

IEC 61850 Certificate Level A¹

Issued to:

Schneider Electric
100 Avenue de la Gare Sud de France
34970 Lattes
France

For the System Configuration Tool:

EcoStruxure™ Power Automation System Engineering
Version 4.0.11.2

The system configuration tool has not been shown to be non-conforming to:

IEC 61850 Edition 2 Part 6

Communication networks and systems for power utility automation

The conformance test has been performed according to IEC 61850-10 Edition 2, the UCA International Users Group Conformance Test Procedures for IED and System Configuration Tools for IEC 61850 Edition 2, revision 1.0 with tool's SCL and technical issue implementation conformance statements: "Power Automation System Engineering Version 4.0.11.2 IEC61850-6 Ed2 SCL Implementation Conformance Statement", "Power Automation System Engineering Version 4.0.11.2 IEC61850-6 Ed2 Tissue Conformance Statement" and the extra information for testing: "Power Automation System Engineering Version 4.0.11.2 IEC61850-6 Ed2 Protocol Implementation eXtra Information for Testing".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases):

| | |
|--|---|
| | <ul style="list-style-type: none"> 31 ICD & IID import and usage (9/10) 32 Communication Engineering (9/9) 33 Data Flow Engineering (13/14) 34 Substation Section Handling (7/8) 35 SCD Modification (4/8) 36 SCD Export (4/4) 37 SCD Import (5/6) |
|--|---|

This certificate includes a summary of the test results as carried out at DNV in the Netherlands with UniGrid SA 2.1.0 with test suite 20240216. This document has been issued for information purposes only, and the archived DNV verification report No. 10461441 DSO 24-4081 will prevail.

Arnhem, March 7, 2024



K. Lazaridis
Test Engineer

Issued by:




R. Schimmel
Verification Manager

¹ Level A - Independent test lab with certified ISO 9001 Quality System
UCA International Users Group P.O. Box 315, Shell Knob, MO 65747 USA

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Applicable Test Procedures from the UCAiug Conformance Test Procedures for IED and System Configuration Tools for IEC 61850 Edition 2, revision 1.2

| Conformance Block | Mandatory | Conditional |
|---------------------------------|--|--|
| 31: ICD & IID import and usage | tSie1, tSie2, tSie3, tSie6a, tSie7, tSieN1, tSieN2 | tSie5, tSie6b |
| 32: Communication Engineering | tSce1, tSce2, tSce3, tSce4, tSce6 | tSce5, tSce7, tSceN1, tSceN2 |
| 33: Data Flow Engineering | tDfe1, tDfe2abcd, tDfe3abcd, tDfe4abcd, tDfe51abc, tDfe52abc, tDfe6ab, tDfe7ab, tDfeN1, tDfeN2abcd, tDfeN3 | tDfe6c, tDfe6d |
| 34: Substation Section Handling | | tSsh1, tSsh2ab, tSsh3, tSsh4, tSsh5, tSsh6, tSsh8abc |
| 35: SCD Modification | tSmo1 | tSmo2, tSmo3, tSmo5 |
| 36: SCD Export | tSse1b, tSse3 | tSse1a, tSse2 |
| 37: SCD Import | tSsi1, tSsi2, tSsi5, tSsi6 | tSsi4 |