



IEC 61850 Certificate Level A¹

International Usersgroup

No. 30910062-Consulting 09-0850

Issued to:
VAMP Ltd.
P.O. Box 810
FIN-65101 Vaasa, Finland
Visiting address: Yrittäjänkatu 15

For the product:
VAMP 257 Feeder Manager
SW version: 10.19
HW version: 3C7CAM
Serial Number: 025010



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: "VAMP Conformance Statement (PIXIT, PICS, MICS) version 6.0" and "VAMP Tissue Conformance Statement (TICS) version EN002".

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):

1 Basic Exchange (15/24)	9a GOOSE Publish (8/11)
2+ Data Set Definition (26/29)	12a Direct Control (3/12)
5 Unbuffered Reporting (15/18)	13 Time Synchronization (3/5)
6 Buffered Reporting (17/20)	

This Certificate includes a summary of the test results as carried out at KEMA in Arnhem, The Netherlands with UniCasim 61850 version 3.19.00 with test suite 3.18.00 and UniCA 61850 analyzer 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. 30910062-Consulting 09-0849 will prevail.

The test has been carried out on one single specimen of the products as referred above and submitted to KEMA by VAMP Ltd. 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, 24 April 2009


W. Strabbing
Manager intelligent Networks and Communication


P. Ciucci
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
1: Basic Exchange	Ass1, Ass2, Ass3, AssN2, AssN3, AssN4, AssN5 Srv1, Srv2, Srv3, Srv4, Srv5, SrvN1abcd, SrvN4	Srv6
2+: Data Set Definition	Dset1, Dset10a, DsetN1ae Dset2, Dset3, Dset4, Dset5, Dset6, Dset7, Dset8, Dset9, DsetN1cd, DsetN2, DsetN3, DsetN4, DsetN5, DsetN6, DsetN7, DsetN8, DsetN9, DsetN10, DsetN11, DsetN12, DsetN13, DsetN14, DsetN15	
5: Unbuffered Reporting	Rp1, Rp2, Rp3, Rp4, Rp7, Rp8, Rp10, RpN1, RpN2, RpN3, RpN4	Rp6, Rp9, RpN5, RpN6
6: Buffered Reporting	Br1, Br2, Br3, Br4, Br7, Br8, Br9, Br10, Br12, BrN1, BrN2, BrN3, BrN4, BrN5	Br6, Br11, BrN6
9a: GOOSE publish	Gop2, Gop3, Gop4, Gop7	Gop1, Gop5, Gop6, GopN1
12a: Direct control	ClitN3, DOns1, DOns3	
13: Time sync	Tm1, Tm2, (TmN1)	

Note: TmN1 the time quality is always valid