



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

International Usersgroup

No. 74101852-MOC/INC 13-1306

Issued to:  
Schneider Electric  
Avenue de Figuières  
34975 Lattes  
France

For the server product:  
MiCOM C264  
Firmware: B8.16G

Issued by:



**The server product has not shown to be non-conforming to:**  
**IEC 61850 First Edition 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, the UCA International Users Group Device Test Procedures version 2.3 with TPCL<sup>2</sup> version 1.5, the product's protocol, model and technical issue implementation conformance statements: "MiCOM C264 version B8.16G - PICS - Issue A", "MiCOM C264 version B8.16G - MICS - Issue A" and "MiCOM C264 version B8.16G - TICS - Issue A" and the extra information for testing: "MiCOM C264 version B8.16G - PIXIT - Issue A".

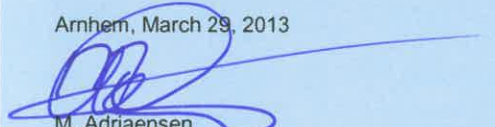
The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases):

1	Basic Exchange (16/24)	9b	GOOSE Subscribe (11/11)
2	Data Sets (3/6)	12a	Direct Control (5/12)
5	Unbuffered Reporting (13/19)	12c	Enhanced Direct Control (5/13)
6	Buffered Reporting (16/21)	12d	Enhanced SBO Control (10/19)
9a	GOOSE Publish (8/13)	13	Time Synchronization (4/5)

This certificate includes a summary of the test results as carried out at Schneider Electric in France with UniCA 61850 Client simulator 4.26.04 with test suite 3.26.00 and UniCA 61850 Analyzer 4.26.04. This document has been issued for information purposes only, and the original paper copy of the KEMA report: No. 74101852-MOC/INC 13-1307 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to KEMA by Schneider Electric. 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, March 29, 2013

  
M. Adriaansen  
Director Intelligent Networks & Communication

  
R. Schimmel  
Certification Manager

1 Level A - Independent test lab with certified ISO 9001 quality system  
2 TPCL - Test procedures change list

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Applicable Test Procedures from the UCA International Users Group Device Test Procedures version 2.3 with TPCL version 1.5

Conformance Block	Mandatory	Conditional
1: Basic Exchange	Ass1, Ass2, Ass3, AssN2, AssN3, AssN4, AssN5 Srv1, Srv2, Srv3, Srv4, Srv5, SrvN1abcd, SrvN4	Srv8, SrvN1f
2: Data Sets	Dset1, Dset10a, DsetN1ae	
5: Unbuffered Reporting	Rp1, Rp2, Rp3, Rp4, Rp7, Rp10, Rp12 RpN1, RpN2, RpN3, RpN4	Rp5, Rp8
6: Buffered Reporting	Br1, Br2, Br3, Br4, Br7, Br8, Br9, Br12, Br14 BrN1, BrN2, BrN3, BrN4, BrN5	Br5, Br10
9a: GOOSE publish	Gop2, Gop3, Gop4, Gop7, Gop10a	Gop1, Gop6, GopN1
9b: GOOSE subscribe	Gos1a, Gos2, Gos3, GosN1, GosN2, GosN3, GosN4, GosN5, GosN6	Gos1b, Gos4
12a: Direct control	CtlN3, CtlN8 DOns1, DOns3	Ctl7
12c: Enhanced Direct Control	CtlN3, CtlN8 DOes2, DOes5	Ctl7
12d: Enhanced SBO control	Ctl3, CtlN1, CtlN2, CtlN3, CtlN4, CtlN9 SBOes1, SBOes2, SBOes3	Ctl7
13: Time sync	Tm1, Tm2, TmN1	Tm3