	The command line interfaces allow to interest with MMM by paying in commands in a command in the solid on the consider. The command line can be called from a solid. The MAM began of the command of the can be called from a solid or the solid or the MAM began of the case			No		Compliant - STD	1 - Low	STD
SP7_New-60263	S08	SP7. New- 40263	CRT maylists are reagenty productions that specify how the relations data in MM is transferrored into the destinations of the Specimen Power states applications. The managing is used that of the ASP registers 50ML. The ASP registers 50ML. The ASP registers 50ML registers for the state of			No		Compliant + STD	1 L.DW	STD
SP7_New-40262	SOB	SP7_New- 40262	Completed designed and set the templates used by the Spectrum Power Graphics Elder can be improved and expected and VET and IEEE Private Times bermals sinkle seringing the links to Private Annual Private Pr			No		Compliant - STD	1 - Low	STD
SP7_New-40261	SOB	SP7_New- 40261	A CSV is a corress separated values (fig. which allows data to be stored in a table structured, paint not format. Each time of the file is able some Each show cod created don't or row paint not format. Each time of the file is able some Each show cod created of one or more parameter for its file format. The CSV is formed to not standardard. CSV files can be used with your presentables report, much as Microsoff Each. They differ from one fire separations file topy of control and the standard paint of the standard cannot also formation. A CSV is not able to describe herearchical structures by filed, therefore filed filed some is add the instance of paint of control and to file yellow. The instance fileways of perspecting data to be exceeded an exposited softward by CSV in the CSV in			Mo		Compliant - STD	1 - Low	STD
(P) New 4000	Sce	SP7 New- 40260	NML is a WIZE stendards-based text formal for interchange of data. The data is encoded as joint not, the allowing it to be other forman and machine-residute, An JML file is also collect an interchance Data Imperior and Equation (Inc.) and Inc. of the Inc. of			No.		Compilant - STD	I - Low	STD.
(P) Nov. 60014	SOB	SP7 New- 40254	Name of the section o			No.		Compliant - STD	1-15w	isto.

Section 1 and 1 an											
A CONTRACT OF THE CONTRACT OF	SP) New-40253	SOB	SP7 New- 40253	Images - Pempkeh-Bothor/teal 3662-366282 - E. m. U.S. TIPF pg) Figure 1 Connectivity Passami-C-cucta will forecratively Nodes Figure 1 Connectivity Passami-C-cucta will forecratively Nodes Figure 2 Connectivity Connectivity Connectivity Passami-C-cuctavity Connectivity Passami-C-cuctavity Connectivity Passami-C-cuctavity Passami-P-cuctavity Passami-P-cuctavity Passami-P-cuctavity Passami-P-cuctavity Passami-P-cuctavity			No		Compilant - STD	I - Low	STD
An analysis		SCB	597 New- 40252	The invarious must not be modified. The category contest is allowed at lower large or the first process of the fi			No.			1-1.0w	şrio.
Fig. 16 and Section (Cont. Section (SOB		a metain resoluter (for example, a corrol breaker), Each type can have to own inemal attribute and residenting use interfer (special from the control of the			Sico			E-Low	STD
spidors, for a selected datum canage, using a faller flow of the following larges and a selected flow of the following larges and th		SOB	SP7 New- 40250	Admission (Old, class admission) Factories (UM, extraories) Factories (UM, Example NoticeRecolasioS2900173462_1 m _ (S_TTFF)pg) Factories (UM, Example NoticeRecolasioS2900173462_1 m _ (S_TTFF)pg)			No			1 - Low	STD
27 New 40322 SOB SPT New N			40244	spotens, for a elected damn messeape, using an Alaem Response Duggam. The daggam is a for a claim. This city of daggam is backed in the better Prescription. Daggams. A alam for a claim. This city of daggam is backed in the better Prescription. Daggams. A sub- mergence in the prescription of the prescription. The prescription of the daggam of the prescription of the daggam of the prescription of the prescription of the daggam of the prescription of the daggam of the prescription of the prescription of the daggam of the prescription of the prescription of the daggam of the prescription of the prescr			No -				STD
SPT_New_400401 SGB SPT_New_400401 SGB SPT_New_400401 STD SPT_New_400400 SGB SPT_New_40040							No				STD
#0041 properly combination fail can be excipted to gapting to combination fail can be excipted to gapting to gapting the property combination fail can be excipted to gapting the property of	SP7_New-40242	SOB	SP7_New- 40242				No		Compliant - STD	1 - Low	ISTD
SCR SPT New 40300 SCB SPT New 40350 SCB SPT New 40350 SCB SPT New 40350 STP New 40350 SCB SPT New 4035	SP7_New-40241	SOB	SP7_New- 40241	The Text Style Editor is used to create reusable text styles which represent a particular graphic properly combination that can be assigned to graphic text objects. (mage. 1-imp6x18bbt/er/21b1a4b9da3522a5904cc96_1_en_US_PNG.png) Figure # Text Style Editor			No		Compliant - STD	1 - Low	STD
	SP7_New-40240	SOB	SP7 New- 40240	The symbol capic Editor is useful or maintain symbol logics for evaluating the symbol of the symbol of of a common depth office. In the rustime environment based on the combination of indepth table and a symbol logical securities environment based on the combination of (range: L-Img7ade46-6887/0966463827266-616511_e e_ US_PMG.png) Figure # Symbol Logic Editor			No		Dompliant - STD	1 - Low	STD

\$27 New-40232 SOB \$77 New-40238 SOB \$77 New-40237 SOB	SP7_New- 40239 SP7_New- 40238	Dymbol groups are used to apply dynamic symbols to display objects. The Symbol Group Editor by the Occion Table Editor by the Occion Table Editor (Image: Lengb20199623114-099643852240773-1686-1_m LUS_PMG png) Pigus to Symbol Group Editor			No		 Compliant - STD	1 - Low	STD
		The Shile Logic Editor is used to maintain shile logics for evaluating the shifts of the assessment							1
<u>SP7_New-40237</u> SOB		The Style Logic Editor is used to maintain style logics for evaluating the style of the presentation of dynamic display objects in the runtime environment based on the combination of a decision abide and a style group. [image: Limigde56407 as12a5f996a3522a14a6d540_1_en_US_PNG.png) Figure 1 596 Logic Editor			No		Compliant - STD	1 - Low	STD
	SP7_New- 40237	Style groups are used to apply dynamic styles to display objects. The Style Group Editor is used to maintain unique styles matching the rules configured in the diagram decision tables by the Decision Table Editor (Editor 2014) The Configured in the Configured of the Configured of the [mage: 1-img/fd8ta466e2/2fd779da3522a3052b381_1 en_US_PMG.png) Figure 15 (pt Corup Editor			No		Compliant - STD	1 - Low	STD
SP7_New-40236SOB	SP7_New- 40236	The Shape Style Editor is used to create reusable shape styles which represent a particular graphic property combination that can be assigned to graphic objects instead of assigning multiple properties one after the other (image: 1-img8eb68944e20115c9das522a3378903a_1_en_US_PNG.png) Figure 8 15 hape Style Editor			No		Compliant - STD	1 - Low	STD
<u>SP7_New-40235</u> SOB	SP7_New- 40235	The Decision Table editor is used to maintain diagram decision tables for evaluating the presentation of dynamic display objects in the nutrime environment based on their status, quality and other information. [image: Limgf167ccdise2603acdcda3522a5c1df815_1_en_US_PNG png) Figure 10.Eccion Table Editor			No		Compliant - STD	1 - Low	STD
SP7_New-40234 SOB	SP7_New- 40234	The Color Editor is used to view, modify, and define color values for color instances. (mage: 1-lmg38502002e24bb8b29da3522a0562ed85_1_en_US_PNG.png) Figure & Color Editor			No		Compliant - STD	1 - Low	STD
SP7_New-40233 SOB	SP7_New- 40233	The Symbol Editor is used to edit symbols used on diagrams. [Image : I-imgolficccadd1446/dobda455249004773 _ em US_PNG_png] Symbols are combinations of graphs primitives. Symbols play an important role for graphical representation of a domain data instance such as a circuit breaker for the Spectrum Power varieties used in the Committee data in the depending on the Committee data in the depending on the Committee data.			No		Compliant - STD	1 - Low	STD
SP7 New-40232 50B	SP7_New- 40232	The Multi-treatner Edin'r JUET) abuse for user defined query filters on a combination of data relations, attitudes and successions. The entered objects and enablastic and filter be defined similarly to what is possible in the IMM LIC Queries can be defined, caved and loaded for reuse, (mage. 1- lang-BidScd.sta/accoffs7rda.sts/22a5eb0fa.89_1 en_US_PNG.png).			No		Compliant - STD	1 - Low	STD
\$7 New-8023 SOB	907 Mem- 402Ta 907 New- 402To	The Model and Craphics (Editor is under to: "Verw and model years prepared securing lesis" Crasia is a new instance. Crasia is new instance. Cr			nio		Compliant - STD Compliant - STD	1 - Low	STD
		Image: 2-Tip proj) NOTET/psc can only be modified and created in the root job of a dataset by users with appropriate access rights. It is recommended on use the Type Editor for small changes only. Modifications of attributes or associations of existing types are not recommended introduce additional source code changes to take effect in the Spectrum Power 7 system.							
\$P) New-49229 SOB	SP7_New- 40229	The Job management U1 is used for the following: - Validate and perior Counted and General Counted and General Counted and General Published Published Counted and Counted and General Counted and General Counted and General Counted Counte			No		Compliant - STD	1 - Low	STD
SP7 Nov-10228 SOB	SP7_New- 40228	bote in BMI agalization states, is open the main screen. The main screen represents an application framework for the BMI engineering agaciations. Leg. PMI Supplied programmed and programmed against the programmed and programmed against Figure in BMI Main Science (Section 1997). The programmed against the programmed against Figure in BMI Main Science (Section 1997) and the programmed against the programmed against the main scenes is described and the programmed against science (Section 1997). The programmed against the programmed against science (Section 1997) and the programmed against science (Section 1997). The bottom proved has been found to the science (Section 1997) and discounts. The bottom proved has been found to the science (Section 1997) and discounts (Section 1997). The bottom proved has been found to the science of the science can be colleged by disclayed not be to the science. The bottom proved for longing can also be undicated and in edicated.			No		Compliant - STD	1 - Low	STD
SP7 New-40227 SOB	SP7_New- 40227	National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configuration time. The character strings are translated using a standard translation software package and the transfer to the system is a system feature.			No		Compliant - STD	1 - Low	STD
SP7 New-40226 SOB	SP7_New- 40226	The oritine documentation contacts of released Spectrum Prever Mat narrands that have been convented into Profiled Bocument Formal (PPO) files. AMM has an integrated online heigh that provides an extensive guide to the information Model Management based on the Spectrum below the profiled bocument formal profiled below the profiled bocument of the bock by clicking a user interface component and moviking a help viewer to show the related help topic.			No		Compliant - STD	1 - Low	STD

SP7_New-40225	SOB	597 New 4025	The seach function allows looking up instruccus by descriptions of the secondary of the sec	once the search range down to the the assession of the content of the content of the procession of the		N	io				1-Low	STD
SP7_New-60224	SOB	597 (500- 60224	The MAN If a can be installed on any If a console. Mill updated an entered a candisor lay console and the publication of the consoleration of the consoler	in the user insertise of MAM, multiple edition weekflows allever data access and defendent reperties of types and instances even types.		N	io			ompliant - STD	1-Low	STD
SP7_New-40202	SOB	597 New 40002	MAM Administration Command Line Tool The MAM admin not so use on manage the Spectru Man Administration and the Mamage Administration May be a made of the Mamage Administration May be a manage of the Mamage Administration Managering the MAM commended and soft destinated. Managering the MAM commended and whole MAM administration of the managering the MAM administration of	ors after import gets aborted. del active. It allows the user to enable or and to create a new baseline in the active inteller and to create a new baseline in the active intellers where a control data model version time, and date and timed.			do .			ompliant - STD	1 - LOW	STD
SP7_New-40201	SOB	SP7_New- 40201	A single job is reserved for a particular user during authorized user can reassign a job to a different use	its creation. The current job owner and an ser.		N	lo .		c	ompliant - STD	1 - Low	STD
SP7_New-40200	SOB	SP7_New- 40200	Console access rights allow for location-based acce (console) where the user currently is working. The Intersection (common subset) of access rights for o access rights can be restricted by IMM console acc	authorities are always calculated as		N	lo		c	ompliant - STD	1 - Low	STD
SP7_New-40199	SOB	SP7_New- 40199	Access rights can be assigned for each instance in allowed to do with the respective instance in MM (that another in the second in the second in the stata model in RT, the user can do modifications. TI rights.	(view, modify, modify and assign new access is, define on what parts of the power network hus, they limit the user's given IMM access		N	lo		c	ompliant - STD	1 - Low	STD
SP7_New-40198	SOB	SP7_New- 40198	State entry and activation: in IMMs controlled by or ingles dependent on the Market and the requestion of the belowing included all access rights are supported. The belowing included all access rights are supported by the properties of the properties of the properties of the properties of the properties of the properties of the properties of the Engineering distances administration of the properties of th	engineering ing		N	lo		c	ompliant - STD	1 - Low	STD
SP7_New-40193	SOB	SP7 New- 40193	An Operator Training Similator (OTS) available oper surder similated conditions. The mail options and it obser. (image: 1-img570ct597134656bbbba352529255350; Figure 4 OTS System Configuration - Basic Operator ITS OTS using the fact that sell disablation (yet)	erators to practice runtime system operations the offline OTS are independent from each iz202 _l_en_US_TIFF.jpg) teleview chronization is done with its main system.		N	io		C	compliant - STD	1 - Low	STD
SP7. Nero-40192	SOB	597, Yelee 40192	A QAS allows testing data changes without any improportion of production regions and QAS are relationed that may be producted to region and QAS are relationed that may be producted to region only. Advisation of the production production speaker only. Advisation of the production production speaker only. Advisation of the production production of the production option there are specification and all AMI distinguishments are production option there are specification and all AMI distinguishments are production option there are specification of the production option the production option the production option there are specification of the production option the pro	Rice_1 en US_TIFF.pap) from the production system, domain data the production system, domain data the production of the production of the production system as master for MM at any time. system configuration is the independent job system configuration is the independent job system configuration is done. If jobs already ted as well.		N	lo .		c	compliant - STD	1 - Low	STD
SP7. New-40191	SOB	GPT Nece 600T	The oblication of cerein cooperatively man multiplicative prime. Multiplicative prime are causally program are multiplicative prime are causally program are program and the causal content of information manatem and the causal content of information manatem service of the causal content of cerein are program and the causal content of cerein are content cerein or an extent of Multi-are program and content cerein or an extension of Multi-are program and content cerein or an extension of Multi-are program and content cerein or an extension of Multi-are program and program and program and content or program and program and content or program and content or content or program and cont	venoenc. ynchronized engineering databases between stency (odding and activating) between the and the Milk activation framework. 662_1 en US_TIFF.jpg)		N	lo .		c	compliant - STD	1 - Low	STD

SP7_New-40187	SOB	SP7_New-		IMM provides logs within the log section of the IMM user interface. The log section can be opened in a separate window. Selected logs can be exported to a Comma-separated Values (*csy) tile. The following are the various log types available, depending on the selected dataset, job or data			No		1	Compliant - STD	1 - Low	STD
				(*.csv) file.								
				I ne tollowing are the various log types available, depending on the selected dataset, job or data engineering workflow:								
				The business are the workflow: * MM Status Log Ressages about the state (activation, preparation, and so on) of the job or IMM itself. The messages include severity, job name, time stamp and source. * Task Log * Task Log								
				Microspes should the state (exhibition), repleatation, and so oil) of the job of MM steel. The Track Log. Microspes should see actions such its copilipation, culpional delete subtree, modify instance. The Microspes should user actions such its copilipation, culpional delete subtree, modify instance, Microspes should use and oil or The microspes chulcide soverely chattle, time stating, and should be supported to the state of the state of the state of the state of the Validation loop (oil wild basin or global validation. The microspes should severily, hierarchical feeds and the state of the should be the visition of inquisition. The delete pith is a hypertise that can be used to should be the visition of inquisition.								
				* Task Log Messages about user actions such as convinaste, cutinaste, delete subtree, modify instance								
				data, modify type data, and so on. The messages include severity, details, time stamp, and								
				source. An object path is a hyperlink that can be used to navigate to the instance in question. * Validation Log								
				Messages about job validation or global validation. The messages include severity, hierarchical								
				pain of the instance and the object type. The object path is a hyperlink that can be used to havigate to the instance in question.								
				 Activation Log Contains all the messages that were created during the preparation or activation of a dataset or job. The messages include severity and time stamp. 								
				* Import Log								
				dataset or job. The messages include severity, details and time stamp.								
				job. The messages include severity and time stamp, Combined all the messages has were created them a user initiated import was done within a diseased to job. The messages include severity, details and time stamp. Chrows the status charged of the selected job. The messages include bast status change, job enome, job ottains, previous job status and user. Lists the job first were excluded and finalized. The messages include bast status change, job elastics, previous job status and user. Lists the job first two excluded and finalized. The messages include bast status change, job elastics, previous job status and user. Included the previous production of the production of the production of lands, previous job status and user. Job status the production of the production of lands, previous job status and user. Job status the production of lands are production of lands and lands and user. Job status the production of lands are lands and user job status the lands and user. Job status the lands are job status the lands are job status the lands are job status that the lands are job status the lands are job status the lands are job status that job status the lands are job status the lands are job status the lands are job status that job status the lands are job status the lands are job status that job status the lands are job status that job status that								
				name, job status, previous job status and user.								
				* Finalized Jobs Log Lists the lobs that were activated and finalized. The messages include last status change, lob.								
				status, previous job status and user.								
				The individual log can be modified. Predefined columns with additional information can be included; columns can be used for sorting or can be bid.								
				In the active IMM model archive, the Activation Log and Job History Log for the jobs are								
				retained for auditing purposes.								
SP7_New-40186	SOB	SP7_New-		Data Reporting Reporting Issuirues provided by IMM allow the user to createl/view summary or detail reports of type and instance data, instance Change Report The instance change report displays changes within a selected network equipment hierarchy			No			Compliant - STD	1 - Low	STD
		40186		Reporting features provided by IMM allow the user to create/view summary or detail reports of								
				type and instance data. Instance Change Report								
				motanic change report. displays changes within a selected network equipment hierarchy and within any hierarchy below substation like voltage levels or bays. The report contains all changes made in the existing jobs of a dataset to the restance hierarchy, in the independent plo mode, the currently opened job in the real-time dataset and the root job are evaluated. Object Usage Review.								
				changes made in the existing jobs of a dataset to the instance hierarchy. In the independent job								
				mode, the currently opened job in the real-time dataset and the root job are evaluated. Object Usage Report								
				The object usage report displays for a selected network equipment hierarchy the linked								
1	1	1		Object Usage Report The object usage period displays for a selected network equipment hierarchy the linked stementy data points as well as linked graphical objects in the different network diagrams. The report can be created for substations or any hierarchy below like voltage levels or bays. The telementy information coxess the linked independent Front-End System (IFS) that is, RTU-Front-End data as well as linked inter-control Centre Communications Protocol (CDP) data.	1						1	j
		1		telemetry information covers the linked Independent Front-End System (IFS) that is, RTU-Front-								1
1	1	1		Communications Protocol (ICCP) data.	1						1	1
1	1	1			1						1	1
SP7_New-40185	SOB	SP7_New-		Data version management and automatic static data model archiving facilities provide a history			No			Compliant - STD	1 - Low	STD
	1	40185		of model changes and allows the user to track data changes over time. Jobs in the IMM model							'	
1	1			Data version management and automatic static data model archiving facilities provide a history of model changes and allows the user to track data changes over time. Jobs in the IMM model archive provide a past view of the static data model based on the activation time. If archiving is enabled, data is stored in the IMM model archive after a successful job activation or undo							1	j 1
		1		enabled, data is stored in the IMM model arethine after a successful pile activation or undo scientiation of the Spotium Power runtime system. This allower the user to sive will give that have support data, and export data changes in the same way as it is done in the current Frein-1 me suport data, and export data changes in the same way as it is done in the current Frein-1 me plastice (FIT). The active IMM model active is a separative read-only distastic disting or import is not allowed in rosfer to preserve the history. Referringing a past model for any prior in the enables accurate conclusions to be derived from								
1	1	1		export data, and export data changes in the same way as it is done in the current Real-Time	1						1	1
1	1	1		Dataset (RT). The active IMM model archive is a separate read-only dataset; data editing or	1						1	1
1	1	1		import in ord allowed in order to preserve the history, process and allowed an order to preserve the history, process and a proc	1						1	1
				post-mortem analysis.								
				Special consideration is made when changing DOM types. Simply applying type changes to the								
				active archive would distort the way instance data looked in the past. However, not applying								
				type changes would mean that future jobs could not be archived. Therefore, type changes that do not affect the instance data are applied directly to the active archive. Type changes that								
				affect the instance data are logically applied. The changed attribute determines which changes								
				lare made to the archived instances.								
				Creating a new baseline in the active archive allows the user to transfer a specific historical time								
				external media and can be loaded again into a dataset for any purpose.								
				(image: 1-imgde5c8cd170e558639da35239674b056f_1_en_US_TIFF.jpg)								
				Auditing of IMM Jobs								
				IMM job auditing features provide means to keep track of who made when what changes to the								
				domain and graphical data. For example when a problem is identified for a given data instance, and users not the ability to								
				identify what jobs made changes to that instance. Auditing features require the jobs being in the								
				active IMM archive. The specific provisions are as follows: * For any job that is finalized, you can export the incremental XDE or RDE change for and view.								
				the report of the changes in that job.								
				* The user is able to view the previous value and the new value changed to by the job. * The user is able to view the order in which jobs were activated or undone and when they were								
				finalized. * The user is able to identify the jobs that modified a given instance within a given time frame.								
SP7_New-40184				The user is able to identify the jobs that modified a given instance within a given time frame. All power grid forman data and diagram data changes are done in a job. Activation propagates data changes into the Spectium Power runtime system. The activation ensures that the incremental changes are applied to all applications of the Spectium Power untime system, including IMM. In a single failure during activation, the changes are rolled back system-wide. Activation								
SP7_New-40184	SOB	SP7_New- 40184		All power grid domain data and diagram data changes are done in a job. Activation propagates data changes into the Spectrum Power purtime system. The activation ensures that the			No		1	Compliant - STD	1 - Low	STD
				incremental changes are applied to all applications of the Spectrum Power runtime system,								
				Including IMM. In a single failure during activation, the changes are rolled back system-wide. Activation								
				Activation is performed in three phases:								
				* Data Preparation								
				Activation is performed in three phases: Chair Preparation Facility of the phase of the different application suites, projuities, Section Province (Section Province (Sectio								
				for the incremental changes associated with a job. Multiple jobs can be in the prepared state if they are distinct from each other in terms of the								
				operational database of Spectrum Power. Interdependency checks during data preparation are								
				performed to check whether the changes of the job are distinct to all jobs being in prepared, transferred, or activated state. This check is based on the runtime models to ensure data.								
				integrity.								
1	1	1		Insurference (or activated state. This check is based on the nurtime models to insurise data frequence. And the proposation is procured to American service and the other than the first ordinary of the presentation of the procured of the procure of the first of the presentation of the presentation of the presentation of the presentation of the Check Transfer of the presentation of th							1	
1	1	1		Data Transfer							1	
1	1	1		Data Transfer populates the incremental changes associated with a job to the offline copy (copy) of the operational database of Spectrum Power. With this step the Spectrum Power ADM gets involved for the first time. A spectrum Power ADM sets incovered for the first time. A spectrum Power ADM sets associated data transfer, the incremental changes are ready to be activated into the ordine copy of the operational database. Potas Advanced Totas Advanced to the power of the power power of the power powe	1						1	1
1	1	1		gets involved for the first time. After a successful data transfer, the incremental changes are reach to be activated into the	1						1	1
1	1	1		online copy of the operational database.							1	1
		1		Data Activation In this phase the incremental inh changes are greened into the cost of the determ in the 1994.								
1	1	1		database. Data Activation activates the changes into the online copy (copy 0) of the operational							1	j
		1		I has Activation in this phase the incremental job thanges are negred into the root of the dataset in the IMM in this phase the incremental incremental into the root of the dataset in the IMM interest phase of Spectrum Power and into the ASRs of Shared Components. Mode Activation is considered as rare and exceptional use-case. Nevertheless, Undo Activation is considered as rare and exceptional use-case. Nevertheless, Undo Activation might be the fastest way to return book to normal multime operation when logically								
1	1	1		An Undo Activation is considered as rare and exceptional use-case. Nevertheless, Undo							1	1
1	1	1		Acavasion might be the fastest way to return back to normal runtime operation when logically correct, thus without validation errors, but faulty data not describing the real world not activated.							1	1
1	1	1		Instead of correcting the faulty data under time pressure in a new job, undo activation provides							1	1
		1		Activation might be the fastest way to return back to normal nutritine operation when logically cornect, thus without validation errors, but faulty data not describing the real world got activated, instead of correcting the harty data under time pressure in a new job, undo activation provides convenient means to undo the changes without bizing the former data changes that causes the furtime failure. The faulty data can be corrected in the original job and activated again. Undo Activation has the following busy phases:								
		1		Undo Activation has the following two phases:								
SP7_New-40183	con	CDT New		In this phase, an undo change log is generated for the Shared Components (ike HIS) and						Complet CTD		cro
ar / New-90183	aut	SP7_New- 40183		L'ution trepare Validation résultaire finat les efisire dans moder remare chies de l'existe de l'existe fine a Mississime de l'existe finat all necessary data le entered (completeness check). Validation takes place in a maintenance environment, for example, a job, bottone the changes are activated into the Spectrum Power nurtime system. Validation is statred either user triggered using the IMM user interface or sustromatically when saving data that has been entered using an IMM editor.			NO.		1	Compliant - STD	1 - Low	DID.
1	1	1		environment, for example, a job, before the changes are activated into the Spectrum Power							1	1
		1		automatically when saving data that has been entered using an IMM editor.								
1	1	1		(Image: 1-Tip.png) NOTEIt is recommended to run validation and fix constraint violations							1	1
		1		(image: 1- rip.prig) NO TER is recommended to run varidation and fix constraint violations before activation.								
		1		before activation. Validation Areas Malidation area be performed for the following areas:								
1	1	1		Validation on the Depth of the following areas: 'The data changed in a job 'Entrie data in the root combined with the data changes in a job (global validation) 'Data modified by means of the IMM import Validation Types							1	j
		1		* Entire data in the root combined with the data changes in a job (global validation)								
1	1	1		Validation Types							1	
1	1	1		The following validation types can be distinguished:							1	j
1	1	1		Inter-object validation refers to those checks that require multiple instances to ensure data							1	j
1	1	1		Validation Types The following validation types can be distinguished: **Inter-object validation refers to those checks that require multiple instances to ensure data consistency. These checks can also include instances of different types. **Inter-object validation refers to those checks that require multiple instances to ensure data consistency. These checks can also include instances of different types. **Inter-object validation**							1	1
		1		"imate object validation limiter-object validation limiter-object validation so that is saved if it in incorrect data value is entered, an error message is essued. Intri object validation includes: I valings value checks: These checks verify that the value in an attribute or combination of attributes is not duplicated scorous multiple intrances of an object.								1
1	1	1		automatically when the data is saved. If an incorrect data value is entered, an error message is							1	1
1	1	1		* Unique value checks							1	1
1	1	1		These checks verify that the value in an attribute or combination of attributes is not duplicated across multiple instances of an object							1	1
1	1	1		* Cardinality checks							1	j
1	1	1		* Cardinally checks These checks verify that relationships between types are satisfied. For example, a parent or child relationship. * Remuired atthibute checks							1	j
		1		* Required attribute checks								
1	1	1		These checks verify that a value has been supplied for a required attribute. * Range checks							1	1
1	1			These checks verify that the value is greater than or equal to a minimum value and less than or							1	j 1
1	1			equal to a maximum value.							1	1
1	1	1		* Range checks These checks verify that the value is greater than or equal to a minimum value and less than or equal to a maximum value. A maximum value. For example, 1:10. * Eraumeration checks: These checks verify that a value is member of a specified list of values (enumeration).							1	1
1	1	1	1	These checks verify that a value is member of a specified list of values (enumeration).								

