IEC 61850 User Feedback Task Force - Support #434

Freedom of choice what IEC 61850 services are to be tested seem too open. The vendor can select exactly what UCA accredited test

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

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Profile or Guideline	**Estimated time:**	0.00 hour
Target version:			
ID:	25	**To discuss in WG10:**	No
Source:	ENTSO-E	**Short Proposal:**	As part of the UCA conformance testing process, PICS, PIXIT, SICS and TICS are integral part of the documentation for a certificate to precisely describe what was tested.To help the end user to compare these elements with its own specification, some guidance shall be provided. Such a guidance can be provided with details by a guideline produced by the UCA users group. In addition, we may consider in further revisions of IEC 61850 what additional information can be provided in e.g. part 1 of the standard.
TF Unique ID:	25 # ENTSO-E	**Standard(s):**	
WG10 Proposal:	UCA TF (testing committee) in charge. To be checked regularly by the UFTF leader 19-01-23: PICS template is in Excel format (for Conformance testind defined by UCA TF) - PICS template in different format is defined by standard part 10 - PART 10 has to be updated (contact R. Schimmel); PIXIT is not yet in machine readable format (UCA TF will investigate the options)Final solution by WG10 is not started, maybe in Ed. 3	**Needs More Information:**	Yes
Estimated Completion:	Contact Richard Schimmel to find out when will it start 10 ed2.1	**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

Freedom of choice what IEC 61850 services are to be tested seem too open. The vendor can select exactly what UCA accredited test center shall test and the report is limited to those details. If IED doesn't pass one of the tested services regarding interoperability, the vendor can leave out this particular service from the list of tested services and the end user won't know that it didn't pass the test. Also, PIXIT & PICS, TICS, SICS are too detailed and it is not in the scope of the end users for checking their validity and suitability for their own applications.

There are two issues that are adressed here:
- mismatch between PICS/PIXITs used for conformance testing, manuals and marketing documents
- the easyness of the interpretation of PICS/PIXITs

History

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

- Status changed from New to In Progress

#2 - 04/02/2021 01:30 PM - Herbert Falk

- Short Proposal changed from As part of the UCA conformance testing process, PICS, PIXIT, SICS and TICS are integral part of the documentation for a certificate to precisely describe what was tested.
To help the end user to compare these elements with its own specification, some guidance shall be provided. Such a guidance can be provided with details by a guideline produced by the UCA users group. In addition, we may consider in further revisions of IEC 61850 what additional information can be provided in e.g. part 1 of the standard. to As part of the UCA conformance testing process, PICS, PIXIT, SICS and TICS are integral part of the documentation for a certificate to precisely describe what was tested.To help the end user to compare these elements with its own specification, some guidance shall be provided. Such a guidance can be provided with details by a guideline produced by the UCA users group. In addition, we may consider in further revisions of IEC 61850 what additional information can be provided in e.g. part 1 of the standard.

- WG10 Proposal changed from UCA TF (testing committee) in charge. To be checked regularly by the UFTF leader
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- Discuss in Upcoming Meeting set to No

- To discuss in WG10 set to No

The PICS, TICS, MICS, PIXIT are vendor confidential information. UCAIug does not have rights to post or even retain copies of this information. UCAIug's rights are only to use these documents as part of the certification process.

#3 - 12/06/2022 09:01 AM - Vladan Cvejic

- Status changed from In Progress to Closed

- 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.