IEC 61850 User Feedback Task Force - Bug #451

ICD file of a client only IED

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

Status:	Closed	**Start date:**	
Priority:	High	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Standard clarification required	**Estimated time:**	0.00 hour
Target version:			
ID:	8	**To discuss in WG10:**	No
Source:	IOP_2013	**Short Proposal:**	WG10 shall agree, if for Client only LNs a Data Type Template entry is required or not and make the whole part 6 and XSD consistent based on that decision
TF Unique ID:	8 # IOP_2013	**Standard(s):**	IEC 61850-6
WG10 Proposal:	According to Cathedral City meeting (ref. to UFTF-CathedralMOM20160219) this issue is closed.	**Needs More Information:**	
Estimated Completion:		**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description
A ICD was generated for a Client Only IED. It had an LN defined (e.g. IHMI). The ICD had no definition for IHMI in the DataTypeTemplate section. Upon import, the file did not validate. 61850-6 has text that specifies that a Client Only IED may define a LN and not have any entry (could not find the text) defining the LN in the DataTypeTemplate section. However, the XSDs do not allow this

History

#1 - 02/03/2021 03:59 PM - Herbert Falk

- Priority changed from Normal to High

#2 - 02/11/2021 06:20 AM - Carlos Rodriguez del Castillo

- Subject changed from A ICD was generated for a Client Only IED. It had an LN defined (e.g. IHMI). The ICD had no definition for IHMI in the DataTypeT to ICD file of a client only IED

- Status changed from New to Feedback

- Standard(s) set to IEC 61850-6

- Discuss in Upcoming Meeting set to Yes

Checking done.

#3 - 02/16/2021 03:57 AM - Carlos Rodriguez del Castillo

- Status changed from Feedback to Triage

#4 - 09/28/2021 07:57 AM - Thierry Dufaure

ICD files shall be validated against the schema it is claiming conformance to (i.e. indicated in the SCL header of the file).
The LN SCL element requires a lnType attribute, and the schema requires an existing LNodeType in the DataTypeTemplate for every declared lnType. Therefore there is no other option for a pure client to add an SCL valid LNodeType in the DataTypeTemplate.

#5 - 03/15/2022 09:43 AM - Carlos Rodriguez del Castillo

- Status changed from Triage to Closed

- Discuss in Upcoming Meeting changed from Yes to No

- To discuss in WG10 set to No