SP7_New-40182	SOB	SPF 7 News 401022	In power companies, several systems exist based on the oxyling extention) common power yield relationship of the existing contract power between the additional and is considered and productionship of the existing contract power between the considered and considered responsibilities to separate data between the exposure of the existing contract power power and power power between the existing contract power		•	No.		K	Compliant - STD	1 - Low	STD
67) New 4018;	SOE	SPT New ACID	Import and Export of Engineering Data in XXV or CM-ADV. Make provide an institution to export and representing data in XXVII and CM-ADV. Both are MAN provides an institution to export and regime requirements of the control of the			alo C			Compilant - STD	- Low	\$TD
SE7. Nation 463.78	SCB	97 7 News 60178	Profile Seaded opport			300 S			Compilant - STD	- Low	STD
SP_Neov-95372	SCE	997 3 News 60177	Display construction of reflected diagrams is completely insignated in the IMA. The Congress calcilar provider smarts to lever, caches and reflect yearlier days and deal or protection part caches and the control of			No.			Compilant - STD	- Low	STD
SP New 45176	SOB	507 7 Notes 60276	Overview and interest to though adult require sorting with large amounts of information with the properties. Most first once invalidation to though a significant source of the properties. All of the overviews for though one of the properties of the first one of the properties. All of the properties of the first own of the properties of the first own of the properties of the first own of the properties of		,	100			Compliant - STD	i - Low	atu l

SP7_New-40175	SOB	SP7_New- 40175	In independent job mode, you can view or edit the model as it is at the current time when you are in a job. You see the model as it currently is (the production model used in the Spectrum			No			Compliant - STD	1 - Low	STD
			Power runtime system) plus your job changes. You do not see changes from other jobs unless								
			In independent job mode, you can view or self the mode of it is at the current time what you are in a job. You see the mode as a currently of the production mode used in the Spectrum Power variante system) play you job changes. You do not see changes from other jobs reflect country or was considered to the consideration of the consideration of the consideration of the consideration of the control case job can separate country or use or color case job case separate control country or self-color power jobs schools the principal in control case of the control country or self-color power jobs control power principal in comparation of the control country or control country or control country or principal in control country or control country or control country or grown as the control country or control country or control country or principal country or control country or control country or control country or principal country or control country or control country or control country or principal country or control country or country or control country or principal country or control country or country or country or country or principal country or country or country or country or country or country or principal country or country or country or country or country or principal country or								
			(image: 1-imgdaab9ce7710fefab9da35239293d523b_1_en_US_TIFF.jpg)								
			Figure # Independent Job Mode View (1) Job Interlocking prevents different jobs from modifying the same instance and link data to preserve data integrity. This means, that you cannot change the instance data that has been								
			preserve data integrity. This means, that you cannot change the instance data that has been								
			processe data menginy. I mel danker just de carbon consiste per extrace oca anno na scena located by another pilot distribution, and carbon consistence just data. Consistence in the consistence in the								
			Figure # Independent Job Mode View (2) For example, two different jobs (B and C) cannot edit the same part of equipment within a								
			substation. If you try to change data locked by another job, an error message is issued								
			This keeps jobs in the engineering environment independent from each other. They can be								
			processed (for example, activated, undone, or finalized) in any order.								
			Job interlocking applies to individual instances or links in the data model. Adding, modifying or ideletion an instance automatically locks the instance inset only. When the user changes an								
			attribute value of an existing instance, this object is locked by the job. If the name of the object								
			Job instructioning applies to individual instructions or links in the data model. Adding, modifying or statistics was due on existing instruction, the opinion of the statistics was due on existing instruction, the object is factorized, but the fact and rever name are backed. Both, preer and child objects are mod extended to the manner of the objects of the statistic process of the statistic pr								
			descendants to the newly created instance. When an object is deleted, all child instances are also deleted, and all the deleted instances are								
			locked. Another job cannot insert a new instance with the same name as the deleted instance.								
			another job to ensure data integrity.								
			Adding or deleting a link locks this link only. This means that the exact same link, that is, a link that references the same two instances using the same association, cannot be added representatively deleted analysis to apply the post-by inches link.								
			respectively deleted again by another job. After a job has been activated and finalized or deleted, all interlocks created by this job are								
			Job interlocking is performed at engineering design time and supports the user's data								
SP7_New-40174	SOB	SP7_New- 40174	Domain data, graphical network diagram data entry, and engineering advicties are under the			No			Compliant - STD	1 - Low	STD
		40174	Spectrum Power engineering database are grouped and managed. A job allows multiple and								
			concurrent users to modify data simultaneously in a secure environment, without impacting the operational databases of the Spectrum Power nurtime system								
	1	1	Dob Interdependency Checks Lob Interdependency Checks Lob Interdependency Checks Domain Main Grant Checks Domain Main Checks Domain M								
			* Validate the job * Activate the job								
			* Verify the job history Joh management controls the definition, usage and deterior of john								
1	1		 Verify the job history Job management controls the definition, usage and deletion of jobs. Job management provides the following functions: Defining a new job or continuing to work within an existing job. Multiple jobs can exist at one line. 	ĺ							
	1	1	 Detining a new job or continuing to work within an existing job. Multiple jobs can exist at one time. 								
	1	1	Associating data changes with a specific job. Viewing data changes associated with a lob.								
1	1		* Viewing the job list together with the job status.	ĺ							
	1	1	* Validation of complete data or incremental data changes in a job.								
			Interest of the control of the contr								
	1	1	* Archiving of job changes after a successful activation of the runtime system – if enabled. * Francisc a job discording all data changes associated with the job.								
	1	1	* Finalizing the job to make changes permanent.								
			Data entry and engineering activities include the following: * Manual data entry								
			* Import of bulk or incremental changes from external data model or instance data								
			* Generating change log reports Job								
			A job groups data changes that belong together. The job is the unit of data that is finally changed in the engineering database and in the runtime databases of the Spectrum Power								
			system. Each job is identified by a name. Although the job management function provides the								
			the changes together. This ability adds great flexibility to the data engineer as to what data								
SP7 New-40171	SOB		changes define an increment of change against the database currently in operation. (image: 1-img084eb9fe70c4938c9da3523935bd91d0 1 en US_TIFF.ipg)						Compliant - STD	1 - I ow	
3F7_NCW-40171	SUB	SP7_New- 40171	Job A by groups data changes that before logether. The job is the unit of data that is finally changed in the engineering debating logether. The job is the unit of data that is finally changed by the engineering debating changes are considered to the provision of the company of the changes of the data engineer as to what data changes define an externed of change space the database currently operation. A gipEst ask and regimenting closelet consists of multiplimations. Change filt filt we present processor, the consists of consists of multiplimations. Change filt filt we present processor, the consists of consists of multiplimations. Change filt filt we present processor, the consists consists of the Marker arrange of Administrate Server (AM).			NO .			Compliant - STD	1 - LOW	BID
			Multiple engineering consoles can be connected to the IMM server. The IMM UI client program can be installed on any console in the control center. It runs on								
			Windows or Linux. The client is updated as needed automatically upon login. The initial window								
			access point to the data engineering jobs and IMM engineering applications.								
			A syptial astar featurement consists of multiple members in country affects of the control of th								
			case of a failure and run up of the spare server, the IMM UI client connection has to be re-								
			case of a failure and run up of the spare server, the IMM UI client connection has to be re-								
			case of a failure and run up of the spare server, the IMM UI client connection has to be re- established manually. (mage: 1-img/659f/2bs235aaf9da35239753dbfa5_1_en_US_TIFF.jpg) Figure # IMM UI Basic Architecture PC: Inter Process Communication								
			case of a failure and run up of the spare server, the IMM UI client connection has to be re- established manually. (mage: 1-img/659f/2bs235aaf9da35239753dbfa5_1_en_US_TIFF.jpg) Figure # IMM UI Basic Architecture PC: Inter Process Communication								
			case of a failure and run up of the spare server, the IMM UI client connection has to be re-								
SS7 News 601 70	eng.		zace of a father and run up of the spear server, the IMMU UI client connection has to be ne- established mensually, incape: 1-empd599023525549865822997350565 1, en_US_TIPF_grg) [Figure 18 MUI Black Achiclecture: Figure 18 MUI Black Achiclecture: MMULICP: Information Model Management User Interface Data Provider MIC. Message Interchange Communication.			An-			Compliant STD		STD.
SP7_New-40170	SOB	SP7_New-40170	zace of a father and run up of the spear server, the IMMU UI client connection has to be ne- established mensually, incape: 1-empd599023525549865822997350565 1, en_US_TIPF_grg) [Figure 18 MUI Black Achiclecture: Figure 18 MUI Black Achiclecture: MMULICP: Information Model Management User Interface Data Provider MIC. Message Interchange Communication.			Mo			Compliant - STD	1 - Low	STD
SP7_New-40170	SOB	SP7_New- 40170	Lace of a flat have and run up of the spore server. The IMM UI client connection has to be re- temporary to the IMM of IM			No .			Compliant - STD	1 - Low	STD
SP7_New-40170	SOB	SP7 New-40170	case of a fasher and ran up of the speer server. He fished full client connection has to be re- created from a final fin			No.			Compliant - STD	Ž - LOW	STD
SP7_New-40170	SOB	SP7 New-40170	case of a fasher and ran up of the speer server. He fished full client connection has to be re- created from a final description of the speed of the			Mo			Compliant - STD	1 - Low	STD
SP7_New-40170	S08	SP7 New-40170	case of a fasher and ran up of the speer server. He fished full client connection has to be re- created from a final description of the speed of the			No.			Compliant - STD	1-Low	STD
SP7. New-90170	SOB	SP7. New-40170	case of a flather and rin up of the speer server. The IMME UI client connection has to be re- central to the Immediate Control of the Immediate Control of the Immediate Control Figure 2 RM UII Basic Architecture Figure 2 RM UII Basic Architecture MAGE Prince Control MAGE Prince MAGE			No.			Compliant - STD	1 - Low	STD
SP7. New-90170	SOB	SP7. Now-40170	case of a flather and rin up of the speer server. He IMM UT client connection has to be re- central to the control of the Immediate the Immedi			No.			Compilant - STD	i - Low	STD
SP7. New-50170	SOB	SP7_New-40170	case of a flather and rin up of the speer server. He IMM UT client connection has to be re- central to the control of the Immediate the Immedi			No			Compilant - STD	1-Low	STD
SP7. Nov40120	SOB	SP7 New-40170	case of a flather and rin up of the speer server. He IMM UT client connection has to be re- central to the control of the Immediate the Immedi			No.			Compilant - STD	1-Low	STD .
SP7 New-40320	SOB	SP7 New-40170	case of a father and run up of the speer server. He IMM UI client connection has to be re- mediated manually. Figure #18 MUI Basic Architecture More Commission More Commi			abo			Compliant - STD	1-Low	310
\$27. New 45120	SOB	SP7 Mew-40170	case of a flather and rain up of the spore server. He filled Utilities connection has to be re- centralized immunity. Figure 3 RM Util Basic Architecture. Figure 3 RM Util Basic Architecture. Figure 3 RM Util Basic Architecture. Mod Line State Control Contro			No.			Compliant - STD	1-Low	इंग ा
SP7 New-46329	SOB	SP7 New-40170	case of a flather and rain up of the spore server. He filled Utilities connection has to be re- centralized immunity. Figure 3 RM Util Basic Architecture. Figure 3 RM Util Basic Architecture. Figure 3 RM Util Basic Architecture. Mod Line State Control Contro			ilia di			Compliant - STD	1-Low	āīD
927, Mone-90379	SOB	SP7 New-40170	axis of a faulte and rin up of the puper server. The IMME UI client connection has to be re- legacy = Impediately and STATES and Mark STATES and STATES AN			No.			Compilant - STD	1-Low	জ্বা চ
SP7 New-4633/3	Soa	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			ako			Compliant - STD	I-Low	STO
927, Nove-90320	SOB	SP7_New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			54o			Compilant - STD	1-Low	STD .
SP7 New-80179	SCB	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			No			Compilant - STD	I-Low	ŞTD
927, Nove-90320	SOB	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			540			Compilant - STD	1-Low	STD .
SP7 New-80179	SCS	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			No			Compilant - S1D	3 - Low	STD
927, New 493,29	SOB	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			No.			Compilant - STD	1-Low	STD .
SP7. New-60179	SOB	SP7 New-40170	axis of a fault aim for in up of the perior server, the IMME UI client connection has to be re- fininged. I registrostar/Establishadis/SER/SER/SER/SER/SER/SER/SER/SER/SER/SER			No			Compilant - S1D	1-Low	510
	SOE		axis of a fast have and rain up of the spore server. Net IMM UI client connection has to be re- legislated in the server of provided agest client server of pr			540				1-10w	510
577. New-50173	SOB		axis of a fault aim of min up of the perior server. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has been provided. Mod has a number of expression special connection of the IMME UI client of provided applications subjection to suitable for the different expresenting space. Made has a number of expression subscribe of the IMME UI client (IMME UI client of IMME UI clie			No.			Compilant - STD	I - Low	STD.
	SOB	SP7, New-40170	axis of a fault aim of min up of the perior server. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has been provided. Mod has a number of expression special connection of the IMME UI client of provided applications subjection to suitable for the different expresenting space. Made has a number of expression subscribe of the IMME UI client (IMME UI client of IMME UI clie			No.				1-Low	STD
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	SCE		axis of a fault aim of min up of the perior server. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has to be re- figure 1 important process. The IMME UI client connection has been provided. Mod has a number of expression special connection of the IMME UI client of provided applications subjection to suitable for the different expresenting space. Made has a number of expression subscribe of the IMME UI client (IMME UI client of IMME UI clie			No.				1-Low	STO
	508		acoust of a flatine and risk up of the people server. Net IMME UI client connection has to be re- impact - Insignational Conference on the Conference of the			No.				1-Low	STD
	509		acoust of a flatine and risk up of the people server. Net IMME UI client connection has to be re- impact - Insignational Conference on the Conference of the			No.				1-Low	STO
	508 508		acoust of a flatine and risk up of the people server. Net IMME UI client connection has to be re- impact - Insignational Conference on the Conference of the			No.				1-Low	STD
	S08		acoust of a flatine and risk up of the people server. Net IMME UI client connection has to be re- impact - Insignational Conference on the Conference of the			No.				1-Low	STO
	508 508		acon of a flate is only in any of the people server. Net IMME UI client connection has to be re- impaged 1-impaged-parallessaleahasis-23/25/24/25/24/25/24/25/24/25/24/25/25/24/25/25/25/25/25/25/25/25/25/25/25/25/25/			SSG				1-Low	\$10 \$10
	S08		acon of a flate is only in any of the people server. Net IMME UI client connection has to be re- impaged 1-impaged-parallessaleahasis-23/25/24/25/24/25/24/25/24/25/24/25/25/24/25/25/25/25/25/25/25/25/25/25/25/25/25/			No.				1-Low	STD
	508		acoust of a flature and rain up of the people server. The IMME UI client connection has to be re- legional - Integrol SCATES-SCATE AND ASSESSED - In Client Connection has to be re- legional - Integrol SCATES-SCATE AND ASSESSED - In Client Connection has to be re- legional - Integrol SCATES-SCATE - Integration			No.				1-Low	S10
	508 508		acoust of a flature and rain up of the people server. The IMME UI client connection has to be re- legional - Integrol SCATES-SCATE AND ASSESSED - In Client Connection has to be re- legional - Integrol SCATES-SCATE AND ASSESSED - In Client Connection has to be re- legional - Integrol SCATES-SCATE - Integration			No.				1-Low	STD
	S08		Same of a flature and rain up of the people server. Net IMME UI client connection has to be re- impaged - Impaged-Sampa-Sampa-Sampa-Sampa-Sampa-Sampa-Language (Impage - Impaged-Sampa-Sam			SSG				1-Low	510
	508 508		Same of a flature and rain up of the people server. Net IMME UI client connection has to be re- impaged - Impaged-Sampa-Sampa-Sampa-Sampa-Sampa-Sampa-Language (Impage - Impaged-Sampa-Sam			No.				1-Low	STD
	S08		Same of a flature and rain up of the people server. Net IMME UI client connection has to be re- impaged - Impaged-Sampa-Sampa-Sampa-Sampa-Sampa-Sampa-Language (Impage - Impaged-Sampa-Sam			550				1-Low	\$10 \$10
	508 508		Same of a flature and rain up of the people server. Net IMME UI client connection has to be re- impaged - Impaged-Sampa-Sampa-Sampa-Sampa-Sampa-Sampa-Language (Impage - Impaged-Sampa-Sam			No.				1-Low	STD
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	506		Same of a flature and rain up of the people server. Net IMME UI client connection has to be re- impaged - Impaged-Sampa-Sampa-Sampa-Sampa-Sampa-Sampa-Language (Impage - Impaged-Sampa-Sam			No.				1-Low	STD

SP7. New-40168		597 3 New- 400.08	Spectrum Power MM controls the data to be defined and transferred between the engineering MM provides functions that act like a start of tools to maintain power system information. The sub-instituted MM are as follows: Down an old graphics model data mantertrance: Down an old graphics model data mantertrance: Validation of data changes: Validation of data			No			1 - Low	STD
SP. Norm-90182	SOB		The Spectrum Power DOM provides a logical, deject oriented date model describing power yopiem information, characteristics and behavior. The DOM is based in the DOM when DOM power yopiem information, the DOM provides are provided in the DOM provides of the DOM provided in the DOM provides of the DOM pro					Compilant - STD	- Low	510
SE2. Nation - 503.66	SOB	597 3 Nave 40.06	System configuration. Compliants of the second configuration of the second configuration compliants of the second configuration compliants of the configuration configuration compliants of the configuration configuration compliants of the configuration co			No		Compliant - STD	- Low	510
SP7 New-40165	SOB	SET News 40165	In power congained, several systems used based on (it wasying witten) colonial power gift of market congained, several systems used based on (it wasying witten) colonial power gift of market never or years and the colonial power gift of market never with other power gift of the date proposition for the Specture Power? years, now of how centered systems right to be market not extend systems or Specture power or years in the congress of the power power gift of the power gift of			No		Compliant - STD	1 - Low	STD
927, Nov-40164	SOB	977 Ness 40164	specimen Power Princetion Novel to Management (MM) is not occur data master and manager for densatin and practice can as Specimen Power Vision. MAI provides the shalls by sedicionely enter and markina power system instead engineering data engineering data can be a Specimen Power Specimen content of the billioning place of data of the provides of the power of the			No		Complant - STD	1 - Low	STD
SP7. New-40137	SOB	977 Nee- 40127	TOTAL THE CONTROL OF			nio		Compliant - STD	1 - Low	STD

