IEC 61850 Certificate Level A[1]

No. 30620239-Consulting 07-1623

Issued to:
SELTA S.p.A.
Direzione e Stabilimento
Via Emilia, 231
29010 Cadeo (PC)
Italy

For the product:
SELTA STCE/SA200
Regime Ver 2.0.6 (b4)
Regime Code 658079005-A0-IT

Issued by: **KEMA**

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: "STCESA_IEC61850_PICS rev 1.03", "STCESA200_MICS issue 1.0", "STCESA_IEC61850_TICS rev 1.03" and product's extra information for testing: "STCESA_IEC61850_PIXIT rev 1.04".

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 v1.1):

1	Basic Exchange	(16/23)	9a	GOOSE Publish	(7/11)
2	Data Sets	(2/5)	9b	GOOSE Subscribe	(9/9)
6	Buffered Reporting	(13/15)	14	File Transfer	(3/6)

This Certificate includes a summary of the test results as carried out at SELTA S.p.A in Italy with UniCAsim 61850 version 2.15.01 with test suite 3.16.02 and UniCAsim GOOSE version 2.14.02 with teststuite 2.12.05 and UniCA 61850 analyzer 4.15.00. 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. 30620239-Consulting 07-1689 will prevail.

The test have been carried out on one single specimen of the products as referred above and submitted to KEMA by SELTA S.p.A. 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, August 9, 2007

S.J.L.M. Janssen
Managing Director KEMA Consulting

S.J.T. Mulder
Test engineer

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

Applicable Test Procedures from the UCA International Users Group Device Test Procedures version 1.1

Conformance Block	Mandatory	Conditional
1: Basic Exchange	Ass1, Ass2, Ass3, AssN2, AssN3, AssN4, AssN5 Srv1, Srv2, Srv3, Srv4, Srv5, SrvN1abcd, SrvN4	Srv8, Srv6
2: Data Sets	Dset1, DsetN1ae	
6: Buffered Reporting	Br1, Br2, Br3, Br4, Br7, Br8, Br9 BrN1, BrN2, BrN3, BrN4, BrN5	Br5
9a: GOOSE publish	Gop2, Gop3, Gop4, Gop7	Gop1, Gop8, GopN1
9b: GOOSE subscribe	Gos1, Gos2, Gos3, GosN1, GosN2, GosN3, GosN4, GosN5, GosN6	
14 File transfer	Ft1, Ft2ab, FtN1ab	