

IEC 61850 User Feedback Task Force - Feature #6739

How to deal with 'Beh' and 'Health' of isolated functions

03/18/2024 05:37 AM - Michael Haecker

Status:	In Progress	Start date:	03/18/2024
Priority:	Normal	Due date:	
Assignee:	Andreas Ostermeier	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		To discuss in WG10:	No
ID:		Short Proposal:	
Source:		Standard(s):	
TF Unique ID:		Needs More Information:	No
WG10 Proposal:		Assigned TF:	61850-10-3 (Functional Testing), 61850-80-6 Substation to Control Centre Communication
Estimated Completion:			
Discuss in Upcoming Meeting:	No		

Description

For site testing, users shall use the test mode to isolate devices/functions to prevent from flooding control centres with test data.

Whereas data marked "test" can be filtered out, changes of 'Beh' cannot be filtered out. When, for example, changing the active parameter set, the user will create data towards the control centre for LN instances which are activated/inactivated through this change.

[Part 7-4 Annex A: "Regardless of the status of LN.Beh, the quality test attribute of Mod, Beh and Health shall be q.test=false."]

In an automation system where a gateway is used to interface the control centre, this gateway could implement a feature to block the information flow of a device in test. Where a direct link via IEC 61850 is used, such blocking is not possible.

History

#1 - 04/09/2024 08:43 AM - Carlos Rodriguez del Castillo

- Status changed from New to In Progress
- Assignee set to Andreas Ostermeier
- Discuss in Upcoming Meeting changed from Yes to No
- Assigned TF 61850-10-3 (Functional Testing), 61850-80-6 Substation to Control Centre Communication added
- Assigned TF deleted (None)

This issue should be in the scope of 80-6, if we need a standardized solution for this, and 10-3 for the testing.