

No. 74108229-OPE/INC 16-0021

Issued to:

ABB Schweiz AG
Bruggerstrasse 72
5400 Baden
Switzerland

For the System Configuration Tool:

IET600 Integrated Engineering Tool
Version 5.3

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: "SCL Implementation Conformance Statement (SICS), 1KHL504752 revision 1.1", "TICS for System Configuration Tool, 1KHL504854 revision 1.0" and the extra information for testing: "Protocol Implementation eXtra Information for Testing (PIXIT) for the IEC 61850 Ed2 interface in IET600, 1KHL504855, revision 1.0".

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"> 21 ICD & IID import and usage (9/11) 22 Communication Engineering (6/8) 23 Data Flow Engineering (10/13) 24 Substation Section Handling (6/8) 25 SCD Modification (4/8) 26 SCD Export (4/4) 27 SCD Import (3/6) 28 SED Handling (5/6)
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This certificate includes a summary of the test results as carried out at DNV GL in the Netherlands. This document has been issued for information purposes only, and the original paper copy of the DNV GL verification report No. 74108229-OPE/INC 16-0020 will prevail.

Arnhem, February 3, 2016



M. Adriaensen
Head of Department
Operational Excellence

Issued by:



DNV KEMA is now DNV GL



R. Schimmel
Verification Manager

¹ Level A - Independent test lab with certified ISO 9001 Quality System

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Applicable Test Procedures from the UCA International Users Group Conformance Test Procedures for IED and System Configuration Tools for IEC 61850 Edition 2, revision 1.0

Conformance Block	Mandatory	Conditional
21: ICD & IID import and usage	tSie1, tSie2, tSie3, tSie6a, tSie7, tSie8, tSieN1, tSieN2	tSie5
22: Communication Engineering	tSce1, tSce2, tSce3, tSce4, tSce6	tSce5
23: Data Flow Engineering	tDfe1, tDfe2abcd, tDfe3abcd, tDfe4abcd, tDfe51abc, tDfe52abc, tDfe6ab, tDfe7ab, tDfeN1, tDfeN2abcd	
24: Substation Section Handling		tSsh1, tSsh2ab, tSsh3, tSsh5, tSsh6, tSsh8abc
25: SCD Modification	tSmo1	tSmo4, tSmo5, tSmo7
26: SCD Export	tSse1b, tSse3	tSse1a, tSse2
27: SCD Import	tSsi1, tSsi2	tSsi5
28: SED Handling	tSeh1, tSeh2, tSeh3	tSeh4, tSeh6