

Server - Issues #7008

Proposal to change Mandatory test items related to compatibility to Conditional

09/25/2024 07:03 PM - ah han

Status: Rejected	Due date:
Priority: Normal	
Assignee:	
Category:	
Target version:	
Discuss in Upcoming Meeting: No	Updated Test Document:
Clause Reference:	Test Case ID:
61850 Standard: 7-1	Closed Reason: --Not Set--
Triggering Tissue:	Triggering Tissue 2:
Final Decision:	Triggering Tissue 3:
Initial Test Document:	

Description

All compatibility-related test items added to the Ed2.1 test procedure according to IEC 61850-7-1 Annex K (e.g. sGos20-22, cRp40-46, etc.) are classified as mandatory. However, it is proposed to change these items to conditional and distinguish whether compatibility is supported in PIXIT as Y/N.

Since KEPCO configures substation systems with devices from multiple manufacturers, it is proposed to use a mix of Ed1 and Ed2 products to reduce interoperability risks.

In other words, KEPCO states that if Report or GOOSE mixed with data models not in the Ed2/2.1 standard (which can be added to Ed3) is processed as required by the test procedure with Ed2.1 products, it will cause confusion in the operation of the substation system composed only of Ed2/2.1. Therefore, it is argued that users should be able to select this feature.

They seem uncomfortable with the fact that tests that consider the possibility of mixing data models not in the Ed2/2.1 standard into the current Ed2/2.1 system are mandatory.

History

#1 - 10/01/2024 08:19 AM - IEC 61850 TPWG

- Status changed from New to Rejected

Rejected. Backwards compatibility is demanded by the market. PIXIT is information for testing, not for allowing devices that are not conformant.