

ATTESTATION OF CONFORMITY

No. 10286830-INC 21-3345

Issued to:

ProSoft Technology, Inc
9201 Camino Media, Suite 200
Bakersfield, CA 93311
USA

For the client system:

MVI56E-61850C IEC 61850 Client Communication
Module with Allen-Bradley ControlLogix 1756-L85E controller

Manufacturer	Module	Serial Number	SW version
ProSoft	MVI56E-61850C	0001A7CA	1.01.022
Allen-Bradley	ControlLogix 1756-L85E	74457183	33.011

The client product has not been shown to be non-conforming to:

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

Communication networks and systems in substations

The conformance test has been performed according to IEC 61850-10 Edition 2 and UCAlug Conformance Test Procedures for Client System with IEC 61850-8-1 interface, revision 1.1.2 with client system's protocol, model and technical issue implementation conformance statements: "Protocol Implementation Conformance Statement for the IEC 61850 interface in MVI56E-61850C, Revision 1.01, dated 10/04/2021", "Model Implementation Conformance Statement for the IEC 61850 interface in MVI56E-61850C, Revision 1.01, dated 08/05/2021" and "TISSUES Implementation Conformance Statement (TICS) for the IEC 61850 Edition 2 Client and Server interface in MVI56E-61850C, Revision 1.01, dated 10/05/2021" and product's extra information for testing: "Protocol Implementation eXtra Information for Testing (PIXIT) for the IEC 61850 Edition 2 server interface in MVI56E-61850C, Revision 1.01, dated 09/30/2021".

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

1	Basic Exchange	12a	Direct Control
2	Data Sets	12b	SBO Control
5	Unbuffered Reporting	12c	Enhanced Direct Control
6	Buffered Reporting	12d	Enhanced SBO Control

This attestation includes a summary of the test results as carried out at DNV in the Netherlands with UniCA 61850 IED Simulator version 6.1.31 and UniCA 61850 Analyzer 6.40.01. This attestation has been issued for information purposes only, and the archived DNV verification report No. 10286830-INC 21-3343 rev 2 will prevail.

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

Arnhem, September 16, 2021


N.A. Heijker
Business Leader
Interoperability of Smart Power Systems

Issued by:




R. Schimmel
Verification Manager

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Conformance Block	Mandatory	Conditional
1: Basic Exchange	cAss1, cAss2, cAss3, cAssN1, cAssN4, cAssN5, cAssN6	cAssN7, cSrv5, cSrv7, cSrv10, cSrvN3, cSrvN5, cSrvN6
2: Data Sets		cDs2, cDs5, cDs6, cDsN1b
5: Unbuffered Reporting	cRp3, cRp4, cRp5, cRp8, cRp9, cRp10, cRp11, cRp13a, cRp14, cRp15, cRp19, cRpN2, cRpN5, cRpN6	cRp2, cRp6, cRp7, cRp16, cRp18
6: Buffered Reporting	cBr3, cBr4, cBr5, cBr8, cBr9, cBr10, cBr11, cBr13a, cBr14, cBr15, cBr19, cBr30, cBr31, cBrN2, cBrN5, cBrN6	cBr2, cBr6, cBr7, cBr16, cBr18
12a: Direct Control	cCtl4, cCtl5, cDOs1, cDOs2	cCtl1, cCtl2
12b: SBO Control	cCtl4, cCtl5, cSBOs1, cSBOs2, cSBOs3	cCtl1, cCtl2
12c: Enhanced Direct Control	cCtl4, cCtl5, cDOes1, cDOes2	cCtl1, cCtl2
12d: Enhanced SBO Control	cCtl4, cCtl5, cSBOes1, cSBOes2, cSBOes3	cCtl1, cCtl2