CERTIFICATE OF COMPLIANCE

Certificate N°:	2820	**Issue date:**	January 22nd, 2023
Applicant:	Comcore Technology Pte. Ltd. 12 Woodlands Square, #13-68/69, Woods Square, Singapore 737715 737715-Singapore	**Issued to:**	Comcore Technology Pte. Ltd. 12 Woodlands Square, #13-68/69, Woods Square, Singapore 737715 737715-Singapore

The certified product listed below is eligible to bear the DLMS UA Mark shown

PRODUCT

Model:	TC25
Type:	TC25
Firmware ID:	Id=TC25KV01M334DR22111601
Mgmt LDN (SAP = 1):	SAP = 1 is "4353475F5443313531323031" (CSG_TC251201)
Manufacturer:	Comcore Technology Pte. Ltd.
Media Identifiers:	ABSTRACT, ELECTRICITY

CONFORMANCE SPECIFICATION

COSEM IF Classes and OBIS Codes:	Blue Book Ed. 14
DLMS/COSEM Protocol:	Green Book Ed. 10

TEST TOOL & SPEC.

Test Specification:	Yellow Book Ed. 8
Test Tool Version:	CTT 4.2
Test Tool Licensee:	Qingdao iTechene Technologies Co., Ltd.
COSEM Object definition file:	Object_defs_v14.2_Released_220701.dat
Communication profiles:	MODE_E, HDLC, TCP

This Certificate of Compliance is based on an evaluation of a test report based on a single test executed on one specimen of the product, as identified by the Product data above. This Certificate is issued on the condition that the holder complies and will continue to comply with the requirement and procedures issued by DLMS UA..
The authenticity of the test report has been verified by the DLMS User Association and the equipment identified above is listed on its web site at: www.dlms.com.

CERTIFICATE OF COMPLIANCE

Certificate N°: 2820

Test File: TC25_E_MODE_TestResult tested with CTT 4.2, release 102

```
*******************
* Identification *
*******************
Identification = {
 Manufacturer = "\Comcore Technology Pte. Ltd"
  FLAGid = "\CSG"
  Type = "\TC25"
  SerialNr = "000001"
  ConfigurationId = "\ConfigurationId"
  Applicant = "\ Comcore "
}

***************
* Summary *
***************
```

TEST SUITE	TOTAL	PASSED	FAILED
APPL	46	46	0
COSEM	478	478	0

Communication profile:	MODE_E
Logical device(s) found:	SAP = 1 is "4353475F5443313531323031" (CSG_TC251201)
Active firmware(s):	Id=TC25KV01M334DR22111601
Application context names:	LONG_NAMES LONG_NAMES_WITH_CIPHERING
Authentication mechanisms:	LOW_LEVEL_SECURITY HIGH_LEVEL_SECURITY_GMAC
ACSE and xDLMS features:	ACTION GET SERVICE_SPECIFIC_BLOCK_TRANSFER SET
Security features:	SERVICE_SPECIFIC_GLO_CIPHERING SUITE_0
COSEM classes tested:	1,3,4,7(1),8,11,15(1),20,22,64(1)

CERTIFICATE OF COMPLIANCE

Certificate N°: 2820

Test File: TC25_HDLC_TestResult tested with CTT 4.2, release 102

```
********************
* Identification *
********************
Identification = {
Manufacturer = "\Comcore Technology Pte. Ltd"
  FLAGid = "\CSG"
  Type = "\TC25"
  SerialNr = "000001"
  ConfigurationId = "\ConfigurationId"
  Applicant = "\ Comcore "
}

***************
* Summary *
***************
```

TEST SUITE	TOTAL	PASSED	FAILED
HDLC	31	31	0
APPL	46	46	0
COSEM	478	478	0

Communication profile:	HDLC
Logical device(s) found:	SAP = 1 is "4353475F5443313531323031" (CSG_TC151201)
Active firmware(s):	Id=TC25KV01M334DR22111601
Application context names:	LONG_NAMES LONG_NAMES_WITH_CIPHERING
Authentication mechanisms:	LOW_LEVEL_SECURITY HIGH_LEVEL_SECURITY_GMAC
ACSE and xDLMS features:	ACTION GET SERVICE_SPECIFIC_BLOCK_TRANSFER SET
Security features:	SERVICE_SPECIFIC_GLO_CIPHERING SUITE_0
COSEM classes tested:	1,3,4,7(1),8,11,15(1),20,22,64(1)

CERTIFICATE OF COMPLIANCE

Certificate N°: 2820

Test File: TC25_TCP_TestResult tested with CTT 4.2, release 102

****
* Identification *
****
Identification = {
Manufacturer = "\Comcore Technology Pte. Ltd"
  FLAGid = "\CSG"
  Type = "\TC25"
  SerialNr = "000001"
  ConfigurationId = "\ConfigurationId"
  Applicant = "\ Comcore "
}

****
* Summary *
****

TEST SUITE	TOTAL	PASSED	FAILED
APPL	50	50	0
COSEM	478	478	0

Communication profile: TCP

Logical device(s) found: SAP = 1 is "4353475F5443313531323031" (CSG_TC151201)

Active firmware(s): Id=TC25KV01M334DR22111601

Application context names: LONG_NAMES
LONG_NAMES_WITH_CIPHERING

Authentication mechanisms: LOW_LEVEL_SECURITY
HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features: ACTION
GET
RLRQ_RLRE
SERVICE_SPECIFIC_BLOCK_TRANSFER
SET

Security features: SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0

COSEM classes tested: 1,3,4,7(1),8,11,15(1),20,22,64(1)