dlms

device ™
language
message
specification

DLMS User Association

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Certification No. 2180

This is to certify that the metering equipment identified as:

Type: ITE550   Active firmware(s): Id=I1.24 2019-08-20 S=D787550B
Mgmt. SAP = 1 is "495445313932303139393939393303235" (ITE1920199999025)
Manufactured by: ITRON

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.1 standard edition, 64bits, release 107
- Licensed to: 20160322_ITRON (3/22/2016)
- COSEM object definitions file version: Object_defs_v3.3_released_180601.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1 optical	HDLC, MODE_E	LONG_NAMES, LONG_NAMES _WITH_ CIPHERING	SERVICE_SPECIFIC_GLO_ CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	05-SEP-2019 13:01:22	14374210AFD0D6FA2DB2471D0 C884AEE8C45C77A4830D14DF0 15DB2BDE70B9F7
Test 2 Serial	HDLC, DIRECT_HDLC			02-SEP-2019 13:22:47	B1FEEAB02FB5E2F369FBC4BA 9679843A6AEDD5912024C38029 840DC069166035

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: www.dlms.com.

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.

dlms
COSEM
Compliant

The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 9th September 2019

Győző Kmethy
President

Viktória Varjú Timárné
Certification Engineer

Certification No. 2180

Summary of features tested for Test 1

```
This section provides an overview of the features tested, aggregated over all logical
devices and Application Associations in one test session. Full information is available
in the Test Result.
```

```
******************
* Identification *
******************

Identification = {
  Manufacturer = "\ITRON"
  FLAGid = "\ITE"
  Type = "\ITE550"
  SerialNr = "\99999025"
}

***********
* Summary *
***********

TYPE    TOTAL   SKIPPED  INAPPLICABLE  INCONCLUSIVE  PASSED   FAILED
----    -----   -------  ------------  ------------  ------   ------
HDLC            All(MODE_E)
APPL    162     0        31            0             131      0
COSEM   21793   0        73            765           20955    0
SYMSEC  141     0        21            0             120      0
PUBSEC          All (No ciphered association with the required properties)
DP      0       0        0             0             0        0
GBT             All (No association with the required properties)


Communication profile:          HDLC

Application context names:       LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:       NO_SECURITY,LOW_LEVEL_SECURITY
                                 HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:         ACTION,GET,RLRQ_RLRE,SELECTIVE_ACCESS
                                 SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:               SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                 SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:        (not collected)

Logical device(s) found:
                                 SAP = 1 is "4954453139323031393939393939303235"
(ITE1920199999025)

Active firmware(s):              Id=I1.24 2019-08-20 S=D787550B

COSEM classes tested:            1,3,4,5,6,7(1),8,9,11,15(1),17,18,19(1),20
                                 22,23(1),30,40,64,70


COSEM classes found but not tested:  (none)
```

Certification No. 2180

Summary of features tested for Test 2

```
This section provides an overview of the features tested, aggregated over all logical
devices and Application Associations in one test session. Full information is available in
the Test Result.

******************
* Identification *
******************

Identification = {
  Manufacturer = "\ITRON"
  FLAGid = "\ITE"
  Type = "\ITE550"
  SerialNr = "\99999024"
}

***********
* Summary *
***********

TYPE    TOTAL  SKIPPED  INAPPLICABLE  INCONCLUSIVE  PASSED  FAILED
----    -----  -------  ------------  ------------  ------  ------
HDLC    36     0        4             0             32      0
APPL    162    0        31            0             131     0
COSEM   22045  0        73            693           21279   0
SYMSEC  141    0        21            0             120     0
PUBSEC         All (No ciphered association with the required properties)
DP      0      0        0             0             0       0
GBT            All (No association with the required properties)


Communication profile:          HDLC

Application context names:      LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:      NO_SECURITY,LOW_LEVEL_SECURITY
                                HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:        ACTION,GET,RLRQ_RLRE,SELECTIVE_ACCESS
                                SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:              SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:       (not collected)

Logical device(s) found:
                                SAP = 1 is "4954453139323031393939393939303235"
(ITE1920199999025)

Active firmware(s):             Id=I1.24 2019-08-20 S=D787550B

COSEM classes tested:           1,3,4,5,6,7(1),8,9,11,15(1),17,18,19(1),20
                                22,23(1),30,40,64,70

COSEM classes found but not tested:  (none)
```

The DLMS UA is in conformance with Art. 60ff of the Swiss Civil Code.
Commercial registration number CHE-440.972.101

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