



IEC 61850 Certificate Level A¹

International Usersgroup

No. 30920517-Consulting 09-2368

Issued to:
RTDS Technologies Inc.
300 - 137 Innovation Drive
Winnipeg
Manitoba
CANADA

For the product:
GTNET – GSE
Firmware version GTNET–GSE v4.3



The product has not shown to be non-conforming to:
IEC 61850-7-2 and 8-1
Communication networks and systems in substations

The conformance test has been performed according to IEC 61850-10 with product's protocol implementation conformance statement and product's extra information for testing as specified in: "SCD Editor User's Manual for GTNET, November 2009 rev.01".

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 v2.2):

9a GOOSE Publish (4/12)	9b GOOSE Subscribe (9/10)
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This Certificate includes a summary of the test results as carried out at RTDS Technologies Inc. in Canada with UniCA 61850 analyzer version 4.18.01. The test is based on the UCA International Users Group Device Test Procedures version 2.2. This document has been issued for information purposes only, and the original paper copy of the KEMA report: No. 09-2367 will prevail.

The test have been carried out on one single specimen of the products as referred above and submitted to KEMA by RTDS Technologies. 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, 3 November 2009

W. Strabbing
Manager Intelligent Network Control and Protection

M. Flohil
Test Engineer

1 Level A - Independent Test lab with certified ISO 9000 or ISO 17025 Quality System

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Applicable Test Procedures from the UCA International Users Group Device Test Procedures version 2.2

Conformance Block	Mandatory	Conditional
9a: GOOSE publish	Gop2, Gop3, Gop4, Gop7	
9b: GOOSE subscribe	Gos1a, Gos2, Gos3, GosN1, GosN2, GosN3, GosN4, GosN5, GosN6	