			1								
SP7_New-40135	SOB	SP7_New- 40135		The GDIM IMM change detection checks the consistency between the IMM and GDIM data bases. The result of the compare is displayed in the GDIM UI.			No		Compliant - STD	1 - Low	ISTD
SP7_New-40134	SOB	SP7_New-		In this case, GIS data describing the increments (deltas) are received. GDIM does not do any			No		Compliant - STD	1 - Low	STD
		40134		change detection. † The identified changes are transformed within the model transformation and XDF files are written.							
				writen. * The GDIM UI is used for the import of XDF files to an IMM job as well as calling for the preparation, transfer, and activation of the system.							
SP7_New-40133	SOB	SP7_New- 40133		Incremental import supports auto-detection import on the full network model. Data is imported in GDMI in a new extracted dataset. During import, the change management functionally is used for comparing the imported data with the previous version of the data. "The identified changes are transformed within the model transformation and XDF files are written."			No		Compliant - STD	1 - Low	STD
		40133		In GDIM in a new extracted dataset. During import, the change management functionality is used for comparing the imported data with the previous version of the data.							
				* The identified changes are transformed within the model transformation and XDF files are written.							
				* The GDIM UI is used for the import of the XDF files to an IMM job as well as calling the preparation, transfer, and activation to the system.							
				(image: 1-Tip.png) NOTEProper distribution of the changes over all Spectrum Power servers is the responsibility of the Spectrum Power IMM engineering activation, which includes Multisite							
				the responsibility of the Spectrum Power IMM engineering activation, which includes Multisite too.							
SP7_New-40132	SOB	SP7_New- 40132		The GDIM system, engineering IMM, and the operational Spectrum Power system is initialized with a bulk export from GIS. This is considered a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UI using the			No		Compliant - STD	1 - Low	STD
		40132		before the GIS extract workflow is initiated. This process is started on the GDIM UI using the							
				bulk mode. For the initial import GIS extraction and data model transformation is performed, XDF files are written. The further steps to import the data into IMM are done using the GDIM UI.							
SP7_New-40127	SOB	SP7_New- 40127		GDIM supports the import of static graphics from a DXF file. The supported DXF file format version is AC1024. DXF parser only supports some did entities such as LWPOLYLINE, LINE, TEXT, MTEXT, CIRCLE, ARC and there is a limitation on IMMCDB side according the maximum pointcount of			No		Compliant - STD	1 - Low	STD
		40111		DXF parser only supports some dxf entities such as LWPOLYLINE, LINE, TEXT, MTEXT,							
				a posyine.							
SP7 New-40126	SOB	SP7 New		The translation engine governs the extraction process. The translation engine is a generic. The translation engine governs the extraction process. The translation engine is a generic for forcem to the data types of the contacted dataset. This generic mapping engine is of when by configurable mapping like. During is processing, the engine uses for locid aand intended so to the corresponding entaned dataset data using the specified entanction mappin, at them the translation engine manages the intendiculon between the values described entanction mappins, at their branchism charge manages the intendiculon between the values described entanction components. It branchism is an interface between the GDIM entancted dataset and the GDI. It receives the data intermined that the control of the entancted dataset configurable to the control of the entancted dataset configurable to the control of the entancted dataset configurable to the control of the entanced dataset configurable to the entanced dataset co			No		Compliant - STD	1 - Low	STD
		SP7_New- 40126		mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the data types of the extracted dataset. This generic mapping engine is driven by							
				configurable mapping files. During its processing, this engine uses the GIS data and translates it							
				writes this mapped data to the extracted dataset.							
				functions as an interface between the GDIM extracted dataset and the GIS. It receives the data							
				intermediate data model of the extracted dataset.							
				* Translates the GIS data to the corresponding extracted dataset data using the type-translation						1	
				prior the provided u.is datafact, and translater it according to the extraction mapping to the immendate data model of the contracted datasets. Translates the GIS data to the corresponding extracted dataset data using the type-translation subscondigued in the mapping files. Whites the processed data to the extracted dataset. The extracted dataset is the zame regardes of the data model in the GIS.						1	1
										1	1
SP7_New-40125	SOR	SP7 News		A GIS can utilize multiple sources of data. Each of these sources may need to be considered by containing the containing and the containing specific to the relevant GIS and data model. The translation region derives the relevant data since the extended size of the containing specific to the relevant GIS and data model. The translation region derives the relevant data size of the cartacled data set. **Single source system **Data to all the types are sourced from a single source GIS or format (GIS). **Only state, geometric data and symbology definitions are provided. **Continuit data to provide when a differency particular containing and provided; **Containing of graphic data might be on: **Substation level : **Substation level : **Substation level : **Substation level : **Add data must content from one GIS source system.			No		Compliant - STD	1 - Low	STD
	1	SP7_New- 40125		SDIM. To absorb the GIS-centric datatypes and formats, the various GDIM is depend to contain special processing and functionally specific to the relevant GIS and data model. The							1.
				The following are the spenarios for GIS data sources:						1	1
				Single source system Class for all the hones are coursed from a single source.						1	
				Single source system, static data							
				Only static geometric data and symbology definitions are provided. * Geometric data is provided with a different granularity from the base object, electrical, and							
				connectivity data (for example, multiple DXF are provided). Granularity of graphic data might be on:							
				* Entire network level * Voltage level							
				* Substation level * Feeder level, and so on.							
				* All data must come from one GIS source system.							
SP7_New-40121	SOB	SP7_New- 40121		The GDIM UI visualizes the current progress and shows logierror messages. On the GDIM UI, the data engineer selects the mode of operation (bulk, incremental mode or details mode) and choose between stepsive or automatic interports. Depending on the settings in the GDIM UI, the workflow coordinates the functions GIS data obstraction, change management, data validation, model transformation, and the target model strategies are setting to the contraction of the strategies and the target model of the contraction of the			No		Compliant - STD	1 - Low	STD
				delta mode) and choose between stepwise or automatic import. Depending on the settings in the GDIM UL the workflow coordinates the functions GIS data.							
				extraction, change management, data validation, model transformation, and the target model							
				subjust. After the generation of the eXtensible Data Format (XDF) files by the target model output, the worldflow controller creates an IMM Job and imports the XDF files into this job. The worldflow the natile the validation (can be selected optionally), preparation, transfer, articulation to the realism system, and finalization of this job. The user can select whether the validation is called and if the lob should be finalized.							
				calls the validation (can be selected optionally), preparation, transfer, activation to the realtime							
				Ob should be finalized. After finalization, the GDIM import is finished and the changes become permanent.							
				After trialization, the GDIM import is finished and the changes become permanent. To start another GIS extraction, the job must be finalized.							
SP7_New-40120	SOB	SP7_New- 40120		* GIS -> GDIM - The data extraction imports the data from GIS and writes it into GDIM's extracted dataset. The GDIM extracted dataset is a standardized intermediate schema. * GDIM - During extraction and transformation process, validation rules (attribute and consistency checks) are executed to check the accuracy of the imported data.			No		Compliant - STD	1 - Low	STD
		40110		** GDIM - During extraction and transformation process, validation rules (attribute and							
				* GDIM - Data model transformation transforms the data from the extracted data model as							
				and stores it in the extracted dataset in the transformed data model.							
				GDIM - The generated XDF files are imported into the engineering IMM.							
1	1			detailed. COMM - Data model areadonisation transforms the data from the estimated data model are COMM - Data model areadonisation transforms the data from the estimated data model. COMM - The sage model or application of the first properties of the model of the model or application of the first graphs and domain data. COMM - The sages model capture balact ONE feet graphs and domain data. Feet and the committee of the commit						1	1
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1				* Data extraction The data extraction block interfaces with the GIS database actions to data as:						1	1
1				The data entraction book interfaces with the GIS database, extract the data, and uses the chacked the accuracy of the imported data before processing them have in the sand control module. The validation rules include antibuse checking (rul, range, and enumeration check) and module. The validation rules include antibuse checking (rul, range, and enumeration check) and excellent principles of the control o						1	1
				module. The validation rules include attribute checks (null, range, and enumeration checks) and						1	
				results or findings are displayed in the GDIM User Interface (UI).						1	
				For the data extraction from the delivered GIS data, the data structure must be provided in the structure required by GDIM from the GIS system.						1	
				GDIM UI This comprises functions for management and control of the GDIM workflow, for example, start						1	
				* CDIM UT This comprises functions for management and control of the GDIM workflow, for example, start stop of Import, mode of Import, enable or disable data validation, and so on. *Venddow management This comprises the business logic for the GDIM Ut, that is, getting the next command, checking whether undo of the previous step is allowed.						1	
				This comprises the business logic for the GDIM UI, that is, getting the next command, checking whether undo of the previous step is allowed.						1	
				* Version control Data imported from GIS is maintained in versions. For each new import, a new version is						1	
1										1	1
				creates. * Change management						1	1
1	1			dataset and the new one received from the GIS. Data pre-transformation and transformation This group of functions handles the transformation of the extracted data to the format for the						1	1
				This group of functions handles the transformation of the extracted data to the format for the engineering IMM. The transformed data is stored in the extracted dataset. Validations are flore						1	
				engineering IMM. The transformed data is stored in the extracted dataset. Validations are done based on the transformed data, for example, consistency checking of voltage levels and phase information.						1	
				* Target model output The output writer uses the transformed data and nenerates XDE files for import into MANA It is						1	
1	1			driven by a mapping file which maps the transformed data into the target model.						1	1
1	1			All data imported from GIS is stored in GDIM in the extracted dataset. The object model of the						1	1
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	1	40103		Openios. This product includes software developed by the OpenSSL Project for use in OpenSSL Toolkit (http://www.openssl.org/). This product includes software written by Tim Hudson ((thi@cryptsoft.com). This product includes software written by Tim Hudson (thi@cryptsoft.com).						I	
				This product includes software written by Tim Hudson (th@cryptsoft.com). This product includes controvable software written by Fig. Young (east ¹⁰ control com).						1	
SP7_New-40102	SOB	SP7_New- 40102		This document is part of a set of manuals that describes the complete product. Various other product modules may be mentioned or discussed in this document. For more stealled information — or if you have any questions about these products — contact your			No		Compliant - STD	1 - Low	STD
1	1			Various unter product informers may be memorited or discussed in this document. For more detailed information – or if you have any questions about these products – contact your Siemens representative.						1	1
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			Agont	rithm/Concepts (optional): rription of calculation algorithms and concepts							
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		40100	aspects	its of power generation and power transmission and distribution as well as the product							
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			about ti Data E	the internal structures and processes of the network control system. Engineers							
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			describ	ibe the way the system works. Those descriptions are also in some cases part of the act.							
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			to map product	used managers index or to detailed to feed and united standards to the control of							
			in addit	dition, Proposal Managers need an overview description of the system for the tender.							
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March Marc	SP7_New-2995	Heading 5	SP7_New-	Type Editor				No				
March Marc	SP7_New-2994	Heading	2995 SP7 New-	Job Management				No				
March Marc	SP7 New-2993	Heading	2994 SP7 New 1	Main Screen				No				
March Marc		Heading	2993 CD7 Mess.	Mational Language Support				No				
March Marc		neauity	2992	venouse Language Sopport				NO.				
March Marc		Heading	SP7_New- 0 2991	Online Help				No				
Manual M		Heading	SP7_New- 5 2990	Search Function				No				
Manual M		Heading	SP7_New- 0	Generals				No				
Manual M	SP7_New-2983	Heading	SP7_New-	Operator Training System				No				
Manual M	SP7_New-2982	Heading	SP7_New- 0	Quality Assurance System (QAS)				No				
March Marc	SP7_New-2981							No				
Marie Mari		Heading	SP7_New-	Model Merge Framework				No				
Marie Mari	SP7_New-2972	Heading	2973 SP7 News	General				No				
Marie Mari		Handin-	2972 CD7 Me	Independent Joh Mode				No				
Marie Mari		reaung	2966	manyuman vuo muu								
Marie Mari		Heading	SP7_New- 0 2965	Generals				No				
Marie Mari		Heading	SP7_New- 2956	IMM UI Technology				No				
Marie Mari	SP7_New-2955	Heading	SP7_New- I 2955	IIMM Engineering Applications				No				
Marie Mari		Heading	SP7_New-	IMM Data Definition				No				
Marie Mari		Heading	SP7 New-	Functions				No				
Marie Mari	SP7_New-2952	Heading	SP7_New-	Domain Object Model				No				
Marie Mari	SP7_New-2951	Heading	2952 SP7 New-	Engineering Process				No				
Part		Heading	2951 SP7 News 1	Model Menne Framework				No				
Part		Daniel Co.	2950					No.				
Part		- reading	2949	u u pour								
Marchan Marc		Heading	2948	Non-Functional Topics				No				
Marchan Marc		Heading	SP7_New- 5 2947	System Characteristics				No				
Marchan Marc		Heading	SP7_New- 8 2946	External and Internal Interfaces				No				
Marchan Marc		Heading	SP7_New- 2945	Technology and Concepts				No				
Marchan Marc		Heading	SP7_New- I 2944	IMM User Interface				No				
Figure 1. The section of the control		Heading	SP7_New- 1	MM Administration				No				
Figure 1. The section of the control		Heading	SP7_New-	MM Access Rights				No				
Figure 1. The section of the control	SP7_New-2941	Heading 5	SP7_New-	Spectrum Power Operating System				No				
Figure 1. The section of the control	SP7_New-2940	Heading	SP7_New-	MM Logs				No				
Figure 1. The section of the control		Heading	2940 SP7 New- 8	Reporting				No				
Company Comp		Heading 5	2939 SP7 New-	Data Version Management				No				
Company Comp		Heading	2938 CD7 Mess.	Arthration of Data Channer				No				
Market M		Design 1	2937	The state of the s				No.				
Campaigne Part Pa		neauity	2936	Validation of Data Changes				NO.				
Campaigne Part Pa		Heading	SP7_New- 0 2935	Data Import and Data Export				No				
### Company of the Co		Heading	SP7_New- 1 2934	IMM Trigger Framework				No				
### Company of the Co		Heading	SP7_New- 0 2933	Graphic Data Maintenance				No				
### Company of the Co		Heading	SP7_New- 0 2932	Domain Data Maintenance				No				
### Company of the Co		Heading	SP7_New-	Job Management				No				
### Company of the Co	SP7_New-2930	Heading 5	SP7_New-	Functional Overview				No				
### Company of the Co		Heading	SP7_New-	User Interface				No				
### Company of the Co		Heading	2928 SP7 New- 10	GDIM – IMM Change Detection				No				
### Company of the Co		Heading	2923 SP7 New-	GIS Delta Import				No				
### Company of the Co		Handin-	2922 CD7 Me	GIS Incremental Import				No				
27 New 2017 Page 1907		. rossered	2921	C.C. Initial Impart				No.				
27 New 2017 Page 1907		Heading	SP/_New- 0 2920	uis intai import				NO .				
27 New 2017 Page 1907		Heading	SP7_New- 2909	DXF Support				No				
27 New 2017 Page 1907		Heading	SP7_New- 0 2908	GIS Translation Engine				No				
27 New 2017 Page 1907		Heading	SP7_New-	GIS Data Sources				No				
27 New 2017 Page 1907		Heading	SP7_New-	GDIM User Interface and Workflow				No				
27 New 2017 Page 1907		Heading	SP7_New-	Workflow Overview of GDIM				No				
27 New 2017 Page 1907	SP7_New-2900	Heading	SP7_New-	Functional Blocks of GDIM				No				
### Company Co	SP7_New-2899	Heading	SP7_New-	Non-Functional Topics				No				
Part		Heading	2899 SP7 News h	Workflows				No				
Part		Heading	2898 SP7 News	GDIM_IMM Change Detection				No				
Part		Headin-	2897 CD7 Me	Configuration				No				
27 New 2017 19 New 201		reaung	2896	portingeration								
Packed P		Heading	5P7_New- 0 2895	LAKA I ransformation				NO .				
		Heading	SP7_New- 0 2894	Change Management				No				
57 New 2012 Passing SP New		Heading	SP7_New- 2893	Data Validation				No				
27 New 2012 New		Heading	SP7_New-	Extracted Dataset				No				
27_16x2 32 1445 27_16x2 32 1445 27_16x2 32 1445 32 1455	SP7_New-2891	Heading	SP7_New- 0	GIS Data Extraction				No				
	SP7_New-2890	Heading 5	SP7_New-	Functional Overview				No				
27 1600 2801 28		Heading 5	2890 SP7_New-	Information Model Management				No				
380	SP7_New-2880	Heading	2881 SP7 New- 0	GIS Data Import Management				No				
1 295		Heading	2880 SP7 News	Introduction				No				
	SP7_New-2879			l	ı	1	1		1	1	l .	

SP7_New-	Heading	SP7_New -2873	FS-DE- EN				No					
SP7_New-	Heading	1	Introducti				No					
SP7 New-		1-1	The Data Engineeri ng (DE) comprises all tools related to the provision of	ng (DE) comprisea lattools related to the provision of engineeri ng and parameter data to the Spectrum Power System (during commissi oning and subseque nt modificati ons/exten sions). The main modules of Data Engineeri ng are the Spectrum Power GIS Data Import Managem ent			No	20-04-11		Compliant - STD	1 - Low	STD
SP7_New-	Heading	2	GIS Data Import Managem ent	(GDIM)			No					
SP7_New-	Heading	2.1	Functiona I Overview				No					
SP7_New-		2.1-1	Import Managem ent (GDIM) enables a Geograph ic Informatio n System (GIS)	GIS Data Import Managem ent (GDIM) enables a Geograph ic Informatio in System (GIS) to be a source—or the source master—for some data in a Spectrum Power™ 7 (SP7) system. GIS Data Import Managem ent (GDIM) transform s and imports maps and engineering data created in a GIS environm					Functiona I Overview	Compliant - STD	1 - Low	STD
SP7_New-	Heading	2.1.1	Functiona I Blocks of GDIM				No					

GĎIM Function I Blocks Overviev The maj functione	# (image: 1- img83a51 b)a66f6f0 799da352 393a2de9 r49_1_en_ US_TIFF.i pg) Figure 2-# GDIM Functiona I Blocks Overview The major functional blocks of the GDIM include * Data extraction The data extraction The data extraction	Yes 20-0-	4-12 Functiona I Overview	Functiona (Complia I Blocks of - STD GDIM	nt 1 - Low	STD
SP7 New-Heading 2.1.2 Workflow Overview of GDIM SP7 New-SOB 2.1.2-1 *GIS -> GDIM - The data	* GIS -> GDIM -	No Yes 20-0-		Workflow Complia Overview - STD of GDIM	nt 1 - Low	STD
SP7 New-Heading 2.1.3 GDIM User Interface and Workflow	the data from GIS and writes it into GDIM's extracted dataset. The GDIM extracted dataset is a standardi zed intermedi ate schema. **GDIM - During extraction and transform ation process, validation rules (attribute and consisten cy checks) are executed	No				

SP7_New-	SOB			UI			Yes	20-04-12	Functiona I	User	Compliant - STD	1 - Low	STD
			visualizes							Interface and			
			current	current progress						Workflow			
			and	and									
				shows log/error									
				messages									
				On the									
				GDIM UI, the data									
				engineer selects									
				the mode of									
				operation									
				(bulk, increment									
				al mode or delta									
				mode) and									
				choose									
				between stepwise									
				or automatic									
				import. Dependin									
				g on the									
				settings in the GDIM									
SP7_New-	Loading	2.2	GIS Data	UI, the workflow			No						
			Extraction										
SP7_New-	SOB			of the			Yes	20-04-12	GIS Data Extraction		Compliant - STD	1 - Low	STD
			data extraction	data extraction									
			and	and import is									
			to extract	to extract									
			the GIS data from	the GIS data from									
			the	the GIS source									
				systems and use									
				the									
				retrieved data to									
				create the relevant									
				instances in the									
				extracted									
				dataset, which									
				contains a GIS									
				GIS vendor independ									
				ent									
				represent ation of									
				the GIS data as									
				required by GDIM.									
				(image:									
SP7_New-	Heading	2.2.1	GIS Data	img6a659			No						
			Sources										

ISP/ New-1				I			I		I				
SP7_New-	SOB	2.2.1-1		A GIS can			Yes	20-04-12	GIS Data	GIS Data		1 - Low	STD
			utilize	utilize					Extraction	Sources	- STD		
			multiple sources	multiple									
				sources of data.									
				Each of									
				these									
				sources									
				may need									
			to be	to be									
			ю вс	considere									
				d by									
				GDIM. To									
				absorb									
				the GIS-									
				centric									
				datatypes									
				and									
				formats,									
				the									
				various									
				GDIM is									
				designed									
				to contain									
				special									
				processin g and									
				functionali									
				ty specific									
				to the									
				relevant									
				GIS and									
				data									
				model.									
				The									
				translatio									
SP7_New-	Hooding	2.2.2	GIS	n engine			No						
SF7_INEW-	пеаипу	2.2.2	Translatio				INO						
			n Engine										
SP7 New-	SOB	2 2 2-1	The	The			Yes	20-04-12	GIS Data	GIS	Compliant	1 - L ow	STD
SP7_New-	SOB	2.2.2-1	The	The			Yes	20-04-12	GIS Data	GIS Translatio	Compliant	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio	translatio			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine	translatio n engine			Yes	20-04-12	GIS Data Extraction	GIS Translatio n Engine	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs	translatio n engine governs			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine governs the	translatio n engine governs the			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine governs the extraction	translatio n engine governs			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine governs the extraction process. The	translatio n engine governs the extraction process. The			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio	translatio n engine governs the extraction process. The translatio			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine	translatio n engine governs the extraction process. The translatio n engine			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio	translation nengine governs the extraction process. The translation nengine is a			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translatio n engine governs the extraction process. The translatio n engine is a generic			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping engine			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping engine which			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping engine which translates			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping engine which translates the data			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation nengine governs the extraction process. The translation nengine is a generic mapping engine which translates the data types (for			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects,			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translatio n engine governs the extraction process. The translatio n engine is a generic mapping engine which translates the data types (for objects, attributes,			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data types of			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the data types of the the			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the data types of the extracted			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data types of the extracted dataset.			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the data types of the extracted dataset. This			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7 New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, attributes, and values) of the GIS of concern to the data types of the extracted dataset. This generic			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-	SOB	2.2.2-1	translation engine governs the extraction process. The translation engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data types of the extracted dataset. This generic mapping			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7 New-	SOB	2.2.2-1	translation engine governs the extraction process. The translation engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, autributes, and values) of the GIS of concern to the data types of the extracted dataset. This generic mapping engine is			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7 New-	SOB	2.2.2-1	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data types of the extracted dataset. This generic mapping engine is driven by			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
			translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the extracted dataset. This generic mapping engine is driven by configura				20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD
SP7_New-		2.2.3	translatio n engine governs the extraction process. The translatio n engine is	translation engine governs the extraction process. The translation engine is a generic mapping engine which translates the data types (for objects, and values) of the GIS of concern to the data types of the extracted dataset. This generic mapping engine is driven by			Yes	20-04-12	GIS Data Extraction	Translatio	Compliant - STD	1 - Low	STD

SP7_New-	SOB	2.2.3-1	GDIM	GDIM			Yes	20-04-12	GIS Data	DXF	Compliant	1 - Low	STD
			supports	supports					Extraction	Support	- STD		
			the import	the import									
				of static									
			graphics	graphics									
			from a	from a									
			DXF file.	DXF file.									
			The	The									
				supported									
			DXF f	DXF file									
			DAF 1	format									
				version is									
				AC1024.									
				DXF									
				parser									
				only									
				supports									
				some dxf									
				entities									
				such as									
				LWPOLY									
				LINE,									
				LINE,									
				TEXT,									
			1	MTEXT,									
			1										
				CIRCLE,			1	1					
			1	ARC and									
				there is a									
				limitation									
			1	on									
			1	IMM/ODB									
			1	side									
			1	according									
				the			1	1					
				maximum									
			1	pointcoun									
				t of a									
SP7_New-	Heading	2.3	Extracted	t or a			No						
SP7_New-:	Heading	2.3	Extracted Dataset	l or u			No						
			Dataset					20-04-12	Evtracted		Compliant	1 - Low	STD
SP7_New-S		2.3-1	Dataset The	The				20-04-12	Extracted		Compliant	1 - Low	STD
			The extracted	The extracted				20-04-12	Extracted Dataset		Compliant - STD	1 - Low	STD
			The extracted dataset,	The extracted dataset,				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is	The extracted dataset, which is				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle	The extracted dataset, which is an Oracle				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle database,	The extracted dataset, which is an Oracle database,				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle database, serves as	The extracted dataset, which is an Oracle database, serves as				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle database, serves as an	The extracted dataset, which is an Oracle database, serves as an				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle database, serves as an	The extracted dataset, which is an Oracle database, serves as				20-04-12	Extracted Dataset			1 - Low	STD
			The extracted dataset, which is an Oracle database, serves as an	The extracted dataset, which is an Oracle database, serves as an intermedi				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi	The extracted dataset, which is an Oracle database, serves as an				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems.				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source source				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project,				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project,				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems are applicable on a project, then the				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted from the dataset				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems are applicable on a project, then the extracted dataset represent				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted dataset represent s the				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted dataset represent s the combinati				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems are applicable on a project, then the extracted trepresent s the combination of				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted dataset represent s the combinati on of those				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted dataset represent s the combination of those sources.				20-04-12	Extracted Dataset			1 - Low	STD
			Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems are applicable on a project, then the extracted dataset represent s the combination of those sources. Multiple				20-04-12	Extracted Dataset			1 - Low	STD
SP7 New-	SOB	2.3-1	Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data that has been extracted from the GIS source systems. If multiple source systems are applicable on a project, then the extracted dataset represent s the combination of those sources.			Yes	20-04-12	Extracted Dataset			1 - Low	STD
	SOB		Dataset The extracted dataset, which is an Oracle database, serves as an intermedi ate re	The extracted dataset, which is an Oracle database, serves as an intermedi ate repository of all data thas been extracted from the GIS source systems are applicable on a project, then the extracted dataset represent s the combination of those sources. Multiple source				20-04-12	Extracted Dataset			1 - Low	STD

SP7_New-	SOB	2.4-1	GDIM	GDIM			Yes	20-04-12	Data	Compliant	1 - Low	STD
				validates					Validation	- STD		
			the extracted	the extracted								
				and re-								
			modeled	modeled								
			data.	data.								
			Thus, two	Thus, two								
			separate	separate								
			validation	s are								
			S	done in								
				GDIM.								
				Field								
				validation								
				performs								
				object individual								
				checks by								
				inspecting								
				the								
				attributes								
				of the data								
				extracted								
				from GIS.								
				Attribute								
				checks:								
				* Null check								
				* Range								
				check								
				*								
				Enumerati on check								
				Thus, the								
SP7_New-(Llooding	2.5	Change	quality of			No					
SF7_INCW-I	neauiig	2.5	Change Managem				INU					
			ent									
SP7_New-1	SOB	2.5-1	ent GIS	GIS			Yes	20-04-12	Change	Compliant	1 - Low	STD
SP7_New-1	SOB	2.5-1	ent GIS provides	GIS provides			Yes	20-04-12	Managem	Compliant - STD	1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data	GIS provides bulk data			Yes	20-04-12			1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS	GIS provides bulk data or GIS			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data	GIS provides bulk data or GIS data			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-3	SOB		ent GIS provides bulk data or GIS data describing the	GIS provides bulk data or GIS data describing the			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data describing the increment	GIS provides bulk data or GIS data describing the increment			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data describing the increment s. When	GIS provides bulk data or GIS data describing the increment s. When			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-2	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS bulk data then this requires the GDIM application to detect the			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM application to detect the relevant			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-2	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the redevant changes,			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM application of the detect the relevant changes, which is			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called self-			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called self- contained increment			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called self- contained increment			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM application to detect the relevant changes, which is called increment al (also called			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called self- contained increment			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS bulk data then this requires the GDIM application of the detect the relevant changes, which is called increment al (also called increment al bulk) GIS			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called increment al (also called increment al bulk) GIS import.			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called increment al (also called increment increment al (also called increment increment al (also called increment al (also called increment al (also called increment increment al (also called increment al (al			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-2	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM application to detect the relevant changes, which is called scelled increment al (also called increment al bulk) GIS import. GDIM has to perform			Yes	20-04-12	Managem		1 - Low	STD
SP7 New-1	SOB		ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS provides bulk data then this requires the GDIM applicatio n to detect the relevant changes, which is called increment al (also called increment al (also called increment al bulk) GIS import. GDIM has to perform change detection			Yes	20-04-12	Managem		1 - Low	STD
			ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS bulk data then this requires the GDIM application of the detect the relevant changes, which is called increment al (also called increment al bulk) GIS import. GDIM has to perform change detection (which			Yes	20-04-12	Managem		1 - Low	STD
SP7_New-S			ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS bulk data then this requires the GDIM application to detect the relevant changes, which is called increment al (also called increment al bulk) GIS import. GDIM has to perform change detection (which includes			Yes	20-04-12	Managem		1 - Low	STD
			ent GIS provides bulk data or GIS data describing the increment s. When GIS provides	GIS provides bulk data or GIS data describing the increment s. When GIS bulk data then this requires the GDIM application to detect the relevant changes, which is called increment al (also called increment al bulk) GIS import. GDIM has to perform change detection (which includes				20-04-12	Managem		1 - Low	STD

