



# IEC 61850 Certificate Level A<sup>1</sup>

No. 74104241-MOC/INC 13-2966

Issued to:  
ARC Informatique  
2 Avenue de la Cristallerie  
92310 SEVRES  
France

For the client system:  
CimWay for PcVue version  
11.0.2021.2290  
Hardware: Dell Precision T1650 with  
Windows Server 2012 Standard

Issued by:



The client system has not shown to be non-conforming to:  
**IEC 61850-6, 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 and UCA IUG Conformance Test Procedures for Client System with IEC 61850-8-1 interface, revision 1.1 with TPCL<sup>2</sup> version 1.2 with client system's protocol, model and technical issue implementation conformance statements: "CimWay – IEC 61850 PICS, version 2.0f, 25 July 2013", "CimWay – IEC 61850 MICS, version 2.0c, 25 July 2013", "CimWay – IEC 61850 TICS, version 2.0c, 25 July 2013" and product's extra information for testing: "CimWay – IEC 61850 PIXIT, version 2.0c, 25 July 2013".

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):

1	Basic Exchange (20/22)	12a	Direct Control (7/7)
2	Data Sets (7/9)	12b	SBO Control (9/9)
5	Unbuffered Reporting (14/18)	12c	Enhanced Direct Control (7/7)
6	Buffered Reporting (18/22)	12d	Enhanced SBO Control (9/9)
		13	Time Synchronization (3/4)

This certificate includes a summary of the test results as carried out at KEMA in The Netherlands with UniCA Multi IED Simulator version 3.26.01 and UniCA 61850 Analyzer version 5.27.04. This document has been issued for information purposes only, and the original paper copy of the KEMA report: No. 74104241-MOC/INC 13-2967 will prevail.

The test has been carried out on one single specimen of the client system as referred above and submitted to KEMA by ARC Informatique. The manufacturer's production process has not been assessed. This attestation does not imply that KEMA has approved any product other than the specimen tested.

Arnhem, July 26, 2013

M. Adriaansen  
Director Intelligent Networks & Communication

  
R. Schimmel  
Certification Manager

<sup>1</sup> Level A - Independent test lab with certified ISO 9001 Quality System  
<sup>2</sup> TPCL - Test Procedure Change List



Applicable Test Procedures from the UCA IUG Conformance Test Procedures for Client System with IEC 61850-8-1 interface, revision 1.1 with TPCL version 1.2

Conformance Block	Mandatory	Conditional
1: Basic Exchange	cAss1, cAss2, cAss3, cAss4, cAssN1, cAssN4, cAssN5, cAssN6	cAssN7 cSrv1, cSrv2, cSrv3, cSrv4, cSrv5, cSrv6, cSrvN1, cSrvN3, cSrvN4, cSrvN5, cSrvN6
2: Data Sets		cDs1, cDs2, cDs3, cDs5, cDsN1a, cDsN1b, cDsN2
5: Unbuffered Reporting	cRp3, cRp4, cRp5, cRp8, cRp9, cRp10, cRpN2, cRpN3, cRpN7, cRpN8	cRp2, cRp6, cRp7, cRpN4
6: Buffered Reporting	cBr3, cBr4, cBr5, cBr8, cBr9, cBr10, cBr11, cBr12, cBrN2, cBrN3, cBrN7, cBrN8, cBrN9	cBr2, cBr6, cBr7, cBr13, cBrN4
12a: Direct control	cCtl4, cCtlN1 cDOns1, cDOns2	cCtl1, cCtl2, cCtl3
12b: SBO control	cCtl4, cCtlN1 cSBOns1, cSBOns2, cSBOns3	cCtl1, cCtl2, cCtl3, cSBOns4
12c: Enhanced Direct Control	cCtl4, cCtlN1 cDOes1, cDOes2	cCtl1, cCtl2, cCtl3
12d: Enhanced SBO control	cCtl4, cCtlN1, cSBOes1, cSBOes2, cSBOes3	cCtl1, cCtl2, cCtl3 cSBOes4
13: Time sync	cTm1	cTm2, cTmN1