

# IEC 61850 Certificate Level A<sup>1</sup>

Issued to:  
NEOPIS Co.,LTD  
14086 Neo Bd, 47, Jeonpa-ro 24beon-gil,  
Manan-gu, Anyang-si, Gyeonggi-do,  
Korea

For the server product:  
EPIC-M2500  
Power Meter  
Com version : 1.0  
OS : eCos

Issued by: **Korea Testing Laboratory**

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 1.0 with TPCL<sup>2</sup> version 1.2.1 with product's protocol, model and technical issue implementation conformance statements: "EPIC-M2500\_PICS", "EPIC-M2500\_MICS", "EPIC-M2500\_TICS" and product's extra information for testing: "EPIC-M2500\_PIXIT".

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)	12a Direct Control (5/18)
2 Data Sets (4/7)	13 Time Synchronization (4/7)
5 Unbuffered Reporting (20/21)	

This Certificate includes a summary of the test results as carried out at KTL in Republic of Korea with IEC 61850 KTL Testing Tool with test suite IEC 61850 Server Conformance Test V.1.0 and IEC 61850 KTL Trace Manager V.1.0. This document has been issued for information purposes only, and the original paper copy of the KTL report: No. TR-17-029674-04 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to KTL by NEOPIS Co.,LTD. The manufacturer's production process has not been assessed. This certificate does not imply that KTL has certified or approved any product other than the specimen tested.

Seoul, June 13, 2017

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1 Level A - Independent Test lab with certified ISO/IEC 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	sAssN6, sSrv6, sSrv8, sSrv10, sSrvN1e, sSrvN1f
2: Data Sets	sDs1, sDs10a, sDsN1ae	sDs15
5: Unbuffered Reporting	sRp1, sRp2, sRp3, sRp4, sRp5, sRp9, sRp14, sRp15, sRpN1, sRpN2, sRpN3, sRpN4, sRpN8	sRp6, sRp7, sRp8, sRp10, sRp11, sRp12, sRpN5
12a Direct control	sCtl5, sCtl10, sDOns1, sDOns2	sCtl13
13 Time sync	sTm1, sTm2, sTmN1	sTmN2