

Final Interoperability Test Report

FIT #: **103**
Date: 6/20/2023
Location: DNV-GL, Arnhem, Netherlands
Page 1 of 38

APPLICANT

Company: Shenzhen Clou Electronics Co., Ltd.
Address: 13-24th Floor, Clou Building, Baoshen Road South, Hi-Tech Industrial Park North, Nanshan District, Shenzhen, China

DEVICE

Device type	CL730S22 / CL730S24	
Type indication on MID certificate	MID Certificate No.	
CL730S22/CL730S24	1446-21	
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	2169	5814193AB09258C6C67B6431591E767F
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>	0098	<input type="checkbox"/>
General information about the device		

FIRMWARE VERSIONS TESTED

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 98
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	/0404	/9999		Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #103

Device: Shenzhen Clou CL730S24

DNV-GL, Arnhem, Netherlands, 01.08.2023

Page 2 of 38

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	/0404	/9999		103	Passed

TEST REPORT - Firmware No. 1		
<i>Test</i>	<i>Verdict</i>	<i>Remark</i>
Connect and release	Passed	
All Device IDs	Passed	Only one ID in use
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Passed	Only one Master Port in use
M-Bus Results	Passed	
M-Bus Devices IDs	Passed	
M-Bus profiles	Passed	
M-Bus Load profiles	Passed	
M-Bus control logs	Passed	
M-Bus Disconnect log	Passed	
FIT Push	Passed	Power Down Push N/A
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
<i>FIT Conformance Test Report</i>		
<pre> ***** IDIS Conformance test report 20-JUN-2023 09:42:48 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Shenzhen Clou Electronics Co. Ltd.' ThreeLettersId = '\CLE' } DeviceUnderTest = { Type = '\CL730S24' IDISDeviceType = 103 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 22090011 IPVersion = IPV6 DataLinkLayer = G3 EUI64Address = '0000110009220703' ConsumerInformationPush = FALSE SMSSupported = FALSE ClipCallSupported = FALSE } </pre>		

```

Active firmware identifier (1-0:0.2.0.255) = \0404
Active firmware identifier 1 (1-1:0.2.0.255) = \9999

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

PASSED                266
FAILED                0
DISABLED              0
INAPPLICABLE         7
INCONCLUSIVE         0
FATAL                0
TOTAL                273

*****
Test Case 1 : Connect and release, 4 item(s)
*****
(1) Connect Public                PASSED
(2) Release Public                PASSED
(3) Connect Management            PASSED
(4) Release Management            PASSED

*****
Test Case 2 : Read Device IDs, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)
(1) .logical_name                PASSED
    <Data>
    <OctetString Value="0000600100FF" />
    </Data>
(2) .value                        PASSED
    <Data>
    <OctetString Value="\22090011" />
    </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)
(3) .logical_name                PASSED
    <Data>
    <OctetString Value="0000600101FF" />
    </Data>
(4) .value                        PASSED
    <Data>
    <OctetString Value="" />
    </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)
(5) .logical_name                PASSED
    <Data>
    <OctetString Value="0000600102FF" />
    </Data>
(6) .value                        PASSED
    <Data>
    <OctetString Value="" />
    </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)
(7) .logical_name                PASSED
    <Data>
    <OctetString Value="0000600103FF" />
    </Data>
(8) .value                        PASSED
    <Data>
    <OctetString Value="" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name                PASSED
    <Data>
    <OctetString Value="0000600104FF" />
    </Data>
(10) .value                       PASSED

```

```

    <Data>
      <OctetString Value="" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
    <Data>
      <OctetString Value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
      <OctetString Value="" />
    </Data>

*****
Test Case 3 : Read COSEM Logical Device Name, 2 item(s)
*****

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
      <OctetString Value="\CLE1030722090011" />
    </Data>

*****
Test Case 4 : Read SAP Assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <OctetString Value="\CLE1030722090011" />
        </Structure>
      </Array>
    </Data>

*****
Test Case 5 : Read Active FW Version, 12 item(s)
*****

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
      <OctetString Value="\0404" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(3) .logical_name PASSED
    <Data>
      <OctetString Value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
      <OctetString Value="0000CCFE" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name PASSED

