

Issued to:

ICPSI (Intelligent Cloud Plus).
14F., No. 55, Zhongzheng 3rd Rd., Xinxing Dist.,
Kaohsiung City 800, Taiwan (R.O.C.)

For the server product:

SE Service (Smart Energy Service)
Version: V1.1 SP1

Issued by:

Electronics Testing Center, Taiwan
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 revision 1.0 with TPCL² version 1.2.1 with the product's protocol, model and technical issue implementation conformance statements: "Protocol Implementation Conformance Statement for the IEC 61850 interface in SE Service (Smart Energy Service), V1.1 SP1, Mar 26, 2019", "Model Implementation Conformance Statement for the IEC 61850 interface in SE Service (Smart Energy Service), V1.1 SP1, Mar 26, 2019", "TICS for the IEC 61850 interface in SE Service (Smart Energy Service), V1.1 SP1, Mar 26, 2019", product's extra information for testing: "PIXIT for the IEC 61850 interface in SE Service (Smart Energy Service), V1.1 SP1, Mar 26, 2019".

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 (21/26)	13	Time Synchronization (3/7)
2	Data Sets (3/7)		

This certificate includes a summary of the test results as carried out at Electronics Testing Center, Taiwan in Taiwan with SimFlex CS Ed 2 2.0 with test suite 2.0-EA03 Wireshark version 2.4.0. This document has been issued for information purposes only, and the original paper copy of the Electronics Testing Center, Taiwan test report: No. 19-01-CAV-011 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to Electronics Testing Center, Taiwan by ICPSI. The manufacturer's production process has not been assessed. This certificate does not imply that Electronics Testing Center, Taiwan has certified or approved any product other than the specimen tested.
Taoyuan, March 27 2019



Sophia Liu
Head of Section



Hsi-Hsun Yeh
Technical Certifier

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¹ Level A – Independent Tester with certified ISO 17025 Quality System
² Test Procedure Change List

Applicable Test Procedures from the UCA International Users Group Edition 2 Server Test Procedures version 1.0 with TPCL version 1.2.1:

Conformance Block	Mandatory	Conditional
1: Basic Exchange	sAss1, sAss2, sAss3, sAssN2, sAssN3, sAssN4, sAssN5, sSrv1, sSrv2, sSrv3, sSrv4, sSrv5, sSrvN1abcd, sSrvN4	sSrv6, sSrv8, sSrv9, sSrv10, sSrvN1e, sSrvN1f, sSrvN3
2: Data Sets	sDs1, sDs10a, sDsN1ae	
13 Time sync	sTm1, sTm2, sTmN1	