

Issued to:

The Core Tech Inc.

1F., No. 12, Ln. 150, Sec. 5, Roosevelt Rd., Wenshan
Dist., Taipei City 116059, Taiwan (R.O.C.)

For the server product:

TCTCORE 61850

Version: V1.0.0

Issued by:

Taiwan Testing and Certification Center

No.8, Ln. 29, Wenming Rd., Guishan Dist., Taoyuan
City 333, Taiwan (R.O.C.)

The server product has not been shown to be non-conforming to:

IEC 61850 Edition 2 Parts 6, 7-1, 7-2, 7-3, 7-4 and 8-1
Communication networks and systems for power utility automation

The conformance test has been performed according to IEC 61850-10 Edition 2, the UCA International Users Group Edition 2 Server Test Procedures version 2.0.5 with product's protocol, model and technical issue implementation conformance statements: "Protocol Implementation Conformance Statement (PICS) for the IEC 61850 Server interface in tctcore 61850 Version 1.0.0", "Model Implementation Conformance Statement (MICS) for the IEC 61850 Server interface in tctcore 61850 Version 1.0.0", "Tissue Conformance Statement (TICS) for the IEC 61850 Server interface in tctcore 61850 Version 1.0.0" and product's extra information for testing: "Protocol Implementation eXtra Information for Testing (PIXIT) for the IEC 61850 Server interface in tctcore 61850 Version 1.0.0".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test) :

1	Basic Exchange (20/26)	2	Data Sets (3/7)
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This certificate includes a summary of the test results as carried out at Taoyuan in Taiwan with SimFlex Client Simulator Edition 2 version 3.17 with test suite version TP2_0_5 and Wireshark version 3.6.3. This document has been issued for information purposes only, and the original paper copy of the Taiwan Testing and Certification Center report: No. 21-11-CAV-017 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to Taiwan Testing and Certification Center by The Core Tech Inc. The manufacturer's production process has not been assessed. This certificate does not imply that Taiwan Testing and Certification Center has certified or approved any product other than the specimen tested.
Taoyuan, May 05 2022

Hsi-Hsun Yeh

Hsi-Hsun Yeh
Technical Certifier

Cheng-Hsien Lin

Cheng-Hsien Lin
Test Engineer

¹ Level A - Independent Test lab with certified ISO/IEC 17025 Quality System
UCA International Users Group P.O. Box 315, Shell Knob, MO 65747 USA

Applicable Test Procedures from the UCA International Users Group Edition 2 Server Test Procedures version 2.0.5:

Conformance Block	Mandatory	Conditional
1: Basic Exchange	sAss1, sAss2, sAss3, sAss4, sAssN2, sAssN3, sAssN4, sAssN5, sSrv1, sSrv2, sSrv3, sSrv4, sSrv5, sSrv8, sSrvN1abcdf, sSrvN4	sAssN6, sSrv6, sSrvN1e, sSrvN3
2: Data Sets	sDs1, sDs10a, sDsN1ae	