```

```

    <Data>
      <OctetString Value="0101000200FF" />
    </Data>
(6) .value PASSED
    <Data>
      <OctetString Value="\9999" />
    </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name PASSED
    <Data>
      <OctetString Value="0101000208FF" />
    </Data>
(8) .value PASSED
    <Data>
      <OctetString Value="B58124A4" />
    </Data>

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name
INAPPLICABLE
  Optional object is not implemented
(10) .value
INAPPLICABLE
  Optional object is not implemented

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name
INAPPLICABLE
  Optional object is not implemented
(12) .value
INAPPLICABLE
  Optional object is not implemented

*****
Test Case 6 : Set Clock, 1 item(s)
*****

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
      <OctetString Value="07E70614FF100000FF8000FF" />
    </Data>

*****
Test Case 7 : Get Clock, 1 item(s)
*****

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
      <OctetString Value="07E706140210000100800080" />
    </Data>

*****
Test Case 8 : Set Special Days, 1 item(s)
*****

Pre Set Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries PASSED
    <Data>
      <Array Qty="001E" >
        <Structure Qty="0003" >
          <LongUnsigned Value="001E" />
          <OctetString Value="FFFF0101FF" />
          <Unsigned Value="02" />
        </Structure>
        <Structure Qty="0003" >
          <LongUnsigned Value="001D" />
          <OctetString Value="FFFF0102FF" />
          <Unsigned Value="02" />
        </Structure>
      </Array>
    </Data>

```

```

<LongUnsigned Value="001C" />
<OctetString Value="FFFF0103FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001B" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />

```

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

```

```

*****
Test Case 9 : Get Special Days, 1 item(s)
*****

```


Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)

(1) .entries

PASSED

```

<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="001E" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001D" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001C" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001B" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001A" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0019" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0018" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0017" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0016" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0015" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0014" />
      <OctetString Value="FFFF0201FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0013" />
      <OctetString Value="FFFF0202FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0012" />
      <OctetString Value="FFFF0203FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0011" />
      <OctetString Value="FFFF0204FF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>

```

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />

```

```

        <OctetString Value="FFFF0309FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF030AFF" />
        <Unsigned Value="02" />
    </Structure>
</Array>
</Data>

*****
Test Case 10 : Read Event Log Buffers, 20 item(s)
*****

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0000636202FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 01-JUN-2023 19:40:15, latest date: 02-JUN-2023 12:25:00
    Middle date: 01-JUN-2023 19:41:17
(3) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000A" />
    </Data>
(4) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000A" />
    </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(5) .logical_name PASSED
    <Data>
        <OctetString Value="0000636200FF" />
    </Data>
(6) .buffer PASSED
    Earliest date: 20-JUN-2023 02:59:55, latest date: 20-JUN-2023 16:00:05
    Middle date: 20-JUN-2023 05:59:55
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000021" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(9) .logical_name PASSED
    <Data>
        <OctetString Value="0000636201FF" />
    </Data>
(10) .buffer PASSED
    Earliest date: 11-MAY-2023 09:44:06, latest date: 21-JUN-2023 08:48:09
    Middle date: 01-JUN-2023 19:51:53
(11) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="0000001E" />
    </Data>
(12) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="0000001E" />
    </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(13) .logical_name PASSED
    <Data>
        <OctetString Value="0000636205FF" />
    </Data>
(14) .buffer PASSED
    Earliest date: 30-MAY-2023 15:52:29, latest date: 21-JUN-2023 08:50:25

