CoMPAS conformance statement

		M/O IEC 61850-6	CoMPAS	Description
ICD/IID import and usage		M	(Y)	
S11	IED data mode	M	Y	
S12	Predefined data sets	M	Y	
S13	Predefined control blocks	M	Y	
S14	Support MustUnderstand concept (8.2)	M	N	Rule is used only for R-GOOSE and R-SV. Is not supported yet
S15	Import up to current SCL version and revision	M	Y	
S16	Substation bay template with existing links if it exists	O	N	
S17	Reuse already imported DataTypeTemplates for identical types	O	N	When importing IEDs there is no check for identical structure in the DataTypeTemplates section. Instead with identical id the id will be extended with the IED name to be identical in the project
S18	Kepp attributes and element of unknown XML name soaces outside Private elements SCD export	O	Y	
S19	Import single line layout coordinated defined in C.1	O	Y	
S110	Import of IID file; upgrade configuration values setting values, modify data model (see 10.1)	C1	N	
S111	Imports SCL in UTF-8	M	Y	
Communication engineering				
S21	Configure (edit) IED names	M	Y	
S22	Create and configure Subnetworks and IED communication addresses	M	Y	
S23	Create/import client IEDs, master, switches and routers	M	Y	
S24	Create and configure physical connection attributes (9.4.6)	O	N	
S25	Configure ldNames	C1	N	
S26	Configure lnInst and LN prefix, if the IED allows this	O	(Y)	Y through virtual IEDs N for a vendor IED
Data flow and log engineering				
S31	Configure control blocks for all types of dataflow and log-related control blocks	M	(Y)	Y for Report, GOOSE and Sampled Values N for Log
S32	Create data sets, if IED capability allows this	M	(Y)	Y for Report, GOOSE and Sampled Values N for Log
S33	Create data sets, if IED capability allows this	M	Y	They are directly tied to the control block. Not individual data sets can be created
S34	Modify existing data sets if IED capability allows this	M	Y	

S35	Manage control block confRev for all types of dataflow related control blocks.	M	N	There is an issue open for that
S361	Allocate control block instances to clients & define data destinations (ClientLN element, IEDNameelement) for all types of dataflow related control blocks.	M	(Y)	ClientLN is supported IEDName can be done using update subscriber menu plugin
S362	Allocate LOGs to LogControl	M	N	
S37	Edit Inputs section in the LNs (9.3.13)	M	(Y)	Work in progress complete support expected Oct 2022
S381	Create Input section from configured data set flow based on Goose and SMV services	M	Y	
S382	Create Input section from configured data set flow based on Reporting service	O	N	
S39	Provide source control block reference for signals in Input section (9.3.13)	M	Y	>Ed2
SCD Substation section handling				
S41	Import Substation section from SSD/SCD file	AtLeastOne(1)	N	
S42	Edit / create substation section	AtLeastOne(1)	Y	
S43	Bind logical nodes from IEDs to substation section	O	Y	
S44	Create bay instances from IED / ICD substation templates	O	N	
S45	Edit / create substation topology (connections between primary equipment (9.2.4)	O	N	
S46	Edit substation element names and desc attributes.	O	(Y)	Line, Process, GeneralEquipment, TransformerWinding and SubEquipment is not yet included
S47	Edit Equipment terminals (name attribute of the Terminal element)	O	N	
S48	Edit / create the Function / SubFunction/ GeneralEquipment/ EqFunction / EqSubFunctionnaming hierarchies	O	(Y)	GeneralEquipment, everything else is there
SCD modification				
S51	Handle SCD Header revision & version (9.1); mark an SCD file change by a new revision or version indication	M	Y	
S52	Set configuration values (attributes with fc=CF, DC)	O	Y	
S53	Set Parameter (Setting DATA, fc=SP) values, also for different setting groups	O	Y	Manipulation is possible for nearly all types. There is not check if editing is allowed
S54	Add / Modify layout coordinates according to C.1	O	N	
S55	Show IED service / engineering capabilities to engineer	O	N	Coming soon
S56	Interpret IED capabilities and prohibit unsupported usage	M	N	
S57	Editing of data attributes valKind property according to IED capabilities (9.5.4.1)	O	N	
S58	Handle SCD Header revision history (9.1) with a new entry for each new version or revision.	O	Y	
SCD export				

S61	Previous version(s) and revision(s) export	O	N	No upgrade and downgrade rules implemented
S62	Current version / revision export	M	Y	
S63	Reserved	O	N	
S64	Re-export imported Private sections	M	Y	
S65	Export restructured DataTypeTemplates types (keeping all instance-related information and all Private information constant)	O	Y	
S66	Keep type identifiers in DataTypeTemplates section unique even if on ICD import the same ID is used in different ICD files for different type structures.	M	Y	
S67	Export SCL in UTF-8 coding	M	Y	
SCD Import				
S71	Previous version(s) latest revision import	M	N	No upgrade and downgrade are used
S72	Current version / revision import	M	Y	
S73	Reserved	O	N	
S74	Add new bays / equipment in substation section	O	Y	
S75	Add links from substation section to IEDs	O	Y	
S77	Update IED configuration values	O	N	
S78	Update IED Setting DATA values	O	(Y)	Most data types are supported
S79	Add new IEDs	O	Y	Import IEDs or create virtual IEDs
SED Handling				
S81	Export SED for selected dataflow IEDs	M	N	
S82	Import SED with exported part	M	N	
S83	Prohibit editing of own IEDs exported with dataflow right (inclusive Substation section links & communication addresses)	M	N	
S84	Import SED for usage in own project; export modified SED back to source project	M	N	
S85	Import/merge Substation section part from SED	M	N	
S86	Import/merge Communication section part from SED	M	N	