SP7 New-	SOB	2.6-1	ation functional block processes the delta data of	block processes the delta data of the current version stored in the extracted dataset and performs the necessary transform ations, adjustme nts, and enhance ments to the model transform ation then generates the correspon			Yes	20-04-12	Data Transform ation	Compliant - STD	1 - Low	STD
CD7 N				ding domain								
SP7_New-		2.7	Configura tion				No					
SP7 New-3		2.7-1	that pertain to the overall GDIM design are as follows: *	Two central concepts that pertain to the overall GDIM design are as follows: * Configura tion-driven * Well-defined, extensible interfaces The GDIM is designed to allow for the core functionali ty to remain fixed over time. By making GDIM highly configura ble, difference s in			Yes		Configura	Compliant	1 - Low	STD
	j		IMM Change Detection									

SP7 New-SOB	1	- IMM change detection checks the consisten cy between the GDIM and IMM	checks the consisten cy between the GDIM and IMM data bases (Spectrum Power 7 engineeri ng system). The last imported GIS dataset is compared with the export from IMM. The result of the compare is a list of equipmen t that is missing at either side.		Yes	20-04-12	GDIM – IMM Change Detection	Compliant - STD	1 - Low	STD
SP7_New-Heading		Quality Assuranc e Server	(image: 1-		No					
	2.9-1	For a controlled system environm ent, GDIM can can a Quality Assuranc e Server	For a controlled system environm ent, GDIM can run on a Quality Assuranc e Server (QAS). This alters the workflow, to provide the option to check the imported data on a non-production environm ent. For the use of this option, a QAS server must be available, and all data that is in the production system		Yes	20-04-12	Quality Assuranc e Server	Compliant - STD	1 - Low	STD
	l	and Backup								

SP7_New-	SOB	2.10-1	The GDIM	The GDIM			Yes	20-04-12	Database		Compliant	1 - Low	STD
			Database and	Database and					Location and		- STĎ		
			Versionin	Versionin					Backup				
			g is in the	g is in the									
			DOR	DOR									
			oracle	oracle database,									
			ualabase, under	under									
			GDIMU,	GDIMU,									
			GDI	GDIMU_X and GISU									
				and GISU									
				Schemas. Moving									
				the									
				database									
				or									
				producing									
				a backup has to be									
				done by a									
				system									
				administra									
				tor and is									
				not automate									
				d. In case									
				of a									
				database									
				failure, the									
				version									
				history is									
				lost and									
				has to be									
				restored by a									
SP7_New-	Heading	2.11	Workflows	by a			No						
SP7_New-	Heading	2.11.1	GIS Initial				No						
1 1			Import										
SP7_New-	SOB	2.11.1-1	-	The GDIM			Yes	20-04-12	Workflows	GIS Initial	Compliant	1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system,	system,			Yes	20-04-12	Workflows	GIS Initial Import	Compliant - STD	1 - Low	STD
SP7_New-3	SOB	2.11.1-1	The GDIM system, engineeri	system, engineeri			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-3	SOB	2.11.1-1	The GDIM system, engineeri ng IMM,	system, engineeri ng IMM,			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the	system, engineeri ng IMM, and the			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-3	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al	system, engineeri ng IMM, and the operation al			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-3	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum	system, engineeri ng IMM, and the operation al Spectrum			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power	system, engineeri ng IMM, and the operation al Spectrum Power			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is	system, engineeri ng IMM, and the operation al Spectrum Power system is			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export			Yes	20-04-12	Workflows			1 - Low	STD
SP7_New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS.			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-:	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere da one-time data			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineeri ng IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-:	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considered a one-time data migration exercise is done once before the			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated.			Yes	20-04-12	Workflows			1-Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considered a one-time data migration exercise is done once before the GIS extract workflow is initiated. This			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considered a one-time data migration exercise is done once before the GIS extract workflow is initiated. This			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineering IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UI using UI using UI using			Yes	20-04-12	Workflows			1 - Low	STD
SP7 New-	SOB	2.11.1-1	The GDIM system, engineen, ing IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UII using the bulk			Yes	20-04-12	Workflows			1 - Low	STD
			The GDIM system, engineering IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UI using the bulk mode. For				20-04-12	Workflows			1-Low	STD
SP7 New-:		2.11.1-1	The GDIM system, engineering IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UI using the bulk mode. For the initiat			Yes	20-04-12	Workflows			1 - Low	STD
			The GDIM system, engineering IMM, and the operation al Spectrum Power system is i	system, engineeri ng IMM, and the operation al Spectrum Power system is initialized with a bulk export from GIS. This is considere d a one-time data migration exercise is done once before the GIS extract workflow is initiated. This process is started on the GDIM UI using the bulk mode. For the initiat				20-04-12	Workflows			1 - Low	STD

CD7 New toop loss of the last last last last last last last last	W 15 010 0 1 14 1 0TD
SP7 New- SOB 2.11.2-1 * Increment at import supports autodetection import on the full network model. D Data is imported in GDIM in a new extracted dataset. During import, the change managem ent functionality is used for comparing the imported data with the previous version of the data. * The identified changes	Workflows GIS Increment al Import - STD
SP7_New-Heading 2.11.3 GIS Delta Import No	
<u>SP7_New</u> SOB	Workflows GIS Delta Compliant 1 - Low STD
case, GIS data data describing describing the increment increment s (deltas) are received. GDIM does not do any change detection. * The identified changes are transform ed within the model transform ation and XDF files are written. * The GDIM UI is used for the import of XDF files to an IMM job as well as calling for	Import - STD
SP7 New-Heading 2.11.4 GDIM – the No	

SP7 New-	SOB	2.11.4-1	IMM change detection checks the consisten cy between the IMM and GDIM da	checks the			Yes	20-04-12		GDIM - IMM Change Detection	Compliant	1 - Low	STD
SP7_New-	Heading	2.12	Non- Functiona I Topics				No						
SP7_New-	Heading	2.12.1	User Interface				No						
SP7_New-:		2.12.1-1	a UI that drives and controls the Import process from the GIS and	GDIM provides a UI that drives and controls the Import process from the GIS and visualizes of the current process status (which phase it is in). The UI can be opened on the ADM server. Through the UI the user can select the mode of operation, whether it is a bulk import or increment al import. Also, the selection of either				20-04-12	Non- Functiona I Topics	User Interface	Compliant - STD	1 - Low	STD
SP7_New-	Heading	3	Informatio n Model Managem				No						
SP7_New-	Heading	3.1	ent Functiona				No						
SP7_New-	Heading	3.1.1	Overview Purpose				No						
			·										
SP7 New-	neading	3.1.2	Model Merge Framewor k				No						

ISD7 Now-	COR	2121	In nouser	In nouser			Vac	20 04 12	Functions	Madal	Compliant	1 1 000	CTD
SP7_New-	ISOB	3.1.2-1	s, several systems exist based on (to varying extents) common p	In power companie s, several systems exist based on (to varying extents) common power grid or network data of the utility. Thus, the complete model maintena nce is split up in different model maintena nce systems with defined data responsibilities for a specific data item. For specific parts of			Yes	20-04-13	Functiona Overview	Merge	Compliant	1 - Low	STD
SP7_New-:	Heading	3.1.3	Engineeri	the data			No						
			ng Process										
SP7_New-:	SUB	3.1.3-1	The	The			Yes	120-04-13	Functiona	Ligineeri		T - LOW	STD
			ng process basically consists of three phases: * System conf	system engineering process basically consists of three phases: System configuration * Customiz ation * Data entry All three activities are performed during commissioning. As the customiz ation to cour when the system is in					l Overview	ng Process	- STD		
SP7 New-	Heading	3.1.4	engineeri ng process basically consists of three phases: * System conf	engineering process basically consists of three phases: * System configurat ion * Data entry All three activities are performed during commissi oning. As the requirements of the utility evolve, these activities continue to occur when the system is			No		l Overview	ng Process	- STD		

SP7_New-:	Heading	3.1.5 3.1.5-1	Power DOM provides a logical, object-oriented data model describing Functions Spectrum Power IIMM controls the data to be defined and transferred d between the e	d between the engineering database and the Spectrum Power runtime database s. IMM provides functions that act			No	20-04-13	Functiona I Overview	Object Model	Compliant - STD Compliant - STD	STD
			defined and	defined and								
			d between	d between								
				engineeri ng database and the Spectrum Power								
				database s. IMM provides								
				power system informatio n. The sub- functions								
				of IMM are as								
SP7_New-:	Heading		IMM Data Definition	follows:			No					

SP7_New-3	SOB	3.1.6-1	Power IMM functions are a set of tools that allow power system info	Power IMM IMM IMM IMM IMM IMM IMM IMM IMM IM			Yes	20-04-13	Functiona I Overview	IMM Data Definition	Compliant	1 - Low	STD
SP7_New-	Heading	3.1.7	IMM	on of data			No						
		3.1.7	Engineeri ng Applicatio ns				INO						
											_		
SP7 New-		3.1.7-1	a number of engineeri ng applicatio ns suitable for the different engineer	of engineering applications suitable for the different engineering tasks. (image: 1-img65d59 25470b68 7369da35 2393f7fa3 ae 1-en_US_TIFF.jpg) Figure 3-# General Application Structure of the IMM User Interface The amount of provided applications is dependent of the						IMM Engineeri Applicatio ns	Compliant - STD	1 - Low	STD
SP7_New-:		3.1.7-1	a number of engineeri ng applicatio ns suitable for the different engineer	a number of engineeri ng applications suitable for the different engineeri ng tasks. (image: 1-img65ds) 25470b68 7369da35 2393f7fa3 ae 1_en_US_TIFF.jpg) Figure 3-# General Application Structure of the IMM User Interface The amount of provided application ns is dependen			Yes		l Overview	Engineeri ng Applicatio	Compliant - STD	1 - Low	STD

SP7_New-3		3.1.8-1	data engineeri ng console consists of multiple monitors. During an	A typical data engineering console consists of multiple monitors. During an IMM engineering session, the console is connected to the IMM server running on Administrator (ADM). Multiple engineering consoles can be connected to the IMM server Typical Multiple engineering consoles can be connected to the IMM server. The IMM UI client UI client IMM IV I client IVI client IVI client IVI client IVI consoler IVI client IVI client IVI client IVI client IVI crosserver					Functiona I Overview	Technolo	Compliant - STD	1 - Low	STD
SP7_New-:		3.2	Job Managem ent				No						
SP7_New-3	Heading	3.2.1	Generals				No						
SP7_New-:		3.2.1-1	network diagram data entry, and engineeri ng activities ar	Domain data, graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Poeture engineeri ng database are grouped and managed. A job allows multiple and concurren			Yes	20-04-13	Job Managem ent	Generals	Compliant	1 - Low	STD
SP7_New-	Heading	3.2.2	Independ ent Job Mode				No						

SP7_New-	SOB	3.2.2-1	In .	ln .			Yes	20-04-13	Job	Independ	Compliant	1 - Low	STD
1 1			independ	independ					Managem		- STD		
1 1				ent job					ent	Mode			
			mode,	mode,									
			you can	you can									
1 1				view or									
				edit the									
1 1				model as									
				it is at the									
1 1			current	current									
1 1				time when									
1 1				you are in									
1 1				a job. You									
1 1				see the									
1 1				model as									
1 1				it currently									
1 1				is (the									
1 1				productio									
1 1				n model									
1 1				used in									
1 1				the									
1 1				Spectrum									
1 1				Power									
				runtime									
				system)									
				plus your									
				job									
				changes.									
1				You do									
				not see									
1 1				changes									
				from other									
				jobs									
				unless the									
				jobs are									
1 1				activated.									
				The									
SP7_New-I	Heading	3.3	Domain	1110			No						
			Data										
			Maintena										
			nce										
SP7 New-19	SOB	3.3-1	nce	Overview			Yes	20-04-13	Domain		Compliant	1 - Low	STD
SP7_New-	SOB	3.3-1	nce Overview	Overview Engineeri			Yes	20-04-13	Domain Data		Compliant	1 - Low	STD
SP7_New-S	SOB	3.3-1	nce Overview Engineeri	Engineeri			Yes	20-04-13	Data		Compliant - STD	1 - Low	STD
SP7_New-S	SOB	3.3-1	Overview Engineeri ng	Engineeri ng			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-S	SOB	3.3-1	Overview Engineeri ng activities	Engineeri ng activities			Yes	20-04-13	Data		Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.3-1	Overview Engineeri ng activities to change	Engineeri ng activities to change			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.3-1	Overview Engineeri ng activities to change data	Engineeri ng activities to change data			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-3	SOB		Overview Engineeri ng activities to change data require	Engineeri ng activities to change data require			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-S	SOB		Overview Engineeri ng activities to change data require working	Engineeri ng activities to change data require working			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-1	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-S	SOB		Overview Engineeri ng activities to change data require working	Engineeri ng activities to change data require working with large amounts			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-S	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-S	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-S	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-s	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-3	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-3	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties . IMM is the user			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for domain data maintena			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain data maintena nce within			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job.			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for domain data maintena nce within a job. Domain			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for domain data maintena nce within a job. Domain data editors			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-!	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data geditors provide means for the			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following:			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of information with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7 New-!	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data modificati			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
			nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties . IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data				20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
SP7_New-;			nce Overview Engineeri ng activities to change data require working amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data modificati			Yes	20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
			nce Overview Engineeri ng activities to change data require working with large amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data modificati				20-04-13	Data Maintena		Compliant - STD	1 - Low	STD
			nce Overview Engineeri ng activities to change data require working amount	Engineeri ng activities to change data require working with large amounts of informatio n with multiple attributes and properties. IMM is the user interface for domain data maintena nce within a job. Domain data editors provide means for the following: * Instance data modificati				20-04-13	Data Maintena		Compliant - STD	1 - Low	STD

SP7_New-:		3.4-1	Display constructi on of network diagrams is completel y integrated in th	is completel y integrated in the IIMM. The Graphics Editor provides means to view, create and modify graphic diagrams and also symbolog y. The graphical editing creates the link between the instances of the graphic data to instances				20-04-13	Graphic Data Maintena nce	Compliant - STD	1 - Low	STD
SP7_New-	Heading	3.5	IMM	of the			No					
			Trigger Framewor k									
SP7 New-	SOB	3.5-1	set of business logic required by downstre am applicatio ns	IMM Triggers execute a set of business logic required by downstre am application ns as it applies to the data. The IMM Trigger functionali ty provides a user-friendly data entry support. Trigger functionali ty ringer functionali ty support and the provides a user-friendly data entry support and the provides a user-friendly data entry support are able			Yes	20-04-13	IMM Trigger Framewor k	Compliant	1 - Low	STD
				to perform actions not only based on an insert, update, and or delete of instances, but also								
SP7_New-3	Heading	3.6	Data Import	actions not only based on an insert, update, and or delete of instances,			No					
SP7_New-:		3.6		actions not only based on an insert, update, and or delete of instances, but also			No					

SP7_New-			Export of Engineering Data in XDF or CIM-RDF IMM provides an interfac	Engineeri ng Data in XDF or				Data Import and Data Export	General	Compliant - STD	1 - Low	STD
SP7_New-	Heading	3.6.2	Model Merge Framewor k	umu-party			No					
SP7_New-:		3.6.2-1	companie s, several systems exist based on (to varying extents) common p					Import and Data	Model Merge Framewor k	Compliant - STD	1 - Low	STD
SP7_New-	neauing	3.7	Validation of Data Changes				No					

										1			
SP7 New-	SOB	3.7-1	ensures that the entire data model remains consistent . In addition, i	Validation ensures that the entire data model remains consistent . In addition, it ensures that all necessary data is entered (complete ness check). Validation takes place in a maintena nce environm ent, for example, a job, before the changes are activated into the Spectrum Power runtime system.			Yes	20-04-13	Validation of Data Changes		Compliant	1 - Low	STD
SP7_New-	Heading	3.8	Activation of Data Changes	Validation			No						
SP7_New-:		3.8-1	All power grid domain data and diagram data changes are done in a job. Activatio	grid domain data and diagram data changes are done in a job.			Yes	20-04-13	Activation of Data Changes		Compliant - STD	1 - Low	STD
SI /_INCW*	i reaulity	5.5	Version Managem ent				IVU						

SPT_News SOB 3.9-1 Data Ves 20-04-13 Data Ves STD													
managem managem ent and ent an	SP7_New-	SOB	3.9-1		Data			Yes	20-04-13	Data	Compliant	1 - Low	STD
ent and ent and automate autom											- STD		
automatic data state data schwing scalibles pro In a state of the state				managem									
SET_New:-Heading 3.10 Data Reporting Reporting Reporting Provided by MMM allow the created by MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM										ent			
model anchimny archimny archim													
archiving facilities pion. In color of the				static data									
Facilities Facilities provide a provided a provided of changes and allows the changes and allows the changes over time. the IMM model of orthory past view of the static data changes over time. the IMM model of orthory past view of the static data past vie													
pro					facilities								
history of model changes allows the user to track data changes to track data changes allows the user to track data changes allows the user to track data changes allows the user to the activation time. If all the post of the post o					nrovide a								
model changes and lows the user to track data changes over time. The time time time time time time time tim				pro									
changes and allows the control of th					model								
and allows the user to changes over time. Jobs in the IBM archive provide a past view of the changes over time. Jobs in the IBM archiving is enabled; displays the state of the change archive or the change archive archive archive archive in the change archive a					changes								
allows the User to to track data to the User to the Us													
track data changes over time. Jobs in model archive provide a past view of the data model based on the activation lime. If sending 3.10 Reporting feetures provided by MM. Seporting leatures provided by MM. Super to create/vie or or detail super to create/vie or or detail super to create/vie or detail subsert to create/vie or detai													
changes over time. Jobs in the IMM archive provide a past view of the state data model of the state data model of the state data in the IMM archive provide a past view of the state data model of the state data in the IMM archive provided data is separating Reporting Reporting Reporting provided by IMM allow the user to create view to user to create view to user to create view to seer to create view or detail reports of type and instance data. W. W													
over time. Jobs in the IMM archive provide a past view of the activation time. If acti													
Jobs in the IMM model archive and past view of the static data model based on activation time. If archiving is enabled, data is selected from the static data model based on activation time. If archiving is enabled, data is selected from the static data model based on activation time. If archiving is enabled, data is selected from the static data model by the selection of the selected from the selection of the s					changes								
the IMM model archive provide a post-sever static data model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on the activation lime. If all the IMM model based on													
model archive provide a pass view of the state model based on the activation time. If archiving shaped on the activation time. If archiving shaped on the activation time. If archiving shaped data is sorror in the state of the													
archive provide a past view of the static data model be the static data model be activation time. If archiving is enabled, data is enabled. SP7. New: Heading 3.10 Reporting Stored in No SP7. New: SOB 3.10-1 Data Reporting Reporting Reporting Reporting features provided by IMM allow the allow the user to create/vie create/vie create/view create/													
provide a past view of the state data nation of the state data nation of the activation time. If archiving is enabled, data is stated and archiving is enabled, and archiving													
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is enabled, data is stored in No No No SP7 New: Heading 3.10 Reporting Repor													
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SP7 New-Heading 3.10 Reporting stored in No SP7 New-SOB 3.10-1 Data Reporting Reporting Reporting Reporting Reporting Restaures provided by IMM allow the user to create/view www													
SP7 New- Heading 3.10 Reporting stored in No SP7 New- SOB 3.10-1 Data Reporting Reporting Reporting Reporting Reporting Reporting Reporting Reporting Response provided by IMM allow the user to create/vie W Was summary or detail reports of type and extrace Change Report The instance change report displays changes within a selected network equipment I hierarchy and within any hierarchy below substation													
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provided by IMM allow the user to user	SP7_New-	SOB	3.10-1	Reporting	Reporting			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
by IMM allow the user to create/vie w w	SP7_New-	SOB	3.10-1	Reporting Reporting	Reporting Reporting			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
allow the user to create/vie www www www	SP7_New-	SOB	3.10-1	Reporting Reporting features	Reporting Reporting features			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
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create/vie W W Summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM	Reporting Reporting features provided by IMM			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the	Reporting Reporting features provided by IMM allow the			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
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Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7_New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
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Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data.			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
changes within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
within a selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
selected network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
network equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The interior interior the displays changes report displays changes			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
equipmen t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
t hierarchy and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
and within any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
any hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
hierarchy below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays within a selected network equipmen t hierarchy			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
below substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting Features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
substation	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any			Yes	20-04-13	Reporting	Compliant - STD	1 - Low	STD
like	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
SP/_New_iHeading 3.11 IMM Logs No	SP7 New-	SOB	3.10-1	Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting reatures provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below			Yes	20-04-13	Reporting	Compliant - STD	1-Low	STD
				Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w Summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation				20-04-13	Reporting	Compliant - STD	1 - Low	STD
				Reporting Reporting features provided by IMM allow the user to create/vie w	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w Summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below substation				20-04-13	Reporting	Compliant - STD	1 - Low	STD

SP7 New-		3.11-1	log section of the IMM user interface. The log sect	IMM provides logs within the log section of the IMM user interface. The log section can be opened in a separate window. Selected logs can be exported to a Comma-separated Values (*c.sv) file. The following are the various log types available, dependin g on the selected dataset,			Yes	20-04-13	IMM Logs		Compliant	1 - Low	STD
SP7_New-3	Heading	3.12	Spectrum Power Operating System	job or			No						
SP7_New-3		3.12.1	Multisite Environm ent Support				No						
SP7 New-		3.12.1-1	vely managing	of control centers			Yes	20-04-13	Operating	Environm	Compliant - STD	1 - Low	STD
<u>3r/_New-</u>	rreading	3.12.2	Quality Assuranc e System (QAS)				INO						

CD7 Nove	000	0.40.0.4		1.010				00 04 10		0 12	0 11 1	4 1	OTD
SP7_New-	POR	3.12.2-1	allows	A QAS allows			Yes	20-04-13	Spectrum Power	Assuranc	Compliant - STD	T - FOM	STD
			testing data	testing data					Operating	e System (QAS)			
			changes	changes					System	(QA3)			
			without any	without any									
			implicatio	implicatio									
			n to the productio	n to the productio									
			n syst	n system.									
				The productio									
				n system									
				and QAS are									
				independ ent from									
				each									
				other. The QAS									
				takes the									
				role of the Data									
				Model Master.									
				Modified									
				and successfu									
				lly tested									
				IMM data									
				transferre									
				d from QAS to									
				the productio									
SP7_New-	Heading	3.12.3	Operator Training	productio			No						
			Simulator										
SP7_New-	SOB	3.12.3-1	Simulator An	An Operator			Yes	20-04-13	Spectrum Power		Compliant	1 - Low	STD
SP7_New-	SOB	3.12.3-1	An Operator Training	Operator Training			Yes	20-04-13	Power Operating	Training	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.12.3-1	An Operator Training Simulator	Operator Training Simulator			Yes	20-04-13	Power	Training		1 - Low	STD
SP7_New-3	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables	Operator Training Simulator (OTS) enables			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-3	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to	Operator Training Simulator (OTS) enables operators to			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-S	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice	Operator Training Simulator (OTS) enables operators to practice			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7 New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to	Operator Training Simulator (OTS) enables operators to practice runtime system			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7 New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independent from each other.			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-img570455 bbb9da35			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions. The main system and the and the offiline OTS are independ ent from each other. (image: 1-img570ef 35971345 bbb9da35 23925336 202 1 en			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-img570:45 5bb94a35 23925336 202_1_en US TIEFE			Yes	20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:	SOB	3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-img570ef 35971345 bbb9da35 23925336 202_1_en_US_TIFF jigure 3-#			Yes	20-04-13	Power Operating	Training		1 - Low	STD
			Simulator An Operator Training Simulator (OTS) enables operators to practice runtime syste	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions. The main system and the offline OTS are independ ent from each other. (image: 1- img570ef 35971345 bbb9da35 23925336 202_1_en _US_TIFF-ipg) Figure 3-# OTS				20-04-13	Power Operating	Training		1 - Low	STD
SP7_New-:		3.12.3-1	An Operator Training Simulator (OTS) enables operators to practice runtime	Operator Training Simulator (OTS) enables operators to practice runtime system operation s under simulated conditions . The main system and the offline OTS are independ ent from each other. (image: 1-img570ef 35971345 bbb9da35 23925336 202_1_en_US_TIFF jigure 3-#			Yes	20-04-13	Power Operating	Training		1 - Low	STD

