



ATTESTATION OF CONFORMITY

No. 74105411-MOC/INC 14-0213

Issued to:
 DATAWatt
 Woldmeentherand 5
 8332 JE Steenwijk
 The Netherlands

for the product:
 D05-MRTU
 Type: IEC 104 Controlled station,
 Including software:
 - IEC 104 Application software version: 4.103

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 the DATAWatt IEC 60870-5-104 Interoperability Document for D05-MRTU H/4.103.

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>Data acquisition through read</i> • <i>Acquisition of events</i> • <i>General interrogation</i> 	<ul style="list-style-type: none"> • <i>Clock synchronization</i> • <i>Command transmission</i> • <i>Transmission of integrated totals</i> • <i>Test procedure</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 DATAWatt in Steenwijk, The Netherlands and performed with UniECim 104 version 2.0.3 (2013) running CS104 Test Suite version 1.42. The results, including remarks and limitations, are laid down in DNV KEMA report no. 74105411-MOC/INC 14-0214.

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

Arnhem, January 17, 2014

M. Adriaansen
 Intelligent Networks and Communication

G. Webber
 Test Consultant

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