

IEC TC57 WG10 Future Work - WG10 Future Work #6144

Need to add SCL mechanism to define a minimum MinTime

09/29/2022 03:12 PM - Herbert Falk

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|-------------------------------------|----------|--------------------------------|-------------|
| Status: | New | Start date: | 09/29/2022 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | Standard(s): | IEC 61850-6 |
| Source: | IOP 2022 | Needs More Information: | No |
| TF Unique ID: | | Assigned TF: | 61850-6 |
| WG10 Proposal: | | Target edition: | Next |
| Discuss in Upcoming Meeting: | No | | |
| Short Proposal: | | | |

Description

If there is an issue reported, please report the test case number/name that was being executed.

The device (AA1D1Q01BPU2) has a minimum Goose MinTime of 10ms.

The SCD file has a minimum Goose MinTime of 5ms for this device.

The configured device uses the 10ms, as discovered by a client.

The SCL schema has no feature to indicate the minimum MinTime.

Proposal descriptions

Add a feature to SCL to indicate a minimum MinTime.

Need to add a Services Section for a Minimum-MinTime. Physical Device characteristic input from ICD to SCT to tell the SCT the engineering parameters.

SCL is lacking a mechanism to provide/protect information for a predefined control block. For GOOSE Control blocks predefined forward to WG10, propose an attribute for minTime in the Communication section that indicates a minimum-MinTime. Could also go in as an attribute of the GSEControl itself.

Place as a future issue in Redmine.

History

#1 - 06/21/2023 01:48 AM - Vladan Cvejic

- Tracker changed from WG10FutureWork to WG10 Future Work

- Source deleted (IOP 2022)

- Discuss in Upcoming Meeting deleted (No)

- Proposal descriptions updated

#2 - 06/21/2023 02:08 AM - Vladan Cvejic

- Source set to IOP 2022

- Discuss in Upcoming Meeting set to No

- Proposal descriptions updated

- Needs More Information set to No

#3 - 06/21/2023 02:09 AM - Vladan Cvejic

- Proposal descriptions updated

#4 - 10/26/2023 02:37 AM - Vladan Cvejic

- *Target edition set to Not assigned*

#5 - 10/26/2023 05:21 AM - Vladan Cvejic

- *Standard(s) set to IEC 61850-6*

- *Target edition changed from Not assigned to Next*

- *Assigned TF 61850-6 added*