```

```

Middle date: 01-JUN-2023 19:22:34
(15) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000012" />
    </Data>
(16) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name PASSED
    <Data>
      <OctetString Value="0000636204FF" />
    </Data>
(18) .buffer PASSED
    Earliest date: 01-FEB-2022 01:01:37, latest date: 23-MAR-2023 11:31:29
    Middle date: 09-AUG-2022 00:28:50
(19) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="0000001C" />
    </Data>
(20) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>

*****
Test Case 11 : Reading Data of Billing Period 1, 8 item(s)
*****

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0000620100FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 02-JUN-2023 00:00:00, latest date: 02-JAN-2024 00:00:00
    Middle date: 02-DEC-2023 00:00:00
(3) .capture_objects PASSED
    <Data>
      <Array Qty="0005" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0003" />
          <OctetString Value="0100010801FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0003" />
          <OctetString Value="0100010802FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0003" />
          <OctetString Value="0100020801FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0003" />
          <OctetString Value="0100020802FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>

```


	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(9)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="01" />	
	</Data>	
(10)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00293809" />	
	</Data>	
(11)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	
(12)	.version	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(13)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(14)	.access_number	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(15)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(16)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
	Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)	
(17)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0002180100FF" />	
	</Data>	
(18)	.mbus_port_reference	PASSED
	<Data>	
	<OctetString Value="0000180600FF" />	
	</Data>	
(19)	.capture_definition	PASSED
	<Data>	
	<Array Qty="0002" >	
	<Structure Qty="0002" >	
	<OctetString Value="\L" />	
	<OctetString Value="933A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="8940" />	
	<OctetString Value="FD1A" />	
	</Structure>	
	</Array>	
	</Data>	
(20)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(21)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(22)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00293810" />	
	</Data>	
(23)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	

(24)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(25)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(26)	.access_number <Data> <Unsigned Value="4C" /> </Data>	PASSED
(27)	.status <Data> <Unsigned Value="04" /> </Data>	PASSED
(28)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)		
(29)	.logical_name <Data> <OctetString Value="0003180100FF" /> </Data>	PASSED
(30)	.mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data>	PASSED
(31)	.capture_definition <Data> <Array Qty="0002" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> </Array> </Data>	PASSED
(32)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(33)	.primary_address <Data> <Unsigned Value="03" /> </Data>	PASSED
(34)	.identification_number <Data> <DoubleLongUnsigned Value="00293812" /> </Data>	PASSED
(35)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(36)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(37)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(38)	.access_number <Data> <Unsigned Value="DE" /> </Data>	PASSED
(39)	.status <Data>	PASSED

	<Unsigned Value="04" />	
	</Data>	
(40)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)		
(41)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0004180100FF" />	
	</Data>	
(42)	.mbus_port_reference	PASSED
	<Data>	
	<OctetString Value="0000180600FF" />	
	</Data>	
(43)	.capture_definition	PASSED
	<Data>	
	<Array Qty="0002" >	
	<Structure Qty="0002" >	
	<OctetString Value="\L" />	
	<OctetString Value="933A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="8940" />	
	<OctetString Value="FD1A" />	
	</Structure>	
	</Array>	
	</Data>	
(44)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(45)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(46)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00293811" />	
	</Data>	
(47)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	
(48)	.version	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(49)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(50)	.access_number	PASSED
	<Data>	
	<Unsigned Value="BA" />	
	</Data>	
(51)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(52)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	

Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)		

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)		
(1)	.logical_name	PASSED
	<Data>	

