IEC 61850 Certificate Level A[1]

No. 10004037-OPE/INC 16-2127

Issued to:

ABB Oy
Medium Voltage Products
Muottitie 2 A
FI-65101 Vaasa
Finland

For the server IED Configuration Tool:

PCM600 Protection and Control IED Manager
Version 2.7
IED's: REL670 and REF615

The server IED 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) for PCM600 2.7, 1MRS227652 revision B", "Tissue Implementation Conformance Statement (TICS) for PCM600 2.7, 1MRS227664 revision A" and the extra information for testing: "PIXIT for PCM600 2.7, 1MRS227653 revision A".

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):

11 ICD (11/11) 12 ICD Export (3/5) 13 SCD Import (7/8) 15 Tool Functionality (2/4)	

This certificate includes a summary of the test results as carried out at DNV GL in the Netherlands with UniCA 61850 Client Simulator 4.29.03 with test suite Ed2 4.31.02 and UniCA SCL Checker 5.31.00. This document has been issued for information purposes only, and the original paper copy of the DNV GL verification report No. 10004037-OPE/INC 16-2126 will prevail.

Arnhem, July 19, 2016

P. Cioci
Global Service Line Leader
Operational Excellence of Power
Systems

Issued by:

DNV·GL

DNV KEMA is now DNV GL

R. Schimmel
Verification Manager

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

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
11: ICD	tIce1, tIce2, tIce3, tIce4b, tIce6a, tIce7	tIce4a, tIce5, tIce6b, tIce8, tIce9
12: ICD Export	tIce10, tIce11, tIce12	
13: SCD Import	tSci1, tSci3, tSci4	tSci2a, tSci2b, tSci6a, tSci6b
15: Tool Functionality	tTf1	tTf2