



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

No. 30620067-Consulting 2006-0308

Issued to:  
AREVA T&D  
Protection & Control  
34970 Lattes  
France

For the product:  
MiCOM C264P  
Software version 4.31



The product 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 with product's protocol, model and technical issue implementation conformance statements: "MiCOM C264 Protocol implementation extra information for testing (PIXIT), ISSUE A; MiCOM C264P MICS, ISSUE B; MiCOM C264/C264P MiCOM C264/C264P TISSUE CONFORMANCE STATEMENT, ISSUE A", and extra information for testing (PIXIT) "MiCOM C264 Protocol implementation extra information for testing (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 as defined in the UCA International Users Group Device Test procedures):

1	Basic Exchange (17/23)	9ab	Generic Object Oriented Substation Event (14/20)
2	Data Sets (2/5)	12ad	Direct Control and Enhanced SBO Control (15/24)
5	Unbuffered Reports (10/13)	12c	Enhanced Direct Control (7/11)
6	Buffered Reports (13/15)	13	Time Synchronization (3/4)

This Certificate includes a summary of the test results as carried out at Areva T & D in France, with UniCasim 61850 v2.13.04 test system running test suite "61850 Conformance Test v2.13.08", UniCasim GOOSE v2.13.00 test system running test suite "GOOSE Conformance Test v2.12.03", UniCA 61850 analyzer version 4.13.00. The test is based on the UCA International Users Group Device Test Procedures version 1.1. This document has been issued for information purposes only, and the original paper copy of the KEMA report: No. 30620067-Consulting 2006-0309 will prevail.

The test have been carried out on one single specimen of the products as referred above and provided to KEMA by AREVA. The manufacturer's production process has not been assessed. This Certificate does not imply that KEMA has certified or approved any product other than the specimen tested.

Arnhem, April 28, 2006

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1) Level A – Independent Test Lab with certified ISO 9000 or ISO 17025 Quality System

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