	<OctetString Value="0001180201FF" />	
	</Data>	
(2) .value		PASSED
	<Data>	
	<DoubleLong Value="00000FB7" />	
	</Data>	
(3) .scaler_unit		PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(4) .status		PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(5) .capture_time		PASSED
	<Data>	
	<OctetString Value="07E70614FF10000008000FF" />	
	</Data>	
Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)		
(6) .logical_name		PASSED
	<Data>	
	<OctetString Value="0001180202FF" />	
	</Data>	
(7) .value		PASSED
	<Data>	
	<DoubleLong Value="00001513" />	
	</Data>	
(8) .scaler_unit		PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(9) .status		PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(10) .capture_time		PASSED
	<Data>	
	<OctetString Value="07E70614FF10000008000FF" />	
	</Data>	
Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)		
(11) .logical_name		PASSED
	<Data>	
	<OctetString Value="0002180201FF" />	
	</Data>	
(12) .value		PASSED
	<Data>	
	<DoubleLong Value="00000C13" />	
	</Data>	
(13) .scaler_unit		PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(14) .status		PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(15) .capture_time		PASSED
	<Data>	
	<OctetString Value="07E70614FF100001008000FF" />	
	</Data>	
Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)		

(16)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0002180202FF" />	
	</Data>	
(17)	.value	PASSED
	<Data>	
	<DoubleLong Value="00001448" />	
	</Data>	
(18)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(19)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(20)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E70614FF100001008000FF" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)		
(21)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0003180201FF" />	
	</Data>	
(22)	.value	PASSED
	<Data>	
	<DoubleLong Value="00000EF9" />	
	</Data>	
(23)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="FD" />	
	<Enum Value="0D" />	
	</Structure>	
	</Data>	
(24)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(25)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E70614FF100001008000FF" />	
	</Data>	
Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)		
(26)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0003180202FF" />	
	</Data>	
(27)	.value	PASSED
	<Data>	
	<DoubleLong Value="0000143D" />	
	</Data>	
(28)	.scaler_unit	PASSED
	<Data>	
	<Structure Qty="0002" >	
	<Integer Value="00" />	
	<Enum Value="FF" />	
	</Structure>	
	</Data>	
(29)	.status	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
(30)	.capture_time	PASSED
	<Data>	
	<OctetString Value="07E70614FF100001008000FF" />	
	</Data>	

```

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name PASSED
    <Data>
      <OctetString Value="0004180201FF" />
    </Data>
(32) .value PASSED
    <Data>
      <DoubleLong Value="00000B2B" />
    </Data>
(33) .scaler_unit PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
      </Structure>
    </Data>
(34) .status PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(35) .capture_time PASSED
    <Data>
      <OctetString Value="07E70614FF100002008000FF" />
    </Data>

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(36) .logical_name PASSED
    <Data>
      <OctetString Value="0004180202FF" />
    </Data>
(37) .value PASSED
    <Data>
      <DoubleLong Value="0000127C" />
    </Data>
(38) .scaler_unit PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="FF" />
      </Structure>
    </Data>
(39) .status PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(40) .capture_time PASSED
    <Data>
      <OctetString Value="07E70614FF100002008000FF" />
    </Data>

*****
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)
*****

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0001600100FF" />
    </Data>
(2) .value PASSED
    <Data>
      <OctetString Value="\00000540029380911" />
    </Data>

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name PASSED
    <Data>
      <OctetString Value="0002600100FF" />
    </Data>
(4) .value PASSED
    <Data>
      <OctetString Value="\00000540029381011" />
    </Data>

```

```

    </Data>

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name PASSED
    <Data>
        <OctetString Value="0003600100FF" />
    </Data>
(6) .value PASSED
    <Data>
        <OctetString Value="\00000540029381211" />
    </Data>

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(7) .logical_name PASSED
    <Data>
        <OctetString Value="0004600100FF" />
    </Data>
(8) .value PASSED
    <Data>
        <OctetString Value="\00000540029381111" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(9) .logical_name PASSED
    <Data>
        <OctetString Value="0001600101FF" />
    </Data>
(10) .value PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(11) .logical_name PASSED
    <Data>
        <OctetString Value="0002600101FF" />
    </Data>
(12) .value PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(13) .logical_name PASSED
    <Data>
        <OctetString Value="0003600101FF" />
    </Data>
(14) .value PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(15) .logical_name PASSED
    <Data>
        <OctetString Value="0004600101FF" />
    </Data>
(16) .value PASSED
    <Data>
        <OctetString Value="" />
    </Data>

*****
Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)
*****

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0001180300FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 20-JUN-2023 03:00:00, latest date: 20-JUN-2023 10:00:00