SP7_New-	SOB	3.13-1	User	User			Yes	20-04-13	IMM		Compliant	1 - Low	STD
				authorizat					Access		- STD		
			ion is	ion is					Rights				
			performed	performed									
			auring log	during log									
			on to	on to Spectrum									
			Power	Power									
				IMM. IMM									
				access									
				rights and									
				instance									
				level									
				access									
				rights are									
				configure									
				d within									
				the user administra									
				tion									
				dataset.									
				Ву									
				default, a									
				user who									
				is									
				authorize									
				d to use									
				Spectrum Power									
				IMM is									
				permitted									
				to view									
				the									
				informatio									
				n available									
				within									
SP7_New-	Heading	3.13.1	IMM	***************************************			No						
			Access										
			Rights										
SP7_New-:	SOB	3.13.1-1	Rights Data	Data			Yes	20-04-13	IMM	IMM	Compliant	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and	entry and			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation	entry and activation			Yes	20-04-13	Access		Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Data entry and activation in IMM is	entry and activation in IMM is			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Pata entry and activation in IMM is controlled	entry and activation in IMM is controlled			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access	entry and activation in IMM is controlled by access			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights.	entry and activation in IMM is controlled			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides	entry and activation in IMM is controlled by access rights. IMM provides			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action.			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen ton the dataset and the requested action. The following individual			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following individual access rights are			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access right dependent on the dataset and the requested action. The following individual access rights are supported:			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen to not the dataset and the requested action. The following individual access rights are supported: * Instance data			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data ennineeri			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data ennineeri			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following individual access rights are supported: * Instance data engineeri ng * Type			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access right dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data			Yes	20-04-13	Access	Access	Compliant	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access right dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data engineering * Data			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
			Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access right dependent on the dataset and the requested action. The following individual access rights are supported: * Instance data engineering * Type data engineering * Data				20-04-13	Access	Access	Compliant - STD	1 - Low	STD
SP7_New-		3.13.1-1	Rights Data entry and activation in IMM is controlled by access rights. IIMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following individual access rights are supported: * Instance data engineeri ng * Type data engineeri ng * Data activation *			Yes	20-04-13	Access	Access	Compliant - STD	1 - Low	STD
			Rights Data entry and activation in IMM is controlled by access rights. IMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following individual access rights are supported: * Instance data engineeri ng * Type data engineeri ng * Data activation *				20-04-13	Access	Access	Compliant - STD	1 - Low	STD
			Rights Data entry and activation in IMM is controlled by access rights. IIMM provides gr	entry and activation in IMM is controlled by access rights. IMM provides granular access rights dependen t on the dataset and the requested action. The following individual access rights are supported: * Instance data engineeri ng * Type data engineeri ng * Data activation *				20-04-13	Access	Access	Compliant - STD	1 - Low	STD

SP7_New-		3.13.2-1	be assigned for each instance individuall y. They describe	Access rights can be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this instance). Instance level access rights, define on what parts of the power network			Yes	IMM Access Rights	Instance Level Access Rights	Compliant - STD	1 - Low	STD
SP7_New-3	Heading	3.13.3	IMM Console Access	data			No					
SP7_New-	SOB	3.13.3-1	Rights Console	Console			Yes	IMM	IMM	Compliant	1 - Low	STD
SP7 New-		3.13.4	access rights allow for location- based access control based on	access rights allow for location- based access control based on the IMM UI server (console) where the user currently is working. The authoritie s are always calculated as intersectio n (common subset) of access rights for console and user. Thus, granted IMM user access rights can be			No	Access Rights	Console Access Rights	- STD		
			Reservati on									
SP7_New-:	SOB	3.13.4-1	for a particular user during its creation. The current	A single job is reserved for a particular user during its creation. The current job owner and an authorize d user can reassign a job to a different user.			Yes		IMM Job Reservati on	Compliant	1 - Low	STD

SP7_New-	Heading	3.14	IMM				No						
	ricading	0.14	Administr										
SP7_New-	COR	2141	ation	IMM			Vaa	20 04 12	INANA		Compliant	1 1 000	STD
5P7_New-	SOR	3.14-1	Δdmin	Δdmin			Yes	20-04-13	IMM Administr		Compliant - STD	1 - LOW	SID
			Command Line Tool	Comman					ation		310		
			Line Tool	d Line									
			The IMM	Tool									
			admin	The IMM									
			tool is used to	admin tool is									
			manage	used to									
			the	manage									
			Spectrum	the									
			Po	Spectrum Power									
				IMM									
				datasets.									
				Managing Datasets									
				The IMM									
				admin									
				tool									
				provides									
				authorize d users									
				the									
				following									
				functionali									
				ty: * Creating									
				a new									
				dataset									
				(planning									
				dataset). * Clearing									
				all									
				instance									
				data of a									
SP7_New-	Heading	3.15	IMM User	dataset.			No						
SP7_New-	Heading	3.15.1	Interface Generals				No						
CD7 N							.,						
SP7_New-	SOB	3.15.1-1	The IMM UI can be	The IMM			Yes	20-04-13	IMM User Interface	Generals	Compliant - STD	1 - LOW	STD
				installed					linteriace		- 310		
			on any UI	on any UI									
				console.									
				IMM UI runs on									
				Windows									
			or	or Linux.									
			Linux	The client									
				is									
				updated as									
				needed									
				automatic									
				ally upon									
				login. Within the									
				user									
				interface									
				of IMM,									
				multiple editors									
				that are									
				optimized									
				for the									
				various data									
				engineeri									
				ng									
				workflows									
				allow data access									
				and									
				definition									
				covering all									
SP7_New-	Heading	3.15.2	Search Function	,			No						
	l							I	L				

SP7 New-		3.15.2-1	allows looking up instances by the instance name or parts of	The search function allows looking up instances by the instance name or parts of the instance name of a parent instance narrows the search range down to the descendants of the selected instance. Placehold er can be used to extend the search range.				20-04-13	IMM User Interface	Search Function	Compliant	1 - Low	STD
SP7_New-:	Heading	3.15.3	Online Help	range.			No						
1 1								I					
SP7 New-		3.15.3-1	ation consists of released Spectrum Power IMM manuals that ha	The online document ation consists of released Spectrum Power IMM manuals that have been converted into Portable Document Format (PDF) files. IMM has an integrated online help that provides an extensive guide to the Informatio on the Spectrum Power IMM			Yes	20-04-13	IMM User Interface	Online Help	Compliant - STD	1 - Low	STD

SP7_New-		3.15.4-1	Language Support (NLS) is provided. It is used to customize Spectrum Po	National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translation n software package and the transfer to the system is a system feature.				20-04-13		National Language Support	Compliant	1 - Low	STD
SP7_New-:	Heading	3.15.5	Main Screen				No						
SP7_New-	SOB	3.15.5-1	opens the main screen.	IMM application of starts, it opens the main screen. The main screen represent s an application framework for the IMM engineering			Yes	20-04-13	IMM User Interface	Main Screen	Compliant - STD	1 - Low	STD
SP7 New-		3.15.6		application ns. (image: 1-img2fd41 e2e69dd9 02d9da35 22a1bd1b e21 2_en US_PN G.png) Figure 3-# IMM Main Screen The main screen is structured intifferent			No						

managem mana	CD7 Now	COD	0.15.0.1	Th - 1-6	Th. 1-6			V	20 04 12	18.48.4.1.1===	1-1-	0	1 1	CTD
SP7_New: Heading 3.15.7 Type Editor is used for the following: 1 Create new types new types (image: 1-imgodedb 9900-7411 9279da.35 22a.3791b 295_1 en U.S_PN G.png) Figure 3-# Type Editor Type Editor Type (image: 1-imgodedb 9900-7411 9279da.35 22a.3791b 295_1 en U.S_PN G.png) Figure 3-# Type Editor Type Editor Type (image: 1-imgodedb 9900-7411 9279da.35 22a.3791b 295_1 en U.S_PN G.png) Figure 3-# Type Editor Type Editor Type inspector. The rips is a read-only mode available called Type inspector is used to view the existing types. SP7_New: Heading 3.15.8 Model (image: 2-imgodedb 9000-74) (image: 2-imgodedb 9000	SP7 New-	ISOB	3.15.6-1	ent UI is used for the following: * Create and open a job * Valid	ent UI is used for the following: * Create and open a job * Validate and activate a job * Administr ate jobs (image: 1-img74e84 36e9fce a909da35 22a65bc9 8bb_2_en_US_PN G.png) Frigure 3-# Job Managem ent UI shows the following informatio n about			Yes	20-04-13		Managem	Compliant	1 - Low	STD
SP7 New: SOB 3.15.7-1 The Type Editor is used for the following: "Create new types new types "View and edit ex existing types (image: 1-imgodedb 980e 7411 9279da35 22a3791b 295 1_en US_PN G_ing) Figure 3-# Type Editor There is a read-only mode available called Type inspector. The type inspector is used to view the existing types (image: 2-imspector is used to view the existing types (image: 2-imspector is used to view the existing types. (image: 2-imspector it the interface defined to the interface	SP7_New-	Heading	3.15.7					No						
Editor is used for the to the tollowing: 1 Create new Vpes hew types 1 View and edit existing types 2 Casa791b 2 95 1 en US PN G, png) Figure 3-# Type Editor There is a read-only mode available called Type linspector. There is a read-only mode available called Type linspector. There is a read-only mode available called Type linspector. The type line type														
Graphics				Editor is used for the following: * Create new types * View and edit ex	Editor is used for the following: * Create new types * View and edit existing types (image: 1-img0dedb 980e74f1 9279da35 22a3791b 2295_1_en_US_PN G.png) Figure 3-# Type Editor There is a read-only mode available called Type inspector. The type inspector is used to view the existing types.				20-04-13				1-Low	SID
	51 7 14040-	neading	0.10.0	and				140						

SEZ_New_SOB 3.15-9.1 The Major Model Caraphics Eator is E	007 11													
Editor (MIE) (MIE) allows for user- user- defined query litters on a combi a combinati on of data instances, attributes and associatio ns. The retrieved objects and attributes can then be edited similarly to what is possible in the IMM UI. Queries can be defined, saved and loaded for reuse. (Image: SP7. New-Heading 3.15.10 Symbol Editor Editor Editor Editor Editor Editor Editor Feditor Feditor Feditor IMM UI. Queries Can be defined, saved and loaded for reuse. (Image: Sp7. New-Heading 3.15.10 Symbol) Feditor Editor	SP7 New-3		3.15.8-1	and Graphics Editor is used to: * View and modify instance properties 	and Graphics Editor is used to: * View and modify instance properties including links * Create a new instance * View, create, or modify network displays (image: 1-imgb53fe 8e774f5a b749da35 22a362d8 34f_2_en_US_PN G,png) Figure 3-# Model and Graphics Editor The screen is				20-04-13	Interface	and Graphics	Compliant - STD	1 - Low	STD
Editor	SP7 New-	SOB	2 15 0 1	Editor				Vos	20-04-13	IMM Hear	Multi-	Compliant	1 - Low	STD
				Editor The Multi- Instance Editor (MIE) allows for user- defined query filters on a combi	The Multi-Instance Editor (MIE) at loss for user-defined query filters on a combination of data instances, attributes and associations. The retrieved objects and attributes can then be edited similarly to what is possible in the IMM UI. Queries can be defined, saved and loaded for reuse. (image:				20-04-13	Interface	Instances		1 - Low	STD

SD7 Nov.	COR	2 1 5 1 0 1	The	The			Vac	20 04 12	INANA LIGE:	Cumbal	Compliant	1 1 000	CTD
SP7 New-	SOB	3.15.10-1	Symbol Editor is used to edit symbols used on diagrams. Figure 3-# Symbol Ed				Yes	20-04-13	IMM User Interface	Symbol Editor	Compliant - STD	1 - Low	STD
SP7_New-	Heading	3.15.11	Color Editor	such as a			No						
SP7 New-	SOB	3.15.11-1	The Color Editor is used to view, modify, and define color values for color inst	The Color Editor is used to view, modify, and define color values for color values for color			Yes	20-04-13	IMM User Interface	Color Editor	Compliant - STD	1 - Low	STD
SP7_New-I	Heading	3.15.12	Decision Table Editor				No						

			I	I									
SP7 New-	SOB	3.15.12-1	The Decision Table editor is used to maintain diagram decision tables for evalua	evaluating the presentati on of dynamic display objects in the runtime environm ent based on their status, quality and other informatio n. (image: 1-imgfrd7c ed8e26b3 3ac9da35 22a5c1d8 lb1_1_en_US_PN G_png) Figure 3-#			Yes	20-04-13	IMM User Interface	Decision Table Editor	Compliant	1 - Low	STD
SP7_New-:	Heading	3.15.13	Shape Style	Decision			No						
SP7 New-	SOB	3 15 12-1	Editor	The			Yes	20-04-13	IMM Heer	Shane	Compliant	1 - 1 014	STD
SP7 New-		3.15.13-1	The Shape Style Editor is used to create reusable shape styles which represent a	The Shape Style Editor is used to create reusable shape styles which represent a particular graphic property combination that can be assigned to graphic objects instead of assignied properties one after the other. (image: 1-img9eb68 944e2e11 f3c9da35 22a33789 03a 1_en US_PN G,png) Figure 3-#				20-04-13		Shape Style Editor	Compliant - STD	1 - Low	STD
SP7_New-:		3.15.13-1	The Shape Style Editor is used to create reusable shape styles which represent	Shape Style Editor is used to create reusable shape styles which represent a particular graphic property combinati on that can be assigned to graphic objects instead of assigning multiple properties one after the other. (image: 1- img9eb68 944e2e11 f3c9da35 22a33789 03a 1_en US_PN G.png)			Yes	20-04-13	Interface	Style		1 - Low	STD

SP7_New-:	SOB	3.15.14-1	Style groups are used to apply dynamic styles to display objects. The Style Grou	Style groups are used to apply dynamic styles to display objects. The Style Group Editor is used to maintain unique styles matching the rules configure d in the diagram decision tables by the Decision Table Editor. (image: 1-img7d8fa 466e2f2fd 779da352 2a3052b3 81_1 = n_US PNEC.			Yes	20-04-13		Style Group Editor	Compliant - STD	1 - Low	STD
				png) Figure 3-#									
SP7_New-	Heading	3.15.15	Style Logic Editor	Style			No						
SP7 New-		3.15.15-1	Logic Editor is used to maintain style logics for evaluating the style	evaluating				20-04-13	IMM User Interface	Style Logic Editor	Compliant - STD	1 - Low	STD
SP7_New-	neading	3.15.16	Symbol Group Editor				No						

SP7_New-	SOB	3.15.16-1	Symbol	Symbol			Yes	20-04-13	IMM User	Symbol	Compliant	1 - Low	STD
S. J. Hew	301	3.10.10-1	groups are used to apply dynamic symbols to display objects. The Symbol G	groups are used to apply dynamic symbols				20-04-13	Interface	Group Editor	- STD	1 - LOW	310
SP7_New-:	Heading	3.15.17	Symbol	Figure 3-#			No						
CD7 Now	COD	0.45.47.4	Logic Editor	The s			\/	20.04.12	1545411===	Cl	0	4 1	CTD
SP7 New-:		3.15.17-1	Editor The Symbol Logic Editor is used to maintain symbol logics for evaluating the sym	evaluating the symbol of the presentati on of dynamic display objects in the runtime environm ent based on the combinati on of a decision table and a symbol group. (image: 1-img7a9e6 f4de36b7 0d99da35 22a6cd16 f51 1 en US_PN				20-04-13	IMM User Interface	Symbol Logic Editor	Compliant - STD	1 - Low	STD
SP7_New-:		3.15.17-1	Editor The Symbol Logic Editor is used to maintain symbol logics for evaluating the sym	Symbol Logic Editor is used to maintain symbol logics for evaluating the symbol of the presentation of dynamic display objects in the runtime environment based on the combination of a decision table and a symbol group. (image: 1-img7a9e6 fdde36b7 od99da35 22a6cd16 f51 1 en US_PN			Yes	20-04-13	Interface	Logic		1 - Low	STD

SPT_New_SCB 3.15.19 The Text The Text Super	CD7 N												
Represent tation Editor SPT New- SOB 3.15.19-1 The Analog Represent tation Editor is used to view the defined analog represent ati Image: 1- img604td 502e73d3 oc194d35 22a3d9b8 128 1. en US_PN G.png) Figure 3-# Analog Represen tation Editor US_PN G.png) Figure 3-# Analog Represent atition Editor Editor is used to view the defined analog represent ati Represent ati STD MMM User Analog Represent ati Imm Muser Represent ati Imm Muser Represent ati STD Represent ati Imm Muser Represent ati Imm Muser Represent ation Editor is used to view the defined analog represent ati Imm Muser Represent ation Editor is used to view the defined analog represent ati Imm Muser Represent ation Editor is used to view the defined analog represent ati Imm Muser Represent ation Editor is used to view the defined analog represent ati Imm Muser Represent ation Editor is used to view the defined analog analog represent ati Imm Muser Analog Represent ation Editor is used to view the defined analog analog represent ati	SP7 New-SOB	3.15.18-1	Style Editor is used to create reusable text styles which represent a p	used to create reusable text styles which represent a particular graphic property combination that can be assigned to graphic text objects. (image: 1-img4c4b3 db7e72b1. 44b9da35 22a5904c c96_1_en_US_PN_G.png) Figure 3-# Text Style			Yes	20-04-13	IMM User Interface	Text Style Editor	Compliant	1 - Low	STD
Analog Represen Represen lation Editor is used to view the defined analog represent ation ation styles. (image: 1- img604fd 502e73d3 cc19da35 22a3d9b8 128_1en US_PN G.png) Figure 3-# Analog Represen lation Editor	SP7_New-Heading	3.15.19	Represen tation				No						
ST7_INEW-I Heading 3.15.20 Auto Save			Analog Represen tation Editor is used to view the defined analog represent ati	Analog Represent tation Editor is used to view the defined analog represent atton Styles. (image: 1-img604fd 502e73d3 cc19da35 22a3d9b8 128 1_en US_PN G.png) Figure 3-# Analog Represent attion Editor				20-04-13	Interface	Represen tation		1 - Low	STD
	SP7_New-Heading	3.15.20	Auto Save	1			No						

SP7_New-	COD	0.15.00.1	15.45.4 1.11	18.48.4.1.11			V	20 04 12	13.43.4 1.1===	At- C	0	1 1	CTD
ST / NEW-	JOUR	3.15.20-1	has a functionali ty that automatic ally saves the unsaved changes locally	ally saves the unsaved changes locally into an export file, which can be recovered in case of a disconnec t or a system failure happened in the IMM UI context. This is to prevent or limit the loss of work when an unexpect ed situation happens. The			Yes	20-04-13	IMM User Interface	AULU SÄVE	- STD	ı-LOW	STD
SP7_New-	Heading	3.15.21	Alarm	exports			No						
			Response Text Configura tion										
SP7 New-			UI has also a functionality that allows the operator to configure alarm	The IMM UI has also a functionality that allows the operator to configure alarm response text options, for a selected alarm message, using an Alarm-Response Diagram. This diagram is a single-line diagram, created by the data engineer, that contains the instruction s on how to react to the alarm.				20-04-13		Alarm Response Text Configura tion	Compliant - STD	1 - Low	STD
SP7_New-	Heading	3.16	Technolo gy and Concepts	the alarm.			No						
SP7_New-3	Heading	3.16.1	Object- Oriented Data Modeling Approach				No						

SP7_New-	SOB	3.16.1-1	The CIM	The CIM			Yes	20-04-13	Technolo	Object-	Compliant	1 - Low	STD
			is defined							Oriented	- STD		
			in Unified	in Unified					Concepts	Data			
			Modeling	Modeling						Modeling			
			Language	Language						Approach			
			(UML).	(UML).									
			UML uses	ÙML úses									
			an object-	an object-									
			orient	oriented									
				approach									
				that									
				describes									
				a model									
				as a									
				collection									
				of									
				classes,									
				class attributes,									
				and associatio									
				ns.									
				Within a									
				system, a									
				class									
				represent									
				s a									
				specific									
				type of									
				object									
				being									
				modeled.									
				Each									
				class can									
				have its									
				own									
				internal									
SP7_New-	Heading	3.16.2	IMM	Internal			No						
			Types										
			1 ypcs										
SP7 New-	SOB	3.16.2-1		Introducti			Yes	20-04-13	Technolo	IMM	Compliant	1 - Low	STD
SP7_New-	SOB	3.16.2-1	Introducti	Introducti on			Yes	20-04-13	Technolo gy and		Compliant - STD	1 - Low	STD
SP7_New-3	SOB	3.16.2-1	Introducti on A type	on			Yes	20-04-13	gy and	IMM Types	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.16.2-1	Introducti on A type is a	on A type is			Yes	20-04-13			Compliant - STD	1 - Low	STD
SP7_New-3	SOB	3.16.2-1	Introducti on A type is a logical	on A type is a logical			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB	3.16.2-1	Introducti on A type is a logical structure	on A type is a logical structure			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the	on A type is a logical structure of the			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that	on A type is a logical structure of the			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-3	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-3	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7 New-	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7 New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7 New-	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example,			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker).			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type Each type Each type			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Introducti on A type is a logical structure of the DOM that defines the data	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent attion of a certain resource (for example, a circuit-breaker). Each type cats own internal attributes and			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent accretain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-s	SOB		Introducti on A type is a is a singular structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent attion of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a singular structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationships with other types.			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a singular structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types.			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organizati on and represent attion of a certain resource (for example, a circuit-breaker). Each type cats own internal attributes and relationshi ps with other types. The full set of			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute s the			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
SP7_New-:	SOB		Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute s the DOM. The			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
			Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute s the DOM. The types			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD
			Introducti on A type is a logical structure of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute s the DOM. The				20-04-13	gy and		Compliant	1 - Low	STD
SP7_New-S			Introducti on A type is a is a consistent of the DOM that defines the data orga	on A type is a logical structure of the DOM that defines the data organization and represent ation of a certain resource (for example, a circuit-breaker). Each type can have its own internal attributes and relationshi ps with other types. The full set of types constitute s the DOM. The types			Yes	20-04-13	gy and		Compliant - STD	1 - Low	STD

SP7_New-	SOB	3.16.3-1	Real-	Real-			Yes	20-04-13	Technolo	Instance	Compliant	1 - Low	STD
			world	world						Data	- STD		
			objects of	objects of					Concepts				
			a power system	a power system									
			are	are									
			represent										
			ed in IMM	ed in IMM									
			as	as									
			instances	instances									
			of data	of data									
				types.									
				For .									
				example,									
				Breaker is									
				a type that									
				describes									
				all									
				characteri									
				stics and									
				behavior									
				of circuit									
				breakers.									
				The									
				circuit-									
				breaker CB A1									
				contained									
				within the									
				bay Bay									
				A1 is a									
				real-world									
				object -									
				an									
				instance									
SP7_New-	Heading	3.16.4	Domain	of the			No						
			Data										
			Topology										
SP7 New-	SOB	3.16.4-1	Topology	When			Yes	20-04-13	Technolo	Domain	Compliant	1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining	When defining			Yes	20-04-13	Technolo gy and	Domain Data	Compliant - STD	1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how	defining how			Yes	20-04-13	Technolo gy and Concepts	Data		1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how compone	defining how compone			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how compone nts within	defining how compone nts within			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how compone nts within a power	defining how compone nts within a power			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how compone nts within a power system	defining how compone nts within a power system			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB	3.16.4-1	Topology When defining how compone nts within a power system network	defining how compone nts within a power system network			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network ioin	defining how compone nts within a power system network join			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together,	defining how compone nts within a power system network join together,			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network ioin	defining how compone nts within a power system network join together, rather than			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together,	defining how compone nts within a power system network join together, rather than define			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together,	defining how compone nts within a power system network join together, rather than define direct			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together,	defining how compone nts within a power system network join together, rather than define direct connectio			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together,	defining how compone nts within a power system network join together, rather than define direct connectio n			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how compone nts within a power system network join together, rather than define direct connection between			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how compone nts within a power system network join together, rather than define direct connection between compone			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how compone nts within a power system network join together, rather than define direct connection between compone nts, DOM			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than defined direct connection between components, DOM uses Terminals			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectiv Components with the components of the connectivity Con			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectiv Components with the components of the connectivity Con			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example,			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than defined direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing a			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing a Breaker, a Load and a			Yes	20-04-13	gy and	Data		1 - Low	STD
SP7_New-	SOB		Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join to gether, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing a Breaker, a Load and a Lline			Yes	20-04-13	gy and	Data		1 - Low	STD
			Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join together, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing a Breaker, a Load and a				20-04-13	gy and	Data		1 - Low	STD
SP7_New-			Topology When defining how compone nts within a power system network join together, rather	defining how components within a power system network join to gether, rather than define direct connection between components, DOM uses Terminals and Connectivity Nodes. For example, a very simple electrical circuit containing a Breaker, a Load and a Lline			Yes	20-04-13	gy and	Data		1 - Low	STD

SZ_New_Heading 1.17.2 Data SZ_New Heading 1.17.2	SP7_New-	SOB	3.16.5-1	A dataset	A dataset			Yes	20-04-13	Technolo	Dataset	Compliant	1 - Low	STD
SP7_New_Heading 3.17.1 Data Exchange Exchange MVS SSP_New_SOB 3.17.1-1 XML is a MVS Standards	SP/ New-	SOR	3.16.5-1	is a set of data that belongs logically together. All datasets	is a set of data that belongs logically together. All datasets together are building the IMM database called DOR. Default settings, the following datasets are installed: *Real-Time dataset (RT) Contains the engineering data (including network diagrams) used in the Spectrum			Yes	20-04-13	Technolo gy and Concepts	Dataset	Compliant - STD	1 - Low	PID
and internal interfaces SPT_New_Heading 3.17.1 Data Exchange using XML lies W3C W3C standards shased based leads in the data is en encoded as plain text, though the machine-readable. An XML file is also called an XAML file is also called an Import and Export IMM file is also called an Import and Export IMM file is also called an Import and Export IMM file is also called an Import and Export IMM file is also called an Import and Export IMM file is also called an Import and Export IMM file is also called an XAML document for instance data Export IMM file is also called an XAML document for instance data Export IMM file is also called an XAML document file instance Data Import and Export IMM file is also called an XAML document file instance Data Import and Export IMM file is also called an XAML document file instance Data Import and Export IMM file is also called an XAML document file instance Data Import and Export IMM file is also called an XAML document file instance Data Import and Export IMM file is also called an XAML document file instance data exchange interfaces for in	SP7 New-	Heading	3.17	External				No						
Exchange using XML Files SP7. New: SOB 3.17.1-1 XML is a W3C w3C w3C standards standa		, g		and Internal										
W3C W3C standards shased lext text format for interchan ge of data. The data is encoded as plain text, thus allowing it to be both human and machine-readable. An XML file is also called an XML file is also called an XML file is also called an XML document linstance Data Import and Export IMM provides interfaces for instance data exchange standards.	SP7_New-:	Heading	3.17.1	Exchange using				No						
Export using				W3C -based text format for interchan ge of data. The data is en	W3C standards standards standards standards standards leaved text format for interchan ge of data. The data is encoded as plain text, thus allowing it to be both human and machine-readable. An XML file is also called an XML document . Instance Data Import and Export IIMM provides interfaces for instance data				20-04-13	and Internal	Exchange using	Compliant	1 - Low	STD
	SP7_New-	Heading	3.17.2		exchange			No						
				using										

