IEC 61850 User Feedback Task Force - Feature #409

Too loose or non existing guideline for organization of structure tree (construction of each LD, LN etc)

02/03/2021 02:07 PM - Herbert Falk

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Standard extension required	**Estimated time:**	0.00 hour
Target version:			
ID:	4.1	**To discuss in WG10:**	No
Source:	ENTSO-E	**Short Proposal:**	These are a couple of different issues(1) The requirement to standardise logical devices was not idientified so far and goes beyond the interoperability requirement. However, it would help to the end user to understand the functionality of an IED and to harmonise between projects from multiple vendors. With the new concept introduced in part 6, to describe functions / subfunctions, it was as well the idea that the standardisation domains shall define types for functions and subfunctions. This can be a first step. It needs to be discussed if functions / subfunctions shall correlate to logical device hierarchies
TF Unique ID:	4.1 # ENTSO-E	**Standard(s):**	
WG10 Proposal:	WG to define types for functions / subfunctions and possible correlation of logical device hierarchyto be adressed to the 61850-6-100 (need a realistic date)	**Needs More Information:**	Yes
Estimated Completion:	Will be solved with extension of SCL to define function types and subtypes. Input will as well be coming from ENTSO-EDC1 should be soon, but we do not know. Let's see the plenary report	**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

Too loose or non existing guideline for organization of structure tree (construction of each LD, LN etc). Manufacturer is filling with their own private parts. Usage of GGIO to cover more then signaling part (wide range of protection function parameters are not covered with predefined LN's). Continuous standardization work is required to standardise commonly used data and data attributes such as protection parameters that are found in most IEDS developed for our domain.

History

#1 - 02/03/2021 02:49 PM - Herbert Falk

- *Status changed from New to In Progress*

#2 - 02/11/2021 08:00 AM - Vladan Cvejic

- *Subject changed from Too loose or non existing guideline for organization of structure tree (construction of each LD, LN etc). Manufacturer is fillin to Too loose or non existing guideline for organization of structure tree (construction of each LD, LN etc)*

- *Short Proposal changed from These are a couple of different issues*
(1) The requirement to standardise logical devices was not idientified so far and goes beyond the interoperability requirement. However, it would help to the end user to understand the functionality of an IED and to harmonise between projects from multiple vendors. With the new concept introduced in part 6, to describe functions / subfunctions, it was as well the idea that the standardisation domains shall define types for functions and subfunctions.

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- WG10 Proposal changed from WG to define types for functions / subfunctions and possible correlation of logical device hierarchy

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- Estimated Completion changed from Will be solved with extension of SCL to define function types and subtypes. Input will as well be coming from ENTSO-E
DC1 should be soon, but we do not know. Let's see the plenary report to Will be solved with extension of SCL to define function types and subtypes. Input will as well be coming from ENTSO-EDC1 should be soon, but we do not know. Let's see the plenary report

- Discuss in Upcoming Meeting set to No

Checking done.

#3 - 12/06/2022 09:00 AM - Vladan Cvejic

- Status changed from In Progress to Closed

- To discuss in WG10 set to No

- Needs More Information set to Yes

Since there is no representation from ENTSO-E anymore we can close these tickets for now. Additionally, we can eventually re-open if in the future similar needs are identified by other users.