```

Middle date: 20-JUN-2023 07:00:00		
(3)	.capture_objects	PASSED
	<pre> <Data> <Array Qty="0006" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0001600A03FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0001180201FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0001180202FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0001180203FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0001180204FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data> </pre>	
(4)	.capture_period	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> </pre>	
(5)	.sort_method	PASSED
	<pre> <Data> <Enum Value="04" /> </Data> </pre>	
(6)	.sort_object	PASSED
	<pre> <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data> </pre>	
(7)	.entries_in_use	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00000008" /> </Data> </pre>	
(8)	.profile_entries	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="000000F0" /> </Data> </pre>	
Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)		
(9)	.logical_name	PASSED
	<pre> <Data> <OctetString Value="0002180300FF" /> </Data> </pre>	

(10) .buffer	Earliest date: 20-JUN-2023 03:00:00, latest date: 20-JUN-2023 10:00:00 Middle date: 20-JUN-2023 07:00:00	PASSED
(11) .capture_objects	<Data> <Array Qty="0006" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0002600A03FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180201FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180202FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180203FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0002180204FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(12) .capture_period	<Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(13) .sort_method	<Data> <Enum Value="04" /> </Data>	PASSED
(14) .sort_object	<Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(15) .entries_in_use	<Data> <DoubleLongUnsigned Value="00000008" /> </Data>	PASSED
(16) .profile_entries	<Data> <DoubleLongUnsigned Value="000000F0" /> </Data>	PASSED
Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)		
(17) .logical_name	<Data>	PASSED

```

    <OctetString Value="0003180300FF" />
  </Data>
(18) .buffer PASSED
    Earliest date: 20-JUN-2023 03:00:00, latest date: 20-JUN-2023 10:00:00
    Middle date: 20-JUN-2023 07:00:00
(19) .capture_objects PASSED
    <Data>
      <Array Qty="0006" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0003600A03FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0003180201FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0003180202FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0003180203FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0003180204FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(20) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(21) .sort_method PASSED
    <Data>
      <Enum Value="04" />
    </Data>
(22) .sort_object PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(23) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000008" />
    </Data>
(24) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000000F0" />
    </Data>

```

(25)	.logical_name <Data> <OctetString Value="0004180300FF" /> </Data>	PASSED
(26)	.buffer Earliest date: 20-JUN-2023 03:00:00, latest date: 20-JUN-2023 10:00:00 Middle date: 20-JUN-2023 07:00:00	PASSED
(27)	.capture_objects <Data> <Array Qty="0006" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0004600A03FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0004180201FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0004180202FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0004180203FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0004" /> <OctetString Value="0004180204FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data>	PASSED
(28)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(29)	.sort_method <Data> <Enum Value="04" /> </Data>	PASSED
(30)	.sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data>	PASSED
(31)	.entries_in_use <Data> <DoubleLongUnsigned Value="00000008" /> </Data>	PASSED
(32)	.profile_entries <Data> <DoubleLongUnsigned Value="000000F0" /> </Data>	PASSED


```

*****
Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)
*****

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name PASSED
    <Data>
      <OctetString Value="0001180500FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 01-FEB-2022 01:02:48, latest date: 12-AUG-2022 06:02:22
    Middle date: 12-AUG-2022 06:01:45
(3) .capture_objects PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0001600B04FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(4) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(5) .sort_method PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(6) .sort_object PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(7) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000009" />
    </Data>
(8) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(9) .logical_name PASSED
    <Data>
      <OctetString Value="0002180500FF" />
    </Data>
(10) .buffer PASSED
    Earliest date: 01-FEB-2022 01:02:57, latest date: 12-AUG-2022 06:04:42
    Middle date: 12-AUG-2022 06:04:05
(11) .capture_objects PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>

