

Final Interoperability Test Report

FIT #: **68**
 Date: 11/12/2021
 Location: DNV-GL,Arnhem, Netherlands
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APPLICANT

Company: Ningbo Sanxing Smart Electric Co., Ltd

Address: No.16 Fengwan Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, 315034, China

DEVICE		
Device type	S12U16	
Type indication on MID certificate		MID Certificate No.
S12U16		1512-21
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	1630	8C8F39E84AA9F554DEED1060B2BD2529
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>	0046	<input checked="" type="checkbox"/>
General information about the device		

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 668
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\E.S12U16.SE.00 3373.V0.00.07			

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #68

Device: Ningbo Sanxing S12U16

DNV-GL, Arnhem, Netherlands, 07.01.2022

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\E.S12U16.SE.00 3373.V0.00.07			68	

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
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	
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	
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
FIT Conformance Test Report		
<pre> ***** IDIS Conformance test report 12-NOV-2021 13:06:44 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Ningbo Sanxing Smart Electric Co.,Ltd' ThreeLettersId = '\AUX' } DeviceUnderTest = { Type = '\S12U16' IDISDeviceType = 102 IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M] SerialNr = 20211110 IPVersion = IPV6 DataLinkLayer = G3 ConsumerInformationPush = FALSE EUI64Address = '0000000020211110' SMSSupported = FALSE ClipCallSupported = FALSE } Active firmware identifier (1-0:0.2.0.255) = \E.S12U16.SE.003373.V0.00.07 ***** * Summary * ***** PASSED 262 FAILED 0 DISABLED 0 INAPPLICABLE 11 INCONCLUSIVE 0 </pre>		

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="\20211110" />		
</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="\002" />		
</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="\003" />		
</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="\004" />		
</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="\005" />		
</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="\Device ID6" />		

```

</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="\AUX1020720211110" />
    </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="\AUX1020720211110" />
    </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="\E.S12U16.SE.003373.V0.00.07" />
    </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="EB63" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name
INAPPLICABLE
    Optional object is not implemented
(6) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name
INAPPLICABLE
    Optional object is not implemented
(8) .value
INAPPLICABLE

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Optional object is not implemented

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="07E50B0CFF0F0000FF8000FF" />
  </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="07E50B0C050F0001FFFFC400" />
  </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="0001" />
  <OctetString Value="FFFF0101FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <OctetString Value="FFFF0102FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0103FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0006" />

```

```

    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0007" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0008" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0009" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000A" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000B" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000C" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>

```

```

<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001B" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <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="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0002" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0003" />

```



```

    <OctetString Value="FFFF0103FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0004" />
    <OctetString Value="FFFF0104FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="FFFF0105FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0006" />
    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0007" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0008" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0009" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000A" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000B" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000C" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>

```

```

<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001B" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</_Data>