		1										
SP7_New-			values file, which allows data to be stored in a tabl	separated values file, which allows data to be stored in a table structured , plain text format. Each line of the file is a data record. Each record consists of one or more fields, separated by commas. The use of the comma as a field separator is the source of the name for this file format. The CSV			Yes		Export	Compliant	1 - Low	STD
SP7_New-	Heading	3.17.3	File Formats for Graphic Data Exchange	file format			No					
SP7_New-	SOB	3.17.3-1	data and the templates used by the Spectrum Power Graphics Edi	diagram data and the templates used by the Spectrum Power Graphics Editor can be imported and exported in XDF and RDF format. These formats allow keeping the links to associate d domain data instances, thus it's more than just importing static graphical data. Symbols			Yes	and Internal Interfaces	Formats for	Compliant	1 - Low	STD
SP7_New-	Heading	3.17.4	ASR	in Global			No					

CD7 Now	COD	0 17 4 1	ACD	ACD.			V	20 04 12	F	ACD	0	1 1	CTD
SP7_New-:		3.17.4-1	mapfiles are mapping instruction s that specify how the instance data in IMM	ASR mapfiles are mapping instruction s that specify how the instance data in IMM is transform ed into the structures used by Spectrum Power runtime applicatio ns. This mapping is used for increment al and full populatio n of both RDBMS based and SMMF based ASRs. The format of			Yes	20-04-13		ASR Mapfiles	Compliant	1 - Low	STD
SP7_New-	Heading	3.17.5	Command Line	the ASR			No						
			Interface										
SP7 New-		3.17.5-1	-line interfaces allow to interact with IMM by typing in command s in	The command -line interfaces allow to interact with IMM by typing in command line tool on the command line tool on the command line tool can be called from a shell or from a				20-04-13	and	Command Line Interface	Compliant	1 - LOW	STD
SF7_NEW-	i ieauliig	3.10	System Characteri stics				No						
SP7_New-	Heading	3.18.1	Auditing				No						

SP7_New	SOB	3.18.1-1	IMM job	IMM job			Yes	20-04-13	System	Auditing	Compliant	1 - Low	STD
			auditing	auditing					Characteri		- STĎ		
			keeps	keeps					stics				
			track of	track of									
			the last	the last									
				user and									
			the last time	the last									
				time graphical									
			or dom	or domain									
			or dom	instance									
				data									
				changes									
				were									
				made in a									
				job.									
				The									
				previous									
				value and									
				the value changed									
				by a job									
				are									
				reported.									
				For a									
				given									
				instance									
				of data									
				within a									
				specified									
				time									
				frame, the lifecycle									
				of									
				modificati									
				ons can									
SD7 Now	Heading	3.18.2	Authorizat	be			No						
SF /_INEW	ineauling	3.10.2	ion and				140						
			Security	1								1	
SD7 New	SOR	2 10 2 1	Security	The IMM			Voc	20.04.12	System	Authorizat	Compliant	1 - L ow	STD
SP7_New	SOB	3.18.2-1	The IMM	The IMM			Yes	20-04-13			Compliant	1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security	security			Yes	20-04-13	Characteri	ion and	Compliant - STD	1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is	security service is			Yes	20-04-13	Characteri			1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall	security service is part of the overall			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum	security service is part of the overall Spectrum			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power	security service is part of the overall Spectrum Power			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power	security service is part of the overall Spectrum Power security strategy			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use.			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed A multilevel security concept ensures the secure			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the sysecure operation of Spectrum			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure of Spectrum Power			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM.			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IRM The IMM			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. The IMM security			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is service is service is service with service	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. The IMM Security concept concept ensures the secure operation of spectrum Concept			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is service is service is service with service	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the system operation of Spectrum Power IMM. The IMM security concept mainly			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. The IMM security concept mainly relies on the			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7 New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. The IMM security concept mainly relies on the			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures secure operation of Spectrum Power IMM. The IMM security concept mainly relies on the following: *User			Yes	20-04-13	Characteri	ion and		1 - Low	STD
SP7_New	SOB	3.18.2-1	The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure IMM. The IMM security concept mainly relies on the following: * User authorizat			Yes	20-04-13	Characteri	ion and		1 - Low	STD
			The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. Security concept mainly relies on the following: *User authorizat				20-04-13	Characteri	ion and		1 - Low	STD
SP7 New		3.18.2-1	The IMM security service is part of the overall Spectrum Power security strategy	security service is part of the overall Spectrum Power security strategy to protect the system against unauthori zed use. A multilevel security concept ensures the secure operation of Spectrum Power IMM. Security concept mainly relies on the following: *User authorizat			Yes	20-04-13	Characteri	ion and		1 - Low	STD

SP7 New-is	ОВ	3.18.3-1	scalability regarding: * Number of dat	re of IMM provides scalability regarding: * Number of datasets * Data volume per datasets * Number of users working in parallel Datasets Data required for the operation of a Spectrum Power system is split into four logical, independ ent datasets: * Realtime dataset			Yes	20-04-13	System Characteri stics	Scalability	Compliant - STD	1 - Low	STD
SP7_New-H	eading	3.18.4	Backup	(RT)			No						
			and Restore										
SP7 New-;H			Power backup concept provides a mutual interlock of backup and acti	The Spectrum Power backup concept provides a mutual interlock of backup and activation by: * Assuring that a user cannot start the activation of a job while a backup process is in progress * Preventin g a backup while an activation is running				20-04-13	System Characteri stics		Compliant	1 - Low	STD
SI / INCW-IH	cauriy		Deployme nt				No						

SPZ_New_Heading 3.19 1 To meet Complement of To meet Complement Co						 	 							
System Sy	SP7_New-	SOB	3.18.5-1	customer requireme nts	requireme nts			Yes	20-04-13	Characteri	Deployme	Compliant - STD	1 - Low	STD
performan different damaged hardware configurate of defined. Heading and performan different standard hardware configurate of defined. Heading and performan deployme and performan deployment and performant and performant deployment and performant deployment and performant deployment and performant deployment deploymen				system sizing, availability	system sizing, availability									
SPZ_New_Heading 3.19 Non- Functional Spyrouse No No Stock					performan ce,									
SP7_New_Heading 3.19.1 User STD					standard hardware configurat									
within Spectrum Prover 7 helphymre in the scenario supported by within a Spectrum Prover 7 system is consolid supported by within a Spectrum Prover 7 system is consolid interface in Tripics No No No No No No No N					defined. IMM Deploym									
deployment scenario supported within a supported within a spectrum Power 7 system is follows: (image: SPT. New: Heading 3.19 - Non- I Topics SPT. New: Heading 3.19.1 - I Topics SPT. New: SOB 3.19.1 - I Topics SPT. New: SOB Showing a 286435 in the support of					within Spectrum Power 7									
by iMM within a Spectrum Power 15 postering					deployme nt scenario									
SP7. New: Heading 3.19 Son-Free Sp7. New: Heading 3.19. Performa and attribute values of the selected instance in the working area. Tooligh help help help help help help shows a nice paramete No.					by IMM within a Spectrum									
SPZ_New:-Heading 3.19 Non-Functional Tripoles SPZ_New:-Heading 3.19.1 User Interface SPZ_New:-SOB 3.19.1.1 Figure 3-# (image: 1- image:					system is as follows:									
Functiona Functi	CD7 Nov	11	0.10	NI	(image:			NI-						
SP7_New_Bode Sob Span Sp				Functiona I Topics										
Interface 16d37b06 Showing agreed and attribute values of the selected instance in the working area. Tooltip help Paramete	SP7_New-l	Heading	3.19.1					No						
nce Paramete			3.19.1-1	Interface Showing the Domain Model Tree and Instance Attribu	16d37b06 azf9da35 29676341 16a 3 en US_PN G.png) Figure 3-# IMM User Interface Showing the Domain Model Tree and Instance Attributes and attributes of the selected instance in the instance in the instance in the working are displayed in the working area. Tooltip help			Yes	20-04-13	Functiona	User Interface	Compliant	1 - Low	STD
Paramete	SP7_New-	Heading	3.19.2		shows a			No						
				Paramete										

SP7 New-is	GOB	3.19.2-1	nce Test Results	ng on a distribute d Control Center System Description Normal Load High Activity Peak Load Unit Typical response time in the scope of dialog actions (data available			Yes	20-04-13	Functiona I Topics	Performa nce Parament ers	Compliant - STD	1 - Low	STD
		0.40		and loaded locally). < 1.0 < 1.5 n/a sec Tree: Open tree with 640 substation									
SP7_New-IH	leading	3.19.3	Sizing				No						
SP7 New-;SI			System Operation and Environm ent Maximum number	System Sizing Data Model Related System Operation and Environm ent Maximum number of supported Emergenc y Backup Systems for Main Control Center 1 (maximum) Maximum number of IMM UIs per ADM 6 Information Model Managem ent Application Maximum file size for data model exchange			Yes	20-04-13	Non- Functiona I Topics	Sizing	Compliant - STD	1 - Low	STD
SF/_NEW-H	reaumg	3.19.4	ed IEC	-			INU	1		1			

SP7_New-iSOB	ent systen applica	and: Energy em managem ent system application n program interface (EMS-API) — Common information n model (CIM) base IEC 61968-11: System interfaces for distribution n model (CIM) extension for distribution n IEC 62325-			Yes	20-04-13	Non- Functiona I Topics	Referenc ed IEC Standards	Compliant - STD	1 - Low	STD
SP7_New-SOB	ent system applica	301: 61970- 301: 7 Energy em managem ent system applicatio ram n program te interface			No				Compliant - STD	1 - Low	STD

SP7_New-SOB	and Environn ent Maximur	System Sizing Data Model Related System of Operation and n Environment mumber of supported Emergenc y Backup Systems for Main Control Center 1 (maximum m) Maximum number of	No	Compliant - STD	1-Low STD
SP7 New-SOB	SP7 New Table #	IMM UIS per ADM 6 Informatio n Model Managem ent Applicatio n Maximum file size for data model exchange lable #	No	Compliant	1-Low STD
ST THEN SOU	-40280 Performa nce Test Results for Data Enginee ng on a distribute	Performa		- STD	T-LOW SID

SP7 New-SOB SP7 New -40279 Image		STD
the 29676341 Domain 16a 3 en Model US_PN Tree and G.png) Instance Figure # Attribute IMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
the 29676341 Domain 16a 3 en Model US_PN Tree and G.png) Instance Figure # Attribute IMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Instance Figure # Attribute IMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Instance Figure # Attribute IMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Instance Figure # Attribute IMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
AttributeIMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
AttributeIMM User Interface Showing the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
the Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Domain Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Model Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Tree and Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
Instance Attributes The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
The attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
attributes and attribute values of the selected instance in the instance hierarchy are displayed in the working		
and attribute values of the selected instance in the instance hierarchy are displayed in the working		
attribute values of the selected instance in the instance hierarchy are displayed in the working		
values of the selected instance in the instance hierarchy are displayed in the working		
the selected instance in the instance hierarchy are displayed in the working		
instance in the instance hierarchy are displayed in the working		
in the instance hierarchy are displayed in the working		
instance hierarchy are displayed in the working		
hierarchy are displayed in the working		
are displayed in the working		
displayed in the working		
working		
Tooltip		
help		
	t 1 - Low	STD
SP7_New SOB SP7_New To meet STD STD STD	1 - LOW	310
requireme requireme	'	
	'	
regarding regarding	'	
system system sizing, sizing,	'	
sizing, sizing, availability	'	
and and and	'	
performa., performan	'	
	'	
different		
standard hardware		
Industrial		
l lions are		
defined.		
IMM		
Deploym ent		
ent within		
Spectrum		
Power 7		
The The		
deployme nt		
scenario		
supported		
Spectrum Power 7		
Power 7 system is		
as		
follows:		
(image:		

SP7_New~SOB	Power backup concept provides a mutual interlock	The Spectrum Power backup concept provides a mutual interlock of backup and activation by: * Assuring that a user cannot start the activation of a job while a backup process is in progress * Preventin g a backup while an activation is running	No	Compliant 1 - Low	STD
SP7_New-SOB	re of IMM provides scalability	The flexible architecture re of IMM provides scalability regarding: *Number of datasets *Data volume per dataset *Number of users working in parallel Datasets Data required for the operation of a Spectrum Power system is split into four logical, independ ent datasets: *Realtime dataset (RT)	No	Compliant 1 - Low	STD

SP7_New-	SOB	SP7_New	The IMM	The IMM			No		Compliant	1 - Low	STD
		-40271	security	security					- STĎ		
			service is	service is							
			overall	part of the overall							
			Spectrum	Spectrum							
			Power	Power							
			security	security							
			strategy	to protect							
				the							
				system							
				against							
				unauthori zed use.							
				A							
				multilevel							
				security							
				concept ensures							
				the							
				secure							
				operation							
				Of Coostrum							
				Spectrum Power							
				IMM.							
				The IMM							
				security concept							
				mainly							
				relies on							
				the							
				following: * User							
				authorizat							
SP7_New-	SOB	SP7_New	IMM ioh	iMM yob			No		Compliant	1 - L ow	STD
	002	-40270	auditing	auditing					- STD	2 20	
			keeps	keeps							
			track of the last	track of the last							
			user and	user and							
			the last	the last							
			time	time							
			graphical or dom	graphical or domain							
			or dom	instance							
				data							
				changes							
				were made in a							
				job.							
				The							
				previous value and							
				the value							
				changed							
				by a job							
				are reported.							
				For a							
				given							
				instance							
				of data within a							
				specified							
				time							
				frame, the lifecycle							
				of							
				modificati							
1				ons can							

SP7_New-	SOB	SP7_New -40264	The	The command			No		Compliant - STD	1 - Low	STD
			-line interfaces	-line interfaces							
			allow to interact	allow to interact							
			by typing	with IMM by typing							
			in command s in	in command s in a							
			5 111	command line tool							
				on the console.							
				The command							
				line tool can be							
				called from a shell or							
				from scripts.							
				The IMM command							
				line tools are supplied							
				together with IMM.							
				IMM Export							
				The IMM Export							
SP7_New-4	SOB	SP7_New	ASR	utility allows to ASR			No		Compliant	1 - Low	STD
			mapfiles are	mapfiles are					- STĎ		
			mapping instruction s that	mapping instruction s that							
			specify how the	specify how the							
			instance data in	instance data in							
			IMM	IMM is transform							
				ed into the structures							
				used by Spectrum							
				Power runtime							
				applicatio							
				mapping is used for							
				increment al and full							
				populatio n of both							
				RDBMS based and							
				SMMF based							
				ASRs. The							
				format of the ASR							

	COB	SP7_New	Craphical	Craphical			No		Compliant	1 104	CTD
SP7_New-	ЗОБ	40262	diagram				INU		Compliant - STD	I - LOW	STD
		-40262	diagram	diagram					- 510		
				data and							
			the	the							
			templates	templates							
			used by	used by							
			the	the							
				Spectrum							
			Power	Power							
			Graphics	Graphics							
				Graphics							
			Edi	Editor can							
				be							
				imported							
				and							
				exported							
				in XDF							
				and RDF							
				format.							
				These							
				formats							
				allow							
				keeping							
				the links							
				to							
				associate							
				d domain							
				data							
				instances,							
				thus it's							
				more than							
				just							
				importing							
				etetie							
				static							
				graphical							
				data.							
				Symbols in Global A CSV is							
CD7 Nove	COD	CD7 Nov	A CC) / :-	in Global			NI-		0	1 1	CTD
SP7_New-	SOB	SP7_New	A CSV IS	A CSV IS			No		Compliant	1 - LOW	STD
1 1											
1 1		-40261	a comma	a comma					- STĎ		
			a comma separated	a comma separated					- STD		
			a comma	a comma separated					- STD		
			a comma separated values	a comma separated values					- STD		
			a comma separated values file, which	a comma separated values file, which					- STD		
			a comma separated values file, which allows	a comma separated values file, which allows					- STD		
			a comma separated values file, which allows data to be	a comma separated values file, which allows data to be					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in					- STD		
			a comma separated values file, which allows data to be	a comma separated values file, which allows data to be stored in a table					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in a table structured					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in a table structured , plain text					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in a table structured , plain text					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in a table structured , plain text format.					- STD		
			a comma separated values file, which allows data to be stored in	a comma separated values file, which allows data to be stored in a table structured , plain text format. Each line					- STD		
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	-based text format for interchan ge of data. The data is en	W3C standards -based text format for interchan ge of data. The data is encoded as plain text, thus allowing it to be both human and machine- readable. An XML file is also called an XML document Instance Data Import and Export IMM provides interfaces for instance data		No	Complian - STD	1 - Low	STD
SP7_New_SOB	SP7_New A dataset is a set of data that belongs logically together. All datasets togethe	A dataset is a set of data that belongs logically together. All datasets together are building the IMM database called DOR. Default settings, the following datasets are installed: * Real- Time dataset (RT) Contains the engineeri ng data (including network diagrams) used in the Spectrum Power		No	Complian - STD	1-Low	STD

SP7_New-SOB SP7_New When 40253 and component system network property system ne
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Detween compone nts, DOM uses Terminals and Connectiv lity Nodes. For example, aimple electrical circuit containing a Breaker, a Load and a Line world objects of objects of a power system are represent ed in IMM as instances of data of data ype that describes a a type that describes a disparent personnel in the power system are represent ed in IMM as instances of data of data ype that describes a day per that day per t
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SP7_New-	SOB	SP7_New	Introducti	Introducti			No		Compliant	1 - Low	STD
		-40251	on A type	on A do area in					- STD		
			is a logical	A type is a logical							
			structure	structure							
			of the	of the							
				DOM that							
				defines							
				the data							
				organizati							
				on and							
				represent							
				ation of a certain							
				resource							
				(for							
				example,							
				a circuit-							
				breaker).							
				Each type							
				can have							
				its own internal							
				attributes							
				and							
				relationshi							
				ps with							
				other							
				types.							
				The full							
				set of types							
				constitute							
				s the							
				DOM. The							
				types							
CD7 ···											
ISP/ New-	SOB	SP7 New	The CIM	supplied The CIM			No		Compliant	1 - Low	STD
SP7_New-4	SOB	SP7_New -40250	The CIM is defined	supplied The CIM is defined			No		Compliant - STD	1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified	is defined in Unified			No		Compliant - STD	1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling	is defined in Unified Modeling			No			1 - Low	STD
ISP/_New-	SOB	-40250	is defined in Unified Modeling Language	is defined in Unified Modeling Language			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML).	is defined in Unified Modeling Language (UML).			No			1 - Low	STD
SP/ New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses	is defined in Unified Modeling Language (UML). UML uses			No			1 - Low	STD
SP/ New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-	is defined in Unified Modeling Language (UML). UML uses an object-			No			1 - Low	STD
SP/ New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object- oriented			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object- oriented approach			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object- oriented approach that describes			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a			No			1 - Low	STD
SP/_New-<	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection			No			1 - Low	STD
SP/_New-4	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of			No			1 - Low	STD
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SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object- orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes,			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associatio			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that despreas a collection of classes, class attributes, and associations.			No			1 - Low	STD
SP/_New-<	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a system, a			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that desproach that desproach collection of classes, ctlass attributes, and associations. Within a system, a class			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a system, a class represent			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a system, a class represent s a			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and association ns. Within a system, a class represent s a specific type of			No			1 - Low	STD
SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a system, a class represent s a specific type of object			No			1 - Low	STD
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SP/_New-	SOB	-40250	is defined in Unified Modeling Language (UML). UML uses an object-orient	is defined in Unified Modeling Language (UML). UML uses an object-oriented approach that describes a model as a collection of classes, class attributes, and associations. Within a system, a class represent s a specific type of object being modeled. Each class can have its			No			1 - Low	STD
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SP7_New-	SOB	SP7_New -40244	The IMM UI has	The IMM UI has			No		Compliant - STD	1 - Low	STD
		-40244	also a	also a					- 510		
				functionali							
			ty that	ty that							
				allows the operator							
			to	to							
			configure	configure							
			alarm	alarm							
				response text							
				options,							
				for a							
				selected alarm							
				message,							
				using an							
				Alarm-							
				Response Diagram.							
				This							
				diagram is							
				a single-							
				line diagram,							
				created							
				by the							
				data							
				engineer, that							
				contains							
				the							
				instruction s on how							
				to react to							
SP7_New-	SOP	SD7 Nov	INANA I II	the alarm.			No		Compliant	1 - 1 004	STD
SI /_INCW-	306	SP7_New -40243	has a	has a			140		- STD	T - FOM	010
			functionali	functionali							
			ty that	ty that							
			automatic	automatic ally saves							
			the	the							
			unsaved	unsaved							
			changes	changes							
			locally	locally into an							
				export							
				file, which							
				can be							
				recovered in case of							
				a							
				disconnec							
				t or a							
				system failure							
				happened							
				in the							
				IMM UI							
				context. This is to							
				prevent or							
				limit the							
				loss of							
				work when an							
			1	unexpect							
			1	ed .							
			1	situation							
			1	happens. The							
SP7_New-	COR	CD7 No.	The	exports The			No		Compliant	1 1 2000	CTD
or /_inew-	SOR	SP7_New -40242	The Analog	Analog			No		Compliant - STD	T - FOM	STD
		70272	Represen	Represen					0.0		
			tation	tation							
				Editor is used to							
				view the							
			defined	defined							
			analog	analog							
			represent	represent							
			ati	ation styles.							
				(image:							
				1-							
				img604fd 502e73d3							
				cc19da35							
				22a3d9b8							
				128 1 en							
				_US_PN G.png)							
				Figure #							
				Analog							
				Represen							
				tation Editor							
				Lunoi							

SP7_New-ISOB	which represe a p	s Style Editor is used to create reusable les text styles which a particular graphic property combinati on that can be assigned to graphic text objects. (image: 1- img4c4b3 db7e72b1 a4b9da35 22a5904c c96_1_en _US_PN G.png) Figure # Text Style Editor		No		Compliant - STD		STD
SP7 New-SOB	SP7_New -40240 Symbo Logic Editor i used to mainta symbol logics f evalual the sym	Logic S Editor is used to maintain symbol or logics for ing evaluating		No		Compliant	1 - Low	STD

SP7_New-	SOB	SP7_New	Symbol	Symbol			No			Compliant	1 - Low	STD
		-40239	groups	groups						- STĎ		
			are used	are used								
			to apply dynamic	to apply dynamic						ı		
			symbols	symbols						ı		
			to display	to display								
			objects. The	objects. The						ı		
			Symbol	Symbol						ı		
			G	Group						ı		
				Editor is						ı		
				used to maintain						ı		
				unique						ı		
				symbols								
				matching						ı		
				the rules configure						ı		
				d in the						ı		
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				G.png)								
SP7_New-	SOB	SP7_New	The Style	Figure # The Style			No			Compliant	1 - Low	STD
		-40238	Logic	Logic						- STD		
			Editor is used to	Editor is used to								
			maintain	maintain								
			style	style								
			logics for	logics for								
			evaluating the style	evaluating								
			uic Style	of the								
				presentati								
				on of								
				dynamic display								
				objects in								
				the								
				runtime								
				environm ent based								
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				Figure #								

SP7_New~SOB	SP7_New Style -40237 groups are used to apply dynamic styles to display objects. The Style Grou	Style groups are used to apply dynamic styles to display objects. The Style Group Editor is used to maintain unique styles matching the rules configure d in the diagram decision tables by the Decision Table Editor. (image: 1-img7d8fa 466e2f2fd 779da352 2a3052b3 81_l_en_US_PNG.png) Figure #		No		Compliant	1 - Low	STD
SP7 New-SOB	SP7_New The -40236 Shape Style Editor is used to create reusable shape styles which represent	Style The Style Editor is used to create reusable shape styles which represent a particular graphic property combinati on that can be assigned to graphic objects instead of assigning multiple properties one after the other. (image: 1- img9eb68 944e2e11 f3c9da35 22a33789 03a_1_en US_PN G.png) Figure #		No		Compliant - STD	1 - Low	STD