```

	<pre> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0002600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data> (12) .capture_period PASSED <Data> <DoubleLongUnsigned Value="00000000" /> </Data> (13) .sort_method PASSED <Data> <Enum Value="01" /> </Data> (14) .sort_object PASSED <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> (15) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000009" /> </Data> (16) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="00000064" /> </Data> Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963) (17) .logical_name PASSED <Data> <OctetString Value="0003180500FF" /> </Data> (18) .buffer PASSED Earliest date: 01-FEB-2022 01:03:07, latest date: 12-AUG-2022 06:07:02 Middle date: 12-AUG-2022 06:06:25 (19) .capture_objects PASSED <Data> <Array Qty="0002" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0003600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data> (20) .capture_period PASSED <Data> <DoubleLongUnsigned Value="00000000" /> </Data> (21) .sort_method PASSED <Data> <Enum Value="01" /> </Data> (22) .sort_object PASSED <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> </Data> </pre>
--	--

	<pre> <LongUnsigned Value="0000" /> </Structure> </Data> (23) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000009" /> </Data> (24) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="00000064" /> </Data> Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974) (25) .logical_name PASSED <Data> <OctetString Value="0004180500FF" /> </Data> (26) .buffer PASSED Earliest date: 01-FEB-2022 01:03:16, latest date: 12-AUG-2022 06:09:21 Middle date: 12-AUG-2022 06:08:45 (27) .capture_objects PASSED <Data> <Array Qty="0002" > <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="0004600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data> (28) .capture_period PASSED <Data> <DoubleLongUnsigned Value="00000000" /> </Data> (29) .sort_method PASSED <Data> <Enum Value="01" /> </Data> (30) .sort_object PASSED <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000000000000" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> (31) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000009" /> </Data> (32) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="00000064" /> </Data> Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989) (33) .logical_name PASSED <Data> <OctetString Value="0000636203FF" /> </Data> (34) .buffer PASSED Earliest date: 20-JUN-2023 09:23:58, latest date: 20-JUN-2023 09:28:54 Middle date: 20-JUN-2023 09:27:56 (35) .capture_objects PASSED <Data> </pre>
--	---

```

    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B03FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(36) .capture_period PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(37) .sort_method PASSED
  <Data>
    <Enum Value="01" />
  </Data>
(38) .sort_object PASSED
  <Data>
    <Structure Qty="0004" >
      <LongUnsigned Value="0000" />
      <OctetString Value="000000000000" />
      <Integer Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
(39) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000009" />
  </Data>
(40) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000064" />
  </Data>

*****
Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)
*****

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1) .logical_name PASSED
  <Data>
    <OctetString Value="0001180400FF" />
  </Data>
(2) .output_state PASSED
  <Data>
    <Boolean Value="01" />
  </Data>
(3) .control_state PASSED
  <Data>
    <Enum Value="00" />
  </Data>
(4) .control_mode PASSED
  <Data>
    <Enum Value="04" />
  </Data>

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(5) .logical_name PASSED
  <Data>
    <OctetString Value="0002180400FF" />
  </Data>
(6) .output_state PASSED
  <Data>
    <Boolean Value="01" />
  </Data>
(7) .control_state PASSED

```



```

    <OctetString Value="00010A006AFF" />
  </Data>
(22) .scripts PASSED
  <Data>
    <Array Qty="0010" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="03" />
            <Enum Value="02" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0002" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="03" />
            <Enum Value="01" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0003" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="03" />
            <Enum Value="02" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0004" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="03" />
            <Enum Value="01" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0005" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="03" />
            <Enum Value="02" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0006" />
        <Array Qty="0001" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="03" />
          </Structure>
        </Array>
      </Structure>
    </Array>
  </Data>

