

IEC 61850 User Feedback Task Force - Improvement #6546

Prevent the modification of setting parameters

10/20/2023 11:27 AM - Michael Haecker

Status: Closed	Start date: 10/20/2023
Priority: Normal	Due date:
Category: Solved / Missunderstanding	% Done: 100%
Target version:	Estimated time: 0.00 hour
ID:	To discuss in WG10: No
Source:	Short Proposal:
TF Unique ID:	Standard(s):
WG10 Proposal:	Needs More Information: No
Estimated Completion:	Assigned TF: 61850-7-2
Discuss in Upcoming Meeting: No	

Description

Setting parameters (SE, SG) can be modified online using the services of the setting group control block model. Based on ACSI services, the SGCB services cannot be blocked.

Users want to be able to prevent from unwanted modification of setting parameters.

Proposal descriptions

Create a means for a user to block/unblock the 'ConfirmEditSGValues' service.

Side note: Discuss the effect of changing the active setting group. Changing the active setting group is an operative measure. Nevertheless, it can lead to a malfunction when changing to another SG and hence activating an inappropriate setting value.

History

#1 - 10/23/2023 01:48 AM - Carlos Rodriguez del Castillo

- Discuss in Upcoming Meeting changed from No to Yes

#2 - 11/07/2023 08:14 AM - Vladan Cvejic

- Tracker changed from Bug to Improvement

- Category set to Solved / Missunderstanding

- Status changed from New to Closed

- % Done changed from 0 to 100

- Discuss in Upcoming Meeting changed from Yes to No

Discussion and conclusion: This shall be a matter of cybersecurity and not of a core model change. Thus, if it is needed to prevent unwanted setting changes - it shall be a question of RBAC application. For example, protection role shall have rights to change settings related to protection etc. For general offline blocking - valKind is an option.