



ATTESTATION OF CONFORMITY

No. 74101861-MOC/INC 12-01416

Issued to:
SIEMENS AG
IC SG EA PRO D 6 1
Humboldtstrasse 59
90459 Nürnberg
Germany

for the product:
SICAM PAS
Type: 104 Controlled station
Version 7.01 SP1

With the implemented communication protocol:

IEC 60870-5-104 ed.2 (IS 2006)

Network Access for IEC 60870-5-101 using standard transport profiles in Standard direction and Siemens Protocol Implementation Document for IEC 60870-5-104 Control Center Connection Edition 1.2.

The product has not been shown to be non-conforming to the specified protocol standard, including the interface requirements.

End-to-End data element tests for the information and control points as described in manufacturer Protocol Implementation Conformance Statement (PICS) have been performed on the product's protocol implementation. Functional tests in controlled mode are performed for the following levels:

<ul style="list-style-type: none"> • <i>Station initialization</i> • <i>General interrogation</i> • <i>Acquisition of events</i> • <i>Cyclic data transmission</i> • <i>Read command</i> 	<ul style="list-style-type: none"> • <i>Clock synchronization</i> • <i>Command transmission</i> • <i>Transmission of integrated totals</i> • <i>Parameter loading</i> • <i>Redundant links</i>
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The test campaign did not reveal any errors in the product's protocol implementation.

This Attestation is granted on account of tests made at location of KEMA in Arnhem, The Netherlands and performed with UnIECim 60870-5-104 version 1.25.01 (February 2012) running CS104 Test Suite version 1.39. The results, including remarks and limitations, are laid down in our report no. 74101861-MOC/INC 12-01417.

The tests have been carried out on one single specimen of the product, submitted by Siemens. The Attestation does **not** include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by KEMA is not the responsibility of KEMA.

Arnhem, July 26, 2012


M. Adriaansen
Director Management & Operations Consulting


P.H.S. Ermens
Test Consultant

IMPORTANT: Remarks apply to this implementation. See the resulting report for full details
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