```

```

        <Enum Value="01" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0007" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0004180400FF" />
            <Integer Value="03" />
            <Enum Value="02" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0008" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0004180400FF" />
            <Integer Value="03" />
            <Enum Value="01" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0009" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000A" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000B" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000C" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>

```

```

        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000D" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000E" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0003180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000F" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0004180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0010" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0004180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>

```

 Test Case 18 : FIT Push, 3 item(s)

- (1) Push on installation PASSED
- (2) Push on alarm PASSED
- (3) Push on power down

INAPPLICABLE
 Push setup on power down not available

 Test Case 19 : FIT Miscellaneous, 4 item(s)

- (1) Disconnecter Script Table PASSED
- (2) Load profile with period 1 DST ambiguity PASSED
- (3) Load profile power down withing one period PASSED
- (4) Load profile power down over two periods PASSED

 * CTI *


```

*****

//*****
//* CTI Shenzhen Clou GPRS *
//*****

// Conformance Test Information (CTI) Template
// 2.3

Manufacturer = {
  Name = '\Shenzhen Clou Electronics Co. Ltd.'
  ThreeLettersId = '\CLE'
}

DeviceUnderTest = {

  Type = '\CL730S24'
  IDISDeviceType = 103
  IDISFunctionType = [Extension_D,Extension_L,Extension_M]
  SerialNr = 22090011
  IPVersion = IPv6
  DataLinkLayer = G3
  EUI64Address = "0000110009220703"
  ConsumerInformationPush = FALSE
  SMSsupported = FALSE
  ClipCallSupported = FALSE
}

TestOptions = {
  PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel = {
  // Optional objects implemented
  OptionalObjects = '\
+ '1-0:0.9.1.255|1,' // Local Time (@86)
+ '1-0:0.9.2.255|1,' // Local Date (@90)
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3' // Reactive energy (QIV) rate 4 (@696)

InstanceExtraInfo = {
  // Predefined Scripts - MDI reset / end of billing period (@147)
  LogicalName = '0-0:10.0.1.255'
  ClassId = 9
  AttributeExtraInfo = {
    // scripts
    AttributeId = 2
    AccessRights = [GET]
  }
}

InstanceExtraInfo = {
  // Predefined Scripts - Image activation (@407)
  LogicalName = '0-0:10.0.107.255'
  ClassId = 9
  AttributeExtraInfo = {
    // scripts

```

```

        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo =
{
    LogicalName = '0-0:29.1.0.255'
    ClassId = 91
    Version = 1

    AttributeExtraInfo =
    {
        AttributeId = 5
        SetData = '\ ' +
            '<Data>' +
            ' <Array Qty = "01">' +
            '   <Structure Qty = "02">' +
            '     <Unsigned Value = "01" />' +
            '     <OctetString Value = "00000000000000000000000000000000"/>' +
            '   </Structure>' +
            ' </Array>' +
            '</Data>'
        AccessRights = [SET]
    }
}

InstanceExtraInfo = {
// Set value for Consumer Message Text
LogicalName = '0-0:96.13.0.255'
ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07E70614FF10000FF800FF" /></Data>' // yyyy mm
dd dow hh mm ss
    }
}

InstanceExtraInfo = {
// Set special days to 30 entries
LogicalName = '0-0:11.0.0.255'
ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+'   <Array Qty="1E" >'
+'     <Structure Qty="03" >'
+'       <LongUnsigned Value="001E" />'
+'       <OctetString Value="FFFF0101FF" />'
+'       <Unsigned Value="02" />'
+'     </Structure>'
+'     <Structure Qty="03" >'
+'       <LongUnsigned Value="001D" />'
+'       <OctetString Value="FFFF0102FF" />'
+'       <Unsigned Value="02" />'
+'     </Structure>'
+'     <Structure Qty="03" >'
+'       <LongUnsigned Value="001C" />'
+'       <OctetString Value="FFFF0103FF" />'
+'       <Unsigned Value="02" />'
+'     </Structure>'
+'     <Structure Qty="03" >'
+'       <LongUnsigned Value="001B" />'
+'       <OctetString Value="FFFF0104FF" />'
+'     </Structure>'
    }
}

