IEC TC57 WG10 Future Work - WG10 Future Work #5929

CIM-61850 Harmonization - allow Terminals with no connections - use explicit ConnectivityNode.name = None

08/09/2022 08:06 AM - Vladan Cvejic

Status:	New	**Start date:**	07/13/2022
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Source:	IEC 62361-102 R8	**Standard(s):**	IEC 61850-6
TF Unique ID:		**Needs More Information:**	No
WG10 Proposal:		**Assigned TF:**	61850-6
Discuss in Upcoming Meeting:	No	**Target edition:**	Next
Short Proposal:			

Description

IEC 62361-102 Recommendation R8:

The SCL method of modelling equipment that is not connected is inconsistent with CIM models. The CIM allows Equipment and their Terminals to be defined regardless of whether they are connected or not. Allowing unconnected terminals to be indicated by possible (but not guaranteed) removal of a terminal element does not facilitate automatic mapping.

In IEC 61850-6 Table 6 Attributes of the Terminal element, change the description ConnectivityNode.
Current text: "If the Equipment shall not be connected, then the whole Terminal element shall be removed."
Proposed text: "If the Equipment shall not be connected, then the whole Terminal element shall be preserved. The Terminal attribute connectivityNode may be the name of a normal ConnectivtyRule or it may have the special value 'None'".

History

#1 - 09/13/2022 08:17 AM - Carlos Rodriguez del Castillo

- Discuss in Upcoming Meeting changed from Yes to No

#2 - 06/21/2023 02:21 AM - Vladan Cvejic

- Tracker changed from WG10FutureWork to WG10 Future Work

- Needs More Information set to No

- Assigned TF 61850-6 added

#3 - 10/26/2023 02:37 AM - Vladan Cvejic

- Target edition set to Not assigned

#4 - 02/08/2024 05:08 AM - Vladan Cvejic

- Target edition changed from Not assigned to Next