

ATTESTATION OF CONFORMITY

No. 10021085-OPE/INC 16-2172

Issued to:

Schneider Electric
2195 Keating Cross Road
Saanichton, British Columbia
Canada V8M 2A5

For the server product:

PowerLogic ION8800 Meter
Software version: 8800V362e
S/N: MN-1511A233-01

With the implemented communication protocol:

IEC 61850 Edition 2 Parts 6, 7-1, 7-2, 7-3, 7-4 and 8-1

Communication networks and systems in substations

The server product has not been shown to be non-conforming to the specified protocol standard, including the interface requirements.

The conformance test has been performed according to IEC 61850-10 Edition 2 and UCAIug Conformance Test Procedures for Server product with IEC 61850-8-1 interface, version 1.0 with Test Procedures Change List version 1.2 with server product's protocol, model and technical issue implementation conformance statements and protocol implementation extra information for testing: "IEC 61850 and ION technology, 70022-0125-06 (06/2016)".

The following IEC 61850 conformance blocks have been verified with a positive result:

1 Basic Exchange	12a Direct Control
2 Data Sets	13 Time Synchronization
5 Unbuffered Reporting	
6 Buffered Reporting	

This attestation includes a summary of the test results as carried out at DNV GL in The Netherlands with Unigrd SA v1.0.263.45 with test suite 1.0.0 and UniCA 61850 Analyzer 5.29.02. This attestation has been issued for information purposes only, and the original copy of the DNV GL verification report No. 10021085-OPE/INC 16-2170 will prevail.

The test has been carried out on one single specimen of the server product as referred above and submitted to DNV GL by Schneider Electric. The manufacturer's production process has not been assessed. This attestation does not imply that DNV GL has verified any server product other than the specimen tested.

Arnhem, July 29, 2016



P. Cioci
Global Service Line Leader
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Issued by:



DNV KEMA is now DNV GL



R. Schimmel
Verification Manager

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Applicable Test Procedures from the UCA International Users Group Edition 2 Server Test Procedures version 1.0 with TPCL 1.2

Conformance Block	Mandatory	Conditional
1: Basic Exchange	sAss1, sAss2, sAss3, sAssN2, sAssN3, sAssN4, sAssN5, sSrv1, sSrv2, sSrv3, sSrv4, sSrv5, sSrvN1abcd, sSrvN4	sSrv8, sSrvN1f
2: Data Sets	sDs1, sDs10a, sDsN1ae	sDs15
5: Unbuffered Reporting	sRp1, sRp2, sRp3, sRp4, sRp5, sRp9, sRp14, sRp15, sRpN1, sRpN2, sRpN3, sRpN4, sRpN8	sRp8, sRp10, sRp11, sRp12
6: Buffered Reporting	sBr1, sBr2, sBr3, sBr4, sBr5, sBr9, sBr14, sBr15, sBr20, sBr21, sBr22, sBr25, sBr26, sBr27, sBr28, sBrN1, sBrN2, sBrN3, sBrN4, sBrN5, sBrN8	sBr8, sBr10, sBr11, sBr12
12a: Direct control	sCtl5, sCtl10, sDOns1, sDOns2	
13: Time sync	sTm1, sTm2, sTmN1	