

ATTESTATION OF CONFORMITY

No. 10300483-INC 21-3259

Issued to:
Elvexys SA
Route de Montena 65
1762, Rossens
Switzerland

for the product:
StreamBridge
Type: IEC 104 Controlled station
Software version: 6.4.0
Serial number: TAIGE1020738
Interface Type: Ethernet cable

With the implemented communication protocol:
IEC 60870-5-104 ed.2 (IS 2006)

Network Access for IEC 60870-5-104 using standard transport profiles in standard direction and the Elvexys SA IEC 60870-5-104 Interoperability Document for StreamBridge: Stream870-5-104 for IEC 60870-5-104 V 1.08.

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">• Station initialization• Redundancy• Cyclic data transmission• Acquisition of events• General interrogation	<ul style="list-style-type: none">• Clock synchronization• Command transmission• Transmission of Integrated Totals• Test procedure• File Transfer
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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 Elvexys SA in Rossens, Switzerland and performed with DNV UniGrid Telecontrol Simulator version 2.3.1 running CS104 Test Suite version 1.41 and UniGrid Telecontrol 104 Analyser version 3.2.1. The results, including remarks and limitations, are laid down in DNV report no. 10300483-INC 21-3258.

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

Arnhem, August 30, 2021



N.A. Heijker
Business Leader
Interoperability of smart power systems

Issued by:



Davood Sooran
Test Consultant

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