

IEC 61850 Certificate Level A¹

Issued to:

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

For the server product:

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 server 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 for power utility automation

The conformance test has been performed according to IEC 61850-10 Edition 2, the UCA International Users Group Edition 2 Server Test Procedures version 2.0.4 with product'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 09/30/2021" 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 the 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 08/04/2021".

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):

	9a GOOSE Publish (7/13)
	9b GOOSE Subscribe (18/20)
	13 Time Synchronization (3/7)

This certificate includes a summary of the test results as carried out at DNV in the Netherlands with UniGrid SA Simulator 1.7.1 with test suite 20210701.3 and UniCA 61850 Analyzer 6.40.01. This document has been issued for information purposes only, and the archived DNV verification report No. 10286830-INC 21-3346 rev 2 will prevail.

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

Arnhem, September 17, 2021



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

Issued by:




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 Edition 2 Server Test Procedures version 2.0.4

Conformance Block	Mandatory	Conditional
9a: GOOSE publish	sGop2a, sGop3, sGop4, sGop9, sGop10, sGop11, sGop12	
9b: GOOSE subscribe	sGos1, sGos2, sGos3, sGos5, sGos6a, sGos7, sGos8, sGos9, sGos10, sGos11, sGos12, sGosN1, sGosN2, sGosN3, sGosN4, sGosN5, sGosN6	sGos13
13: Time sync	sTm1, sTm2, sTmN1	