SP7_New-	SOB	SP7_New	The	The			No		Compliant	1 - Low	STD
		-40235	Decision Table editor is used to maintain diagram decision tables for evalua	Decision Table editor is used to maintain diagram decision tables for evaluating the presentati on of dynamic display objects in the runtime environm ent based on their status, quality and other informatio n. (image: 1- imgf7d7c ed8e26b3 3ac9da35 22a5c1df 815_1_en US_PN G.png) Figure #					- STĎ		
SP7_New-	SOB	SP7_New -40234	The Color Editor is	Decision The Color Editor is			No		Compliant - STD	1 - Low	STD
CD7 Nave			used to view, modify, and define color values for color inst	used to view, modify, and define color values for color instances. (image: 1- img38502 002e24bb 8b29da35 22a0562e d85_1_en_US_PN G.png) Figure # Color Editor							
SP7 New-	i≎OR	SP7_New -40233	Symbol Editor is used to edit symbols used on	The Symbol Editor is used to edit symbols used on diagrams. (image: 1-imgc66ec cadd3f4a 65b9da35 22a390d7 737_1_en_US_PN G.png) Figure # Symbol Editor Symbols are combinations of graphic primitives. Symbols play an important role for graphical represent ation of a domain data instance such as a			No		Compliant	1 - LOW	STD

### ### ### ### ### ### ### ### ### ##	SP7_New-	SOB	SP7 New	The Multi-	The Multi-			No		Compliant	1 - Low	STD
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allows for allows for loser los loser los loser los loser los												
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duery filters on a contial. a con												
filters on a combination of data instances, antibutes on association ins. The retrieved objects attributes can then be edited by the combination of the combination o												
combination of data instances, and instances, and association in the retrieved pand association in the retrieved grant and attributes can then be collect and attributes can then be collect and attributes can then be collect and attributes can be defined, saved and additional and attributes can be defined, saved and and attributes can be defined, saved and additional additional and additional additional additional additional and additional additio				filters on	filters on							
on of data instances, authories association ins. The retrieved objects attributes can then be edited similarly possible in the limited and loaded for reuse. SP7_New:SOB SP7_New The Hongline and Carbon and Car				a combi	a							
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and association ins. The water of the control of th					instances,							
association in S. The retrieved objects aftributes can then be edited similarly to mostible in the limit be lim												
refrieved objects and arbutes the strain of the possible in the bedieffed similarly to what is possible in the limited of the t					associatio							
objects and attributes and attributes and attributes and attributes and attributes are delited as edited as edited in the limit of the					ns. The							
and attributes can then be edited to what is possible in the IMM UI. Queries can be dead of required and loaded for recuse. (image: (image: can be dead of recuse. (image: can be dead of					obiects							
see deted similarly to what is possible					and							
be edited similarly to what is possible in the IMM Us can be defined, saved and loaded for reuse. SP7_New-SOB SP7_New The 4-0231 Model and Graphics Editor is used to: View and view a					attributes							
to what is possible in the IMM UI. Queries can be c					be edited							
possible in the IMM UI. Queries can be defined, saved to defined to landed for reuse. (image: SP7. New-SOB SP7. New The 40231 Model and with the Model seators in the Model seators in the Model seators in the Model will be seators in the Model seators in the Model will be seators in the Model seators in the Model will be seators in the Model seators in the Model will be seators in the Model					similarly							
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Model and and Graphics Graphics Editor is used to: * used to: View and "View modify and modify instance properties instance properties instance instance instance * View, create, or modify network displays (image: 1- imgb53fe 8e7745fa be749da35 22a362d8 34f 2_en US_PN G_png) Figure # Model and Graphics Editor The screen is	CD7 Now	COR	CD7 Now	The				No		Compliant	1 Low	CTD
Graphics Editor is used to: * used to: * view and modify instance properties including links * * Create a new instance * view, create, or modify network displays (image: 1- imgb53fe 8e774f5a b77496a35 22a362d8 34f 2 en U.S.PN G.png) Figure # Model and Graphics Editor The screen is	SP/_INEW-	SOB	-40231	Model	Model			NO		- STD	I - LOW	מופ
Editor is used to: * used to: View and * View and modify and modify and modify and modify instance properties instance properties including links * Create a new instance * View, create, or modify network displays (image: 1- impb32fe 8e774f5a b b749da35 22a362d8 34f 2_en _ US_PN G,png) Figure # Model and Graphics Editor The screen is				and	and							
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<u> </u>	ЗОВ	-40230	Editor is	Editor is			110		- STD	I - LOW	510
			used for	used for							
			the	the							
				following:							
			* Create	* Create							
			* View	new types * View							
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				types							
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				22a3791b 295_1_en							
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				Figure #							
				Туре							
				Editor							
				There is a read-only							
				mode							
				available							
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				Inspector.							
				The type							
				inspector is used to							
				view the							
				existing							
				types.							
SP7_New-	SOB	SP7_New	The Job	fimage: 2-			No		Compliant	1 - Low	STD
	002	-40229	managem	managem					- STD		
			ent UI is	ent UI is							
			used for	used for							
			the	the							
			following: * Create	following: * Create							
			and open	and onen							
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				Figure #							
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				The Job managem							
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				n about							
				each job that is not							

SP7_New-	SOB	SP7_New -40228	Once the	Once the			No		Compliant	1 - Low	STD
		-40228	IMM 	IMM.					- STD		
			applicatio	applicatio n starts, it							
			n starts, it	n starts, it							
			main	opens the main							
			screen.	screen.							
				The main							
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			repre	represent							
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				applicatio							
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SP7_New-	SOB	SP7_New	National	different National			No		Compliant	1 - Low	STD
SP7_New-	SOB	SP7_New -40227	Language	different National Language			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40227	Language	different National Language			No			1 - Low	STD
SP7_New-	SOB	SP7_New -40227	Language Support (NLS) is	different National Language Support (NLS) is			No			1 - Low	STD
SP7_New-	SOB	SP7_New -40227	Language Support (NLS) is provided.	different National Language Support (NLS) is provided.			No			1 - Low	STD
SP7_New-4	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used	different National Language Support (NLS) is provided. It is used			No			1 - Low	STD
SP7_New-4	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to	different National Language Support (NLS) is provided. It is used to customize			No			1 - Low	STD
SP7_New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize	different National Language Support (NLS) is provided. It is used to customize Spectrum Power			No			1 - Low	STD
SP7_New	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with			No			1 - Low	STD
SP7_New-4	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language			No			1 - Low	STD
SP7 New-4	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different Mational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	different National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time.			No			1 - Low	STD
SP7 New-	SOB	SP7 New -40227	Language Support (NLS) is provided. It is used to customize Spectrum	Hifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configuration time. The character strings are			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translation			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translatio n software			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent National Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configuration time. The character strings are translated using a standard in ranslated using a standard in software package			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Madonal Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translation n software package and the			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translatio n software package and the			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translation n software package and the transfer to the system is			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translatio n software package and the transfer to the system is a system is			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translation n software package and the transfer to the system is			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translatio n software package and the transfer to the system is a system is			No			1 - Low	STD
SP7 New-	SOB	SP7_New -40227	Language Support (MLS) is provided. It is used to customize Spectrum Po	ifferent Wational Language Support (NLS) is provided. It is used to customize Spectrum Power IMM with the desired language during configurat ion time. The character strings are translated using a standard translatio n software package and the transfer to the system is a system is			No			1 - Low	STD

SP7_New-	SOB	SP7_New	Tho	The			No		Compliant	1 - L OW	STD
SI 7_IVEV	306		online	online			INO		- STD	1 - LOW	
			document	document					- 310		
			ation	ation							
			consists								
				consists							
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			released	released							
			Spectrum								
			Power	Power							
			IMM	IMM							
				manuals							
			that ha	that have							
				been							
				converted							
				into							
				Portable							
				Document	:						
				Format							
				(PDF)							
				files. IMM							
				has an							
				integrated							
				online							
				help that							
				provides							
				an							
				extensive							
				guide to the							
				Informatio							
				n Model							
				Managem							
				ent based							
				on the							
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CD7 Now	COR	CD7 Now	Tho	IMM			NIO		Compliant	1 1 000	CTD
SP7_New-	SOB	SP7_New	The	IMM The			No		Compliant	1 - Low	STD
SP7_New-4	SOB	-40225	search	IMM The search			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40225	search function	IMM The search function			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40225	search function allows	IMM The search function allows			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40225	search function allows looking up	The The search function allows looking up			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40225	search function allows looking up instances	The search function allows looking up instances			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the	IMM The search function allows looking up instances by the			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance	IMM The search function allows looking up instances by the instance			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows llooking up instances by the instance name or parts of			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40225	search function allows looking up instances by the instance name or	IMM The search function allows looking up instances by the instance name or parts of the			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	IMM The search function allows looking up instances by the instance name or parts of the instance			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	IMM The Search function allows looking up instances by the instance name or parts of the instance name.			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40225	search function allows looking up instances by the instance name or	IMM The Search function allows looking up instances by the instance name or parts of the instance name.			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	The search function allows looking up instances by the instance or parts of the instance instance carries of the instance name. Entering			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	The search function allows looking up instances by the instance name or parts of the instance name. Entering the name			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40225	search function allows looking up instances by the instance name or	IMM The search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance instance			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance name name name of a parent instance narrows			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance nament instance name the instance name the search the search the search functions allowed the search functions all search functions allowed the search functions allowed			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name of a parent instance narrows the search			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range down to			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name of a parent instance name. Entering the name of a parent instance narrows the search range down to the			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range down to the descenda			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range down to the descenda nts of the			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range down to the descenda nts of the selected			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance narrows the search range down to the descenda nts of the selected instance.			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	mm search function allows looking up instances by the instance name or parts of the instance name of a parent instance name charms are the instance name do fa parent instance narrows the search range down to the descenda			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance name. Entering the search range down to the descenda nts of the selected instance. Placehold er			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance. Entering the name. Entering the name of a parent instance narrows the search range down to the descenda nts of the selected instance. Placehold er character			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance. Entering the name of a parent instance name the search range down to the descenda nts of the selected instance. Placehold er character s can be			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance name. Entering the search range down to the descenda nts of the selected instance. Placehold er character s can be used to			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance. Entering the name of a parent instance name. Entering the name of a parent instance narrows the search range down to the descenda nts of the selected instance. Placehold er character s can be used to extend			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance name. Entering the name of a parent instance name. Entering the search range down to the descenda nts of the selected instance. Placehold er character s can be used to			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	search function allows looking up instances by the instance name or parts of the instance. Entering the name of a parent instance name character scan be used to extend the			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40225	search function allows looking up instances by the instance name or	Search function allows looking up instances by the instance name or parts of the instance. Entering the name of a parent instance name. Entering the name of a parent instance narrows the search range down to the descenda nts of the selected instance. Placehold er character s can be used to extend			No		Compliant - STD	1 - Low	STD

CD7 N		I		L I							
SP7 New-		-40224	UI can be installed on any UI console. IMM UI runs on Windows or Linux	The IMM UI can be installed on any UI console. IMM UI runs on Windows or Linux. The client is updated as needed automatic ally upon login. Within the user interface of IMM, multiple editors that are optimized for the various data engineeri ng workflows allow data access and definition covering			No		Compliant - STD		STD
		SP7_New -40202	Command Line Tool The IMM admin tool is used to manage the Spectrum Po	Admin Comman d Line Tool The IMM admin tool is used to manage the Spectrum Power IMM datasets. Managing Datasets The IMM admin tool provides authorize d users the following functionali ty: * Creating a new dataset (planning dataset). * Clearing all instance data of a					- STD		
SP7_New	SOB	SP7_New -40201	reserved for a particular user	dataset. A single job is reserved for a particular user during its creation. The current job owner and an authorize d user can reassign a job to a different user.			No		Compliant - STD	1 - Low	STD

SP7_New-	SOB	SP7_New	Console	Console			No		Compliant	1 - I ow	STD
	002	-40200	access	access			"		- STD	2 20	0.5
			rights	rights							
			allow for	allow for							
			location-	location-							
			based	based							
			access	access							
			control	control							
			based on the IMM	based on the IMM							
			U	UI server							
			O	(console)							
				where the							
				user							
				currently							
				is							
				working.							
				The							
				authoritie s are							
				always							
				calculated							
				as							
				intersectio							
				n							
				(common							
				subset) of							
				access							
				rights for console							
				and user.							
				Thus,							
				granted							
				IMM user							
				access							
				rights can							
SP7_New-	SOB	SP7_New	Access	be Access			No		Compliant	1 - Low	STD
		-40199	rights can	rights can					- STD		
			nights can								
			be	be					310		
			be assigned	be assigned					310		
			be assigned for each	be assigned for each					- 315		
			be assigned for each instance	be assigned for each instance					-315		
			be assigned for each instance individuall	be assigned for each instance individuall					- 315		
			be assigned for each instance individuall y. They	be assigned for each instance individuall y. They					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe					315		
			be assigned for each instance individuall y. They	be assigned for each instance individuall y. They describe what a					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view,							
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify,					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and assign					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individually. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and assign new access rights for					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this instance).					315		
			be assigned for each instance individuall y. They describe	be assigned for each instance individually. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and assign new access rights for this instance). Instance.					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this instance). Instance level					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and assign new access rights for this instance). Instance level access					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individually. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify, and assign new access rights for this instance). Instance level level access rights,					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this instance). Instance level access rights, define on					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, modify and assign new access rights for this instance). Instance level access rights, define on what					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify and assign new access rights for this instance). Instance level access rights for this parts of what the power the pow					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify, and assign new access rights for this instance). Instance level access rights, define on what parts of the power network					515		
			be assigned for each instance individuall y. They describe	be assigned for each instance individuall y. They describe what a user is allowed to do with the respective instance in IMM (view, modify and assign new access rights for this instance). Instance level access rights for this parts of what the power the pow					515		

SP7_New-	SOB	SP7_New	Data	Data			No		Compliant	1 - Low	STD
		-40198	entry and activation	entry and activation					- STD		
			in IMM is	in IMM is							
			by access	controlled by access							
			rights.	rights.							
			IMM provides	IMM provides							
			gr	granular							
				access rights							
				dependen t on the							
				dataset							
				and the requested							
				action.							
				The following							
				individual access							
				rights are							
				supported							
				* Instance							
				data engineeri							
				ng							
				* Type data							
				engineeri ng							
				* Data							
				activation *							
SP7_New-	SOB	SP7_New -40193	An	Engineeri An			No		Compliant	1 - Low	STD
		-40193	Operator Training	Operator Training					- STĎ		
			Simulator	Simulator							
			(OTS) enables	(OTS) enables							
			operators	operators							
			to practice	to practice							
			runtime syste	runtime system							
			Syste	operation							
				s under simulated							
				conditions							
				. The main							
				system and the							
				offline							
				OTS are independ							
				ent from							
				each other.							
				(image:							
				img570ef							
				35971345 bbb9da35							
				23925336							
				202_1_en _US_TIFF							
				.jpg) Figure #							
				OTS							
				System							

SP7_New-	SOB	SP7_New	A OAS	A QAS			No			Compliant	1 - Low	STD
5. 7	ЗОВ	-40192	allows	allows			110			- STD	I - LOW	310
			testing	testing								
			data	data								
			changes	changes								
			without	without								
			any	any								
			implicatio n to the	implicatio n to the								
			n syst	n system.								
			n Systin	The								
				productio								
				n system								
				and QAS								
				are								
				independ								
				ent from each								
				other. The								
				QAS								
				takes the								
				role of the								
				Data								
				Model								
				Master.								
				Modified								
				and								
				successfu lly tested								
				IMM data								
				is								
				transferre								
				d from								
				QAS to								
				the								
SP7_New-	SOB	SP7_New	The	productio The			No			Compliant	1 - Low	STD
	002	-40191	collection	collection						- STD		0.5
			of control	of control								
			centers	centers								
			cooperati	cooperati								
			vely	vely								
			managing	managing								
			a power	a power								
			system are	system are								
			aie					1				
			know	known ac								
			know	known as								
			know	a multisite								
			know	a multisite system. Multisite								
			know	a multisite system. Multisite systems								
			know	a multisite system. Multisite systems are								
			know	a multisite system. Multisite systems are usually								
			know	a multisite system. Multisite systems are usually organized								
			know	a multisite system. Multisite systems are usually organized in a								
			know	a multisite system. Multisite systems are usually organized in a main/back								
			know	a multisite system. Multisite systems are usually organized in a main/back up or								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a								
			know	a multisite system. Multisite systems are usually organized in a main/regi onal configurat ion. All Spectrum Power systems in a multisite								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a multisite network								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a multisite neutork have the								
			know	a multisite system. Multisite systems are usually organized in a main/regi onal configurat ion. All Spectrum Power systems in a multisite network have the complete								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a multisite network have the complete data								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a multisite network have the complete data model								
			know	a multisite system. Multisite systems are usually organized in a main/back up or main/regi onal configurat ion. All Spectrum Power systems in a multisite network have the complete data								

CD7 Nove	000	007.11		13.43.4					0 11 1	4 1	OTD
SP7_New-	SOB	SP7_New -40187	provides	IMM provides			No		Compliant - STD	1 - LOW	STD
		-40107	logs	logs					- 310		
			within the	within the							
			log	log							
			section of	section of							
			the IMM	the IMM							
			user	user							
			interface.	interface.							
			The log	The log							
			sect	section							
				can be opened in							
				a							
				separate							
				window.							
				Selected							
				logs can							
				be							
				exported							
				to a							
				Comma- separated							
				Values							
				(*.CSV)							
				file.							
				The							
				following							
				are the							
				various							
				log types							
				available,							
				dependin							
				g on the selected							
				dataset,							
CD7 N											
SP7_New-	SOB	SP7_New	Data	Data T			No		Compliant	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting	Data Reporting			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	SP7_New -40186	Reporting Reporting	Data Reporting Reporting			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	SP7_New -40186	Reporting Reporting features	Data Reporting Reporting features			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	SP7_New -40186	Reporting Reporting features provided	Reporting Reporting Reporting features provided			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	SP7_New -40186	Reporting Reporting features	Reporting Reporting Reporting features provided by IMM			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM	Reporting Reporting Reporting features provided			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to	Reporting Reporting features provided by IMM allow the user to create/vie w			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie W summary			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change			No		Compliant - STD	1-Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change report displays			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a			No		Compliant - STD	1-Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie W summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Report W Summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy			No		Compliant - STD	1-Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Report W Summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy below			No		Compliant - STD	1-Low	STD
SP7_New-	SOB	SP7_New -40186	Reporting Reporting features provided by IMM allow the user to create/vie	Reporting Reporting Reporting Reporting Reporting features provided by IMM allow the user to create/vie w summary or detail reports of type and instance data. Instance Change Report The instance change report displays changes within a selected network equipmen t hierarchy and within any hierarchy			No		Compliant - STD	1 - Low	STD

SP7_New-	SOB	SP7_New	Data	Data			No		Compliant	1 - Low	STD
	OOD	-40185	version	version					- STD	1 LOW	0.0
				managem							
			ent and	ent and							
			automatic	automatic							
			static data	static data	-						
			model archiving	model							
			facilities	archiving facilities							
			pro	provide a							
			pro	history of							
				model							
				changes							
				and							
				allows the							
				user to							
				track data							
				changes over time.							
				Jobs in							
				the IMM							
				model							
				archive							
				provide a							
				past view							
				of the							
				static data							
				model based on							
				the							
				activation							
				time. If							
				archiving							
				is							
				enabled,							
				data is							
1 1											
SP7 New-	SOB	SP7 New	All power	stored in			No		Compliant	1 - Low	STD
SP7_New-	SOB	SP7_New -40184	All power grid	stored in			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	SP7_New -40184	grid domain	stored in All power grid domain			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40184	grid domain data and	All power grid domain data and			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40184	grid domain data and diagram	stored in All power grid domain data and diagram			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40184	grid domain data and diagram data	stored in All power grid domain data and diagram data			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40184	grid domain data and diagram data changes	stored in All power grid domain data and diagram data changes			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40184	grid domain data and diagram data changes are done	stored in All power grid domain data and diagram data changes are done			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40184	grid domain data and diagram data changes are done in a job.	stored in All power grid domain data and diagram data changes are done in a job.			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	stored in All power grid domain data and diagram data changes are done in a job. Activation			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	stored in All power grid domain data and diagram data changes are done in a job. Activation propagate			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	stored in All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes			No		Compliant - STD	1 - Low	STD
SP7 New-s	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job.	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment all changes are applied to			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagates data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	Atl power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applicatio			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment all changes are applied to all applications of the			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all application ns of the Spectrum			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	Atl power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applications of the Spectrum Power proper than the changes are applied to all applications of the Spectrum Power			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applications of the Spectrum Power runtime Power runtime properties of the spectrum Power runtime prower runtime power runtime grid domain and prower grid domain and			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	Atl power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applications of the Spectrum Power runtime system, including			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	All power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applications of the Spectrum Power runtime system, including including including including including individual and including individual domain and including individual domain and including individual domain and including individual domain and including individual dispersion and including individual domain and including individual dispersion and including inclu			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40184	grid domain data and diagram data changes are done in a job. Activatio	Atl power grid domain data and diagram data changes are done in a job. Activation propagate s data changes into the Spectrum Power runtime system. The activation ensures that the increment al changes are applied to all applications of the Spectrum Power runtime system, including			No		Compliant - STD	1 - Low	STD

SP7_New-	SOB	SP7_New		Validation			No		Compliant	1 - Low	STD
		-40183		ensures					- STD		
			that the	that the							
				entire							
			data	data							
			model	model							
			remains	remains							
			consistent	consistent							
			. In	. In							
				addition, it							
			i	ensures that all							
				necessary							
				data is							
				entered							
				(complete							
				ness							
				check).							
				Validation							
				takes							
				place in a							
				maintena							
				nce							
				environm							
				ent, for							
				example,							
				a job,							
				before the changes							
				are							
				activated							
				into the							
				Spectrum							
				Power							
				runtime							
							1		1		
1 1				system.							
SD7 New-	SOB	CD7 Now	In nower	system.			No		Compliant	1 Low	CTD
SP7_New-	SOB	SP7_New -40182	In power	Validation In power			No		Compliant	1 - Low	STD
SP7_New-	SOB	-40182	companie	Validation In power companie			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40182	companie s, several	Validation In power companie s, several			No			1 - Low	STD
SP7_New-	SOB	-40182	companie s, several systems	Validation In power companie s, several systems			No			1 - Low	STD
SP7_New-4	SOB	-40182	companie s, several systems exist	Validation In power companie s, several systems exist			No			1 - Low	STD
SP7_New-	SOB	-40182	companie s, several systems exist	Validation In power companie s, several systems exist based on			No			1 - Low	STD
SP7_New-	SOB	-40182	companie s, several systems exist based on (to	Validation In power companie s, several systems exist based on (to			No			1 - Low	STD
SP7 New-	SOB	-40182	companie s, several systems exist based on (to varying	Validation In power companie s, several systems exist based on			No			1 - Low	STD
SP7 New	SOB	-40182	companie s, several systems exist based on (to varying extents)	Validation In power companie s, several systems exist based on (to varying extents) common			No			1 - Low	STD
SP7 New-4	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation In power companie s, several systems exist based on (to varying extents) common power			No			1 - Low	STD
SP7_New-<	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw			No			1 - Low	STD
SP7_New-<	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data			No			1 - Low	STD
SP7_New-4	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the			No			1 - Low	STD
SP7_New-	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility.			No			1 - Low	STD
SP7_New-c	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally,			No			1 - Low	STD
SP7 New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each			No			1 - Low	STD
SP7_New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- in power companie s, several systems exist based on (to varying extents) compower grid/netw ork data of the utility. Generally, each system			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation in power companie s, several systems exist based on (to varying extents) common power grid/netw utility. Generally, each system has a			No			1 - Low	STD
SP7_New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- in power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database			No			1 - Low	STD
SP7 New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw data of the utility. Generally, each system has a database and its own data			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model			No			1 - Low	STD
SP7 New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- in power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools			No			1 - Low	STD
SP7 New-	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nace tools optimized			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s., several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the specific			No			1 - Low	STD
SP7 New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the specific scone of			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the specific scope of the data.			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the syecific scope of the data, the			No			1 - Low	STD
SP7 New-«	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility, each system has a database and its own data model maintena nce tools optimized to the system has a database and its own data Thus, the complete			No			1 - Low	STD
SP7 New-	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena nce tools optimized to the specific scope of the data. Thus, the cmodel			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena thus, the complete model maintena			No			1 - Low	STD
SP7_New-e	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility, each system has a database and its own data model maintena nce tools optimized to the system to the system th			No			1 - Low	STD
SP7_New-	SOB	-40182	companie s, several systems exist based on (to varying extents) common p	Validation- In power companie s, several systems exist based on (to varying extents) common power grid/netw ork data of the utility. Generally, each system has a database and its own data model maintena thus, the complete model maintena			No			1 - Low	STD