```

```

+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="001A" />'
+'        <OctetString Value="FFFF0105FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0019" />'
+'      <OctetString Value="FFFF0106FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0018" />'
+'    <OctetString Value="FFFF0107FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0017" />'
+'   <OctetString Value="FFFF0108FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0016" />'
+'   <OctetString Value="FFFF0109FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0015" />'
+'   <OctetString Value="FFFF010AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0014" />'
+'   <OctetString Value="FFFF0201FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0013" />'
+'   <OctetString Value="FFFF0202FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0012" />'
+'   <OctetString Value="FFFF0203FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0011" />'
+'   <OctetString Value="FFFF0204FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0010" />'
+'   <OctetString Value="FFFF0205FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="000F" />'
+'   <OctetString Value="FFFF0206FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="000E" />'
+'   <OctetString Value="FFFF0207FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="000D" />'
+'   <OctetString Value="FFFF0208FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'

```

```

+'          <LongUnsigned Value="000C" />'
+'          <OctetString Value="FFFF0209FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000B" />'
+'        <OctetString Value="FFFF020AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="000A" />'
+'      <OctetString Value="FFFF0301FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0009" />'
+'    <OctetString Value="FFFF0302FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0008" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0007" />'
+'   <OctetString Value="FFFF0304FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0006" />'
+'   <OctetString Value="FFFF0305FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0005" />'
+'   <OctetString Value="FFFF0306FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0004" />'
+'   <OctetString Value="FFFF0307FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0003" />'
+'   <OctetString Value="FFFF0308FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0002" />'
+'   <OctetString Value="FFFF0309FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF030AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' </Array>'
+' </Data>'
+'
+' }
+'
+' }

```

```

TestParameters = {
    ConnectDisconnectDelay = 5000
    ClientSystemTitle = '58585A0102030405'

    ImageTransfer = {

```

```

    ImageIdentifier = '\CJ40_YD3_S24_01'
    ImageFileName   = '\CJ40_YD3_S24_01-9999-20990324.bin'
    Timeout         = 240000
}

PushTimeout = 60000
MinInterWPDUFramesDelay = 2000
ProfilePeriodsQty = 6
CaptureDelay = 10000
ClipCallDuration = 12000

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 10000
DataNotificationToDisconnectDelay = 4000
}

LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES
        MechanismName = LOW_LEVEL_SECURITY
        Policy = NO_SECURITY
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY
        ServerMaxReceivePduSize = 1224
        CipheringStyle = GENERAL
    }
}

RemoteSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1224
        CipheringStyle = GENERAL
    }
}

SMSSecurityElements = {
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePDUSize = 138
        CipheringStyle = GENERAL
    }
}

HDLCPProfile = {
    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 9600
    }
    DataLinkLayer = {
        InactivityTimeout = 12000
    }
}

```

```

    InterFrameTimeout      = 100
    ResponseTimeout        = 3000
    DISCToNDMTimeout       = 3000
    AddressingSchemes       = [FOUR_BYTES_ADDRESSING]
    ServerLowerMACAddress   = 0x271A
    LastRecToNextSendDelay = 0
}

UIFrameDelay = 2000

UIFrameLength = 126

}

TCPPProfile = {
    ServerTCPPort = 4059
    ResponseTimeout = 120000
    ConnectTimeout = 30000
    DisconnectToConnectDelay = 5000
}

G3PLCProfile = {
    FrequencyBand = FCC
    ResponseTimeout = 30000
    UDPPort = 61616
    ConnectTimeout = 15000
    PSK = "23964e2748a5d6032f9135766308b069"
}

// END CTI_Template

*****
* Miscellaneous *
*****

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       434C45677151111B
Run number:             2169

```