SP7_New-	SOB	SP7_New	Import	Import			No		Compliant	1 - Low	STD
		-40181	and	and					- STD		
			Export of	Export of Engineeri							
			na Data in	ng Data in							
			XDF or	XDF or							
			CIM-RDF								
			IMM	IMM							
				provides							
			an	an							
			interfac	interface							
				to export and							
				import							
				engineeri							
				ng data in							
				XDF and							
				CIM-RDF.							
				Both are XML							
				formats							
				based on							
				W3C							
				standard.							
				The XML							
				is a							
				versatile language							
				for the							
				definition							
				of tags to							
				identify							
				document							
				contents. XML							
				allows							
CD7 Nev	COD	CD7 NI	13.43.4	third-party			NI-		0	1 1	CTD
SP7_New-	SOB	SP7_New	IMM Triggers	third-party			No		Compliant	1 - Low	STD
SP7_New-4	SOB	-40178	Triggers	third-party Triggers			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a	third-party Triggers execute a			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40178	Triggers execute a set of	third-party Triggers			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40178	Triggers execute a set of business logic	third-party Triggers execute a set of business logic			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40178	Triggers execute a set of business logic required	third-party Triggers execute a set of business logic required			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40178	Triggers execute a set of business logic required by	third-party Triggers execute a set of business logic required by			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre	third-party IMM Party Triggers execute a set of business logic required by downstre			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am	third-party IMM Triggers execute a set of business logic required by downstre am			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40178	Triggers execute a set of business logic required by downstre am	rhird-party Triggers execute a set of business logic required by downstre am applicatio ns as it			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am applications as it applies to			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am applications as it applies to the data.			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am applications as it applies to the data. The IMM			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am application ns as it applies to the data. The IMM Trigger			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am applications as it applies to the data. The IMM Trigger functionali			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	Triggers execute a set of business logic required by downstre am application ns as it applies to the data. The IMM Trigger			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	hijd-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user-			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies the data. The IMM Trigger functionali ty provides a user- friendly			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry data entry			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	ringers execute a set of business logic required by downstre am application sa as it applies to the data. The IMM Trigger functionality provides a user-friendly data entry support.			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	hind-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry support. Trigger			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applicatio	ringers execute a set of business logic required by downstre am application sa as it applies to the data. The IMM Trigger functionality provides a user-friendly data entry support.			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	hind-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry support. Trigger functions are able to perform			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali by provides a user- friendly data entry support. Trigger functions are able to perform actions			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	hind-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry support. Trigger functions are able to perform actions not only			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	ringerparty Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry suport. Trigger functions are able to perform actions not only based on			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry support. Trigger functions are able to perform actions not only based on based on an insert,			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	ringerparty Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendly data entry suport. Trigger functions are able to perform actions not only based on			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendry functions are able to perform actions not only based on an insert, update, and or delete of			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	Triggers execute a set of business logic required by downstre am applications as it applies to the data. The IMM Trigger functionali ty provides a user-friendly data entry support. Trigger functions are able to perform actions not only based on an insert, update, and or delete of instances,			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40178	Triggers execute a set of business logic required by downstre am applications	third-party Triggers execute a set of business logic required by downstre am applicatio ns as it applies to the data. The IMM Trigger functionali ty provides a user- friendry functions are able to perform actions not only based on an insert, update, and or delete of			No		Compliant - STD	1 - Low	STD

SP7_New-	SOB	SP7 New	Overview	Overview			No		Compliant	1 - Low	STD
		-40177	Display	Display					- STD		
				constructi							
			on of network	on of network							
				diagrams							
			is	is							
			completel	completel							
			у	у							
			integrated in th	integrated in the							
			III UI	IMM. The							
				Graphics							
				Editor							
				provides means to							
				view,							
				create							
				and							
				modify							
				graphic diagrams							
				and also							
				symbolog							
				y. The							
				graphical editing							
				creates							
				the link							
				between							
				the instances							
				of the							
				graphic							
				data to							
				instances							
SP7_New-	SOB	SP7_New	Overview	Overview			No		Compliant	1 - Low	STD
		-40176	ng	Engineeri ng					- STĎ		
			activities	activities							
			to change	to change							
				data _.							
			require working	require working							
				with large							
			amount	amounts							
				of							
				informatio n with							
				multiple							
				attributes							
				and							
				properties . IMM is							
				the user							
				interface							
				for domain							
				data							
				maintena							
				nce within							
				a job. Domain							
				data							
				editors							
				provide							
				means for the							
				following:							
				J							
				* Instance							
				data							

	SOB	SP7_New	In	In			No		Compliant	1 - Low	STD
5	1000	-40175		independ			10		- STD	T - FOAA	515
		40110	ent job	ent job					010		
			mode,	mode,							
			you can	you can							
			view or	view or							
			edit the	edit the							
				model as							
				it is at the							
				current							
				time when							
				you are in							
				a job. You							
				see the							
				model as							
				it currently							
				is (the							
				productio							
				n model							
				used in							
				the							
				Spectrum							
				Power							
				runtime							
				system)							
				plus your							
				job							
				changes.							
				You do							
				not see							
				changes							
				from other jobs							
				unless the jobs are							
				activated.							
SP7_New-	SOB	SP7_New	Domain	The Domain			No		Compliant	1 - Low	STD
		-40174	data,	data,					- STĎ		
			graphical	graphical							
			graphical network	graphical network							
			graphical network diagram	graphical network diagram							
			graphical network diagram data	graphical network diagram data							
			graphical network diagram data entry, and	graphical network diagram data entry, and							
			graphical network diagram data entry, and engineeri	graphical network diagram data entry, and engineeri							
			graphical network diagram data entry, and engineeri ng	graphical network diagram data entry, and engineeri							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities							
			graphical network diagram data entry, and engineeri ng	graphical network diagram data entry, and engineeri ng activities are under							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem managem							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem ent is the							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent is the method by which changes of the							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent is the method by which changes of the Spectrum							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineeri							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineeri ng database are							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database are grouped							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database are grouped and							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineeri ng activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineeri ng database are grouped and managed.							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry and engineering activities are under the control of the IMM job management. Job management is the method by which changes of the Spectrum Power engineering database are grouped and managed. A job							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database are grouped and managed. A job allows							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database are grouped and managed. A job allows multiple							
			graphical network diagram data entry, and engineeri ng activities	graphical network diagram data entry, and engineering activities are under the control of the IMM job managem ent. Job managem ent is the method by which changes of the Spectrum Power engineering database are grouped and managed. A job allows							

SP7_New-	SOR	SP7_New	A typical	A typical			No		Compliant	1 - Low	STD
5. 7	JOB	-40171	data	data			I VO		- STD	I - LOW	310
				engineeri							
			ng	ng							
			console	console							
			consists	consists							
				of multiple							
			monitors.	monitors.							
			During an	During an							
			IMM	IMM engineeri							
				ng							
				session,							
				the							
				console is							
				connecte							
				d to the							
				IMM							
				server							
				running							
				on Administr							
				ator							
				Server							
				(ADM).							
				Multiple							
				engineeri							
				ng							
				consoles							
				can be							
				connecte							
				d to the IMM							
				server.							
				The IMM							
				UI client							
				OI CHEIL							
CD7 Now	COR	CD7 Now	IMM boo				No		Compliant	1 1000	CTD
SP7_New-4	SOB	SP7_New	IMM has	program IMM has			No		Compliant	1 - Low	STD
SP7_New-	SOB	-40170	a number	nrogram IMM nas a number			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40170	a number of	nrogram IMM has a number of			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40170	a number of engineeri	nrogram IMM has a number of engineeri			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40170	a number of engineeri ng	nrogram IMM has a number of engineeri ng			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40170	a number of engineeri ng applicatio ns	IMM has a number of engineeri ng applicatio ns			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40170	a number of engineeri ng applicatio ns suitable	IMM has a number of engineeri ng applicatio ns suitable			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40170	a number of engineeri ng applicatio ns suitable for the	Information in the control of the co			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	IMM has a number of engineeri ng applicatio ns suitable for the different			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nogram IMM has a number of engineeri ng applicatio ns suitable for the different engineeri			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nomen and a number of engineeri ng applications suitable for the different engineeri ng tasks.			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nomen and a number of engineeri ng applications suitable for the different engineeri ng tasks. (image:			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nougram a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1-			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nmm has a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1- img65d59			No		Compliant - STD	1 - Low	STD
SP7 New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	nogram MM fias a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1- img65d59 25470b68 7369da35			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Information and the manner of engineering applications suitable for the different engineering tasks. (image: 1-img65d59 2547068 7369da35 239317fa3			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1- img65d59 2393f7fa3 ae 1 en			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	RMM nass a number of engineeri ng applications suitable for the different engineeri ng tasks. (image: 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	RMM nas a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1- img65d59 2547068 73696d35 2393f7fa3 ae_1_en_ US_TIFF.j pg)			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	INOMY am RAMPARA a number of engineeri ng applicatio ns suitable for the engineeri ng tasks. (image: 1- img65d59 2393f7fa3 ae 1_en_ US_TIFF.j pg) Figure #			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	RMM nass a number of engineeri ng applications suitable for the different engineeri ng tasks. (image: 1-6 tasks. 2393f7fa3 ae 1-er.j pg) Figure # General			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Individual			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applicatio ns suitable for the engineeri ng tasks. (image: 1- img65ds9 25470b68 7369da35 2393f7fa3 ae 1_en_ US_TIFF.j pg) Figure # General Applicatio n			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Information and the control of the c			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applicatio ns suitable for the engineeri ng tasks. (image: 1-img65ds) 2393f7fa3 ae 1_en_US_TIFF.j pg) Figure # General Applicatio n Structure of the IMM User			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Information and the control of the c			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingram In			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applications suitable for the engineeri ng tasks. (image: 1-img65ds) 2393f7fa3 ae 1_en_US_TIFF.jpg) Figure # General Application n Structure of the IMM User Interface The amount of			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama Roman			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingramas a number of engineeri ng applications suitable for the different engineeri ng tasks. (image: 1-img65d59 2547068a ae 1-en_US_TIFF.j pg) Figure # General Application Structure of the IMM User Interface The amount of provided applicatio of a number of the amount of provided applicatio and the suitable interface the amount of provided application and the suitable interface the amount of provided applicational provided application of suitable interface the suitable interfac			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1-img65d59 2393f7fa3 ae 1_en_ US_TIFF.j pg) Figure # General Applicatio n Structure of the IMM User Interface The amount of provided applications is			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrams a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1-img65058 7369da35 2393f7fa3 ae_1_en_US_TIFF.j pg) Figure # General Applicatio n Structure of the IMM User Interface The amount of provided applicatio ns dependen			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40170	a number of engineeri ng applicatio ns suitable for the different	Ingrama a number of engineeri ng applicatio ns suitable for the different engineeri ng tasks. (image: 1-img65d59 2393f7fa3 ae 1_en_ US_TIFF.j pg) Figure # General Applicatio n Structure of the IMM User Interface The amount of provided applications is			No		Compliant - STD	1 - Low	STD

			ı								
SP7_New-	SOB	SP7_New -40169	The	The			No		Compliant - STD	1 - Low	STD
		-40169	Spectrum	Spectrum					- STD		
			Power	Spectrum Power							
			IMM	IMM							
				functions							
			are a set	are a set							
			of tools	of tools							
			that allow	that allow							
			power	power							
			system	system							
			info	informatio							
				n data to							
				be							
				defined,							
				accessed,							
				and							
				exchange							
				d. These							
				tools also							
				control							
				the							
				transfer of							
				data							
				between							
				the							
				engineeri							
				ng							
				database							
				and the							
				Spectrum							
				Power							
				runtime							
				database							
				S.							
				The							
				propagati							
SP7_New-	SOR	SP7_New	Spectrum	on of data Spectrum			No		Compliant	1 - L OW	STD
SI 7_IVCW I	306	-40168	Power	Power			INO		- STD	I - LOW	310
		-40100		IMM					- 310		
				controls							
			the data	the data							
			to be	to be							
			to be	to be							
				defined							
			and	and							
				transferre							
			d	d							
				between							
				the							
				engineeri							
				ng							
				database							
				and the							
				Spectrum							1
				Power							
				Power runtime							
				Power runtime database							
				Power runtime database s.							
				Power runtime database s. IMM							
				Power runtime database s. IMM provides							
				Power runtime database s. IMM							
				Power runtime database s. IMM provides							
				Power runtime database s. IMM provides functions that act							
				Power runtime database s. IMM provides functions that act like a set							
				Power runtime database s. IMM provides functions that act like a set of tools to							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system informatio							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system information. The							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system informatio n. The sub-							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system informatio n. The subfunctions							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system information. The sub-functions of IMM							
				Power runtime database s. IMM provides functions that act like a set of tools to maintain power system informatio n. The subfunctions							

SP7 New-	SOB	SP7_New -40166	Spectrum Power DOM provides a logical, object- oriented data model describing The system engineeri ng process	The Spectrum Power DOM provides a logical, object-oriented data model describing power system information, character stics and behavior. The DOM is based on the CIM version 12. Common Information Model (CIM) CIM is a set of standards for representing power system components The system engineering process hasically			No		Compliant - STD	STD
			basically consists of three phases:* System confi	process basically consists of three phases: System configurat ion * Customiz ation activities are performed during commissi oning. As the requirements of the utility evolve, these activities continue to occur when the system is in						

SP7_New-	SOR	SP7_New	In nower	In nower			No		Compliant	1 - Low	STD
	OOD	-40165	companie	companie			1		- STD	1 2011	0.0
			s, several	s, several					-		
			systems	systems							
			exist	exist							
				based on							
			(to	(to							
			varying extents)	varying extents)							
			common	common							
			p	power							
				grid or							
				network							
				data of							
				the utility.							
				Thus, the complete							
				model							
				maintena							
				nce is							
				split up in							
				different							
				model							
				maintena nce							
				systems							
				with							
				defined							
				data							
				responsibi							
				lities for a							
				specific							
				data item. For							
				specific							
1 1											
1				parts of							
SD7 Now-	SOB	CD7 Now	Cnootrum	the data			No		Compliant	1 Low	CTD
SP7_New-4	SOB	SP7_New -40164	Spectrum Power	the data Spectrum Power			No		Compliant	1 - Low	STD
SP7_New-4	SOB	SP7_New -40164	Spectrum Power Informatio	the data Spectrum Power			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	SP7_New -40164	Informatio n Model	the data Spectrum Power Informatio n Model			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB		Informatio n Model Managem	the data Spectrum Power Informatio n Model Managem			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Informatio n Model Managem ent (IMM)	the data Spectrum Power Informatio n Model Managem ent (IMM)			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB		Informatio n Model Managem ent (IMM) is the	the data Spectrum Power Informatio n Model Managem ent (IMM) is the			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB		Informatio n Model Managem ent (IMM) is the source	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Informatio n Model Managem ent (IMM) is the source data	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source data			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB		Informatio n Model Managem ent (IMM) is the source data master	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master			No		Compliant - STD	1 - Low	STD
SP7 New	SOB		Informatio n Model Managem ent (IMM) is the source data master	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager			No		Compliant - STD	1 - Low	STD
SP7 New	SOB		Information Model Management (IMM) is the source data master and	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager for			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Informatio n Model Managem ent (IMM) is the source data master and	The data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager for domain			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Informatio n Model Managem ent (IMM) is the source data master and	the data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager for domain and			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Informatio n Model Managem ent (IMM) is the source data master and	The data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager for domain and graphic			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Informatio n Model Managem ent (IMM) is the source data master and	The data Spectrum Power Informatio In Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information n Model Management (IMM) is the source data master and	be data Spectrum Power Informatio n Model Managem ent (IMM) is the source data master and manager for domain and graphic data in dota in data			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information n Model Management (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system.			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information n Model Managem ent (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system.			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information Model Managem ent (IMM) is the source data master and	ine data Spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information Model Management (IMM) is the source data master and	be data Spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information n Model Managem ent (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information Managem ent (IMM) is the source data master and	ine data Spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IIMM provides the ability to			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information Managem ent (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information n Model Managem ent (IMM) is the source data master and	spectrum of the ability of the abili			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information in Model Management (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to efficiently enter and maintain power system			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information Model Management (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data manager for domain and graphic data in a Spectrum Power System. IMM provides the ability to efficiently enter and maintain power system related			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information Model Management (IMM) is the source data master and	ine data Spectrum Power Information Model Managem ent (IMM) is the source data manster and manager for domain and graphic data in a Spectrum Power system. IIMM provides the ability to efficiently enter and maintain power system related engineeri			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information in Model Management (IMM) is the source data master and	spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to efficiently enter and maintain power system related engineering data in graphic data in a spectrum Power system.			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information in Model Management (IMM) is the source data master and	spectrum Power Information Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to efficiently enter and maintain power system enter and maintain power system enter and maintain power system enter and maintain power system enter and maintain power system enter and maintain power system enter and maintain power system enter and ent			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information in Model Management (IMM) is the source data master and	ine data Spectrum Power Information Model Managem ent (IMM) is the source data manster and manager for domain and graphic data in a Spectrum Power system. IMM power system. IIMM enticently enter and maintain power system related engineeri ng data in a Common			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB		Information in Model Management (IMM) is the source data master and	spectrum Power Information on Model Managem ent (IMM) is the source data manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to efficiently enter and maintain power system related engineeri ng a Common Information Model			No		Compliant - STD	1 - Low	STD
SP7_New	SOB		Information in Model Management (IMM) is the source data master and	Spectrum Power Information Model Managem ent (IMM) is the source data master and manager for domain and graphic data in a Spectrum Power system. IMM provides the ability to efficiently enter and maintain power system related engineering data in a Common Informatio			No		Compliant	1 - Low	STD

CD7 New	000	007.11	00114	lopus.		1			0 11 1	4 1	OTD
SP7_New-			provides a UI that drives and controls the Import process from the GIS and	visualizes of the current process status (which phase it is in). The UI can be opened on the ADM server. Through the UI the user can select the mode of operation, whether it is a bulk import or increment al import. Also, the selection			No		Compliant - STD		STD
SP7 New-		-40135	IMM change detection checks the consisten cy between the IMM da	The GDIM IMM change detection checks the consisten cy between the IMM and GDIM data bases. The result of the compare is displayed in the GDIM UI.			No		Compliant		STD
SP7_New-	SOB	SP7_New -40134	case, GIS data describing the	are received.			No		Compliant	1 - Low	STD

SP7_New *	ow STD
al import supports auto- detection import on the full network model. D Data is imported in GDIM in a new extracted	
supports auto- detection import on the full network model. D Data is imported in GDIM in a new extracted	
auto- detection import on the full network model. D Data is imported in GDIM in a new extracted	
detection import on the full network model. D Data is imported in GDIM in a new extracted	
import on the full the full network model. D Data is imported in GDIM in a new extracted	
the full network network model. D Data is imported in GDIM in a new extracted	
network model. model. D Data is imported in GDIM in a new extracted	
model. D Data is imported in GDIM in a new extracted	
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Identified	
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SP7_New-SOB SP7_New The GDIM The GDIM The GDIM No Compliant 1 - L	ow STD
-40132 system, system, -STD -STD	'
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started on	
Stated on the GDIM	
UI using	
UI USIIIY	
the bulk	
mode. For the initial	

SP7 New-SOB SP7-4012	the imports of the import of static graphics from a DXF file. The supported DXF f	of static graphics from a DXF file. The he supported DXF file format for	No	Compliant - STD	1-Low STD	
SP7_New~SOB SP74012	26 translatio n engine governs the extraction process. The translatio n engine is	n engine governs the	No	Compliant - STD	1-Low STD	

SP7_New-	SOB	SP7_New	A GIS can	A GIS can utilize			No		Compliant	1 - Low	STD
		-40125	utilize	utilize					- STD		
			multiple	multiple							
				sources							
				of data. Each of							
				these							
				sources							
			may need	may need							
			to be	to be							
				considere							
				d by							
				GDIM. To absorb							
				the GIS-							
				centric							
				datatypes							
				and							
				formats,							
				the							
				various GDIM is							
				designed							
				to contain							
				special							
				processin							
				g and							
				functionali							
				ty specific to the							
				relevant							
				GIS and							
				data							
				model.							
				The							
				translatio							
SP7_New-	SOB	SP7_New	The GDIM	n engine The GDIM UI			No		Compliant	1 - Low	STD
		-40121	UI	UI					- STD		
			visualizes the								
				the current							
				progress							
			and	and							
1 1			shows	shows							
1 1			shows log/error	log/error							
			shows log/error messages								
1			shows log/error messages . On the	log/error messages							
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			shows log/error messages . On the	log/error messages On the GDIM UI,							
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			shows log/error messages . On the	log/error messages . On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode)							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode on deta mode) and choose between							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise or automatic							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise or automatic							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise or automatic							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise or automatic							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, inicrement al mode or delta mode) and choose between stepwise or automatic import. Dependin gon the settings in							
			shows log/error messages . On the	log/error messages . On the GDIM UI, the data engineer selects the mode of operation (bulk, increment al mode or delta mode) and choose between stepwise or automatic import. Dependin g on the settings in the GDIM							
			shows log/error messages . On the	log/error messages On the GDIM UI, the data engineer selects the mode of operation (bulk, inicrement al mode or delta mode) and choose between stepwise or automatic import. Dependin gon the settings in							

SP7_New-	SOB	SP7_New		* GIS ->			No		Compliant	1 - Low	STD
			GDIM -	GDIM -					- STD		
				The data							
			imports	extraction imports							
				the data							
				from GIS							
			and writes	and writes							
			it into	it into							
				GDIM's							
				extracted dataset.							
				The GDIM							
				extracted							
				dataset is							
				a							
				standardi							
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				intermedi ate							
				schema.							
				* GDIM -							
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				extraction							
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				validation							
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SP7 New-	SOR	SD7 Now					No		Compliant	1 - L ow	STD
SP7_New-	SOB	SP7_New -40119	Figure #	executed image: 1-			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	SP7_New -40119	Figure # GDIM Functiona	executed (image: 1- img83a51 b366f6fb0			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40119	Figure # GDIM Functiona I Blocks	executed (image: 1- img83a51 b366f6fb0 799da352			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49 1 en			No		Compliant - STD	1 - Low	STD
SP7_New-4	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j			No		Compliant - STD	1 - Low	STD
SP7_New	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j pg)			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j pg) Figure # GDIM Functiona			No		Compliant - STD	1 - Low	STD
SP7_New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j pg) Figure # GDIM Functiona I Blocks			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j pg) Figure # GDIM Functiona I Blocks Overview			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1- img83a51 b366f6fb0 799da352 g393a2de9 49_1_en_US_TIFF.jpg) Figure # GDIM Functiona I Blocks Overview The major			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF.j pg) Figure # GDIM Functiona I Blocks Overview			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	image: 1- img83a51 b366f6fb0 799da352 393a2de9 49_1_en_ US_TIFF-j pg) Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	control of the GDIM include			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1 en US_TIFF.j pg) Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM include * Data			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed—(image: 1-img83a51) b366f6fb0 799da352 393a2de9 49 1_en_US_TIFF.j pg) Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM include * Data extraction			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	control of the data of the dat			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functional I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1_en_US_TIFF.j pg) Figure # GDIM Functional I Blocks Overview The major functional blocks of the GDIM include * Data extraction The data extraction block oblock			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1 en_US_TIFF.j pg) Figure # GDIM Functional I Blocks Overview The major functional blocks of the GDIM include * Data extraction block interfaces			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-1 img83a51 b366f6fb0 799da352 393a2de9 49 1 en US_TIFF.j pg) Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM include * Data extraction The data extraction block interfaces with the			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1_en_US_TIFF.j pg) Figure # GDIM Functional I Blocks Overview The major functional blocks of the GDIM include * Data extraction The data extraction block interfaces with the GIS			No		Compliant - STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1 en_US_TIFF.j pg) Figure # GDIM FUNCTIONAL I Blocks Overview The major functional blocks of the GDIM include * Data extraction block interfaces with the GIS database, database, database, as a simple of the solution of the solu			No		- STD	1 - Low	STD
SP7 New-	SOB	-40119	Figure # GDIM Functiona I Blocks Overview The major functional blocks of the GDIM	executed (image: 1-img83a51 b366f6fb0 799da352 393a2de9 49 1_en_US_TIFF.j pg) Figure # GDIM Functional I Blocks Overview The major functional blocks of the GDIM include * Data extraction The data extraction block interfaces with the GIS			No		Compliant - STD	1 - Low	STD
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	SP7_New Structure 40101 fte Manual Introduction: Basic information about the compone nt Func	of the Manual Introducti on: Basic informatio n about the compone nt Functiona lity: Descriptio n of different functionali ty of the compone nt Technolo gy: Informatio n about user interface technolog y and external data interfaces	No	Compliant 1 - Low	STD
SP7_NewSOB S	SPT_New Typical Users This document is designed for users that are already familiar with	Typical Users This document is designed for users that are already familiar with operation al and technical aspects of power generatio n and power transmissi on and distributio n as well as the product concepts: System Engineers System Engineers are able to install and to customize the system. They	No	Compliant 1 - Low	STD

SP7 New-SOB	provides specific and detailed informatic n on how to use a p	to use a particular product or product compone nt. (image: 1-Tip.png) NOTENot e that the screensh ots used in this document contain sample data which may not be available in some systems.	No	Compliant 1	
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		SP7_New -2901	Overview of GDIM				No			
SP7_New-:		SP7_New -2900	I Blocks of GDIM				No			
SP7_New-1	Heading	SP7_New -2899	Non- Functiona I Topics				No			
SP7_New-:	Heading	SP7_New -2898	Workflows				No			
SP7_New-:	Heading	SP7_New -2897	IMM				No			
CD= 1:			Change Detection							
SP7_New-1		SP7_New -2896	tion				No			
SP7_New-:		SP7_New -2895	Transform ation				No			
SP7_New-:		SP7_New -2894	Managem ent				No			
SP7_New-:		SP7_New -2893	Validation				No			
SP7_New-1		SP7_New -2892	Extracted Dataset				No			
SP7_New-:	Heading	SP7_New -2891	GIS Data Extraction				No			
SP7_New-:	Heading	SP7_New -2890	Functiona I Overview				No			
SP7_New-:	Heading	SP7_New -2881	Informatio n Model Managem ent				No			
SP7_New-:	Heading	SP7_New -2880					No			
			ent							

SP7_New-	Heading	 Introducti on			No			