```

```

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

```

(1) .logical_name	PASSED
<Data>	
<OctetString Value="0000636202FF" />	
</Data>	
(2) .buffer	PASSED
Earliest date: 12-NOV-2021 11:13:35, latest date: 12-NOV-2021 11:14:53	
Middle date: 12-NOV-2021 11:13:48	
(3) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned Value="00000006" />	
</Data>	
(4) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned Value="0000001E" />	
</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: 01-JAN-2021 23:59:55, latest date: 12-NOV-2021 15:00:03	
Middle date: 12-NOV-2021 14:00:26	
(7) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned Value="00000064" />	
</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-2021 10:50:52, latest date: 12-NOV-2021 14:21:40	
Middle date: 12-NOV-2021 11:08:47	
(11) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned Value="00000007" />	
</Data>	
(12) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned Value="00000064" />	
</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: 12-NOV-2021 11:16:07, latest date: 12-NOV-2021 14:21:42	
Middle date: 12-NOV-2021 11:26:31	
(15) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned Value="00000064" />	
</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: 12-NOV-2021 11:10:25, latest date: 12-NOV-2021 11:13:31
Middle date: 12-NOV-2021 11:12:26
(19) .entries_in_use PASSED
  <Data>
    <DoubleLongUnsigned Value="00000006" />
  </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: 01-FEB-2021 00:00:00, latest date: 01-DEC-2021 00:00:00
  Middle date: 01-OCT-2021 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>
  </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="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>

```

<pre> </Structure> </Data> (7) .entries_in_use <Data> <DoubleLongUnsigned Value="00000008" /> </Data> (8) .profile_entries <Data> <DoubleLongUnsigned Value="0000000D" /> </Data> </pre>	<p>PASSED</p> <p>PASSED</p>
<p>***** Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s) *****</p>	
<pre> Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566) (1) .logical_name <Data> <OctetString Value="0000180600FF" /> </Data> (2) .comm_speed <Data> <Enum Value="03" /> </Data> </pre>	<p>PASSED</p> <p>PASSED</p>
<pre> Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570) (3) .logical_name INAPPLICABLE Optional object is not implemented (4) .comm_speed INAPPLICABLE Optional object is not implemented </pre>	
<pre> Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574) (5) .logical_name <Data> <OctetString Value="0001180100FF" /> </Data> (6) .mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data> (7) .capture_definition <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> </Array> </Data> </pre>	<p>PASSED</p> <p>PASSED</p> <p>PASSED</p>
<pre> (8) .capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> (9) .primary_address <Data> <Unsigned Value="01" /> </Data> (10) .identification_number <Data> </pre>	<p>PASSED</p> <p>PASSED</p> <p>PASSED</p>

	<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="8D" />	
	</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>	
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	<Structure Qty="0002" >	
	<OctetString Value="\L" />	
	<OctetString Value="933A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="8940" />	
	<OctetString Value="FD1A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="0000000000000000" />	
	<OctetString Value="0000000000000000" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="0000000000000000" />	
	<OctetString Value="0000000000000000" />	
	</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	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(25)	.device_type	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(26)	.access_number	PASSED
	<Data>	
	<Unsigned Value="89" />	
	</Data>	
(27)	.status	PASSED
	<Data>	
	<Unsigned Value="04" />	
	</Data>	
(28)	.alarm	PASSED
	<Data>	
	<Unsigned Value="00" />	
	</Data>	
Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)		
(29)	.logical_name	PASSED
	<Data>	
	<OctetString Value="0003180100FF" />	
	</Data>	
(30)	.mbus_port_reference	PASSED
	<Data>	
	<OctetString Value="0000180600FF" />	
	</Data>	
(31)	.capture_definition	PASSED
	<Data>	
	<Array Qty="0004" >	
	<Structure Qty="0002" >	
	<OctetString Value="\L" />	
	<OctetString Value="933A" />	
	</Structure>	
	<Structure Qty="0002" >	
	<OctetString Value="8940" />	
	<OctetString Value="FD1A" />	
	</Structure>	
	<Structure Qty="0002" >	
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	</Structure>	
	</Array>	
	</Data>	
(32)	.capture_period	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000E10" />	
	</Data>	
(33)	.primary_address	PASSED
	<Data>	
	<Unsigned Value="03" />	
	</Data>	
(34)	.identification_number	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00293812" />	
	</Data>	
(35)	.manufacturer_id	PASSED
	<Data>	
	<LongUnsigned Value="19AC" />	
	</Data>	
(36)	.version	PASSED
	<Data>	
	<Unsigned Value="02" />	
	</Data>	
(37)	.device_type	PASSED
	<Data>	

	<Unsigned Value="03" /> </Data>	
(38)	.access_number <Data> <Unsigned Value="78" /> </Data>	PASSED
(39)	.status <Data> <Unsigned Value="04" /> </Data>	PASSED
(40)	.alarm <Data> <Unsigned Value="00" /> </Data>	PASSED
Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)		
(41)	.logical_name <Data> <OctetString Value="0004180100FF" /> </Data>	PASSED
(42)	.mbus_port_reference <Data> <OctetString Value="0000180600FF" /> </Data>	PASSED
(43)	.capture_definition <Data> <Array Qty="0004" > <Structure Qty="0002" > <OctetString Value="\L" /> <OctetString Value="933A" /> </Structure> <Structure Qty="0002" > <OctetString Value="8940" /> <OctetString Value="FD1A" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> <Structure Qty="0002" > <OctetString Value="0000000000000000" /> <OctetString Value="0000000000000000" /> </Structure> </Array> </Data>	PASSED
(44)	.capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data>	PASSED
(45)	.primary_address <Data> <Unsigned Value="04" /> </Data>	PASSED
(46)	.identification_number <Data> <DoubleLongUnsigned Value="00293811" /> </Data>	PASSED
(47)	.manufacturer_id <Data> <LongUnsigned Value="19AC" /> </Data>	PASSED
(48)	.version <Data> <Unsigned Value="02" /> </Data>	PASSED
(49)	.device_type <Data> <Unsigned Value="03" /> </Data>	PASSED
(50)	.access_number <Data> <Unsigned Value="A9" /> </Data>	PASSED

(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>	
<DoubleLongUnsigned Value="00000F3D" />	
</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="07E50B0C050E1300FFFFC400" />	
</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>	
<DoubleLongUnsigned Value="91CF1201" />	
</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="07E50B0C050E1300FFFFC400" />	
</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>	
<DoubleLongUnsigned Value="00000B4F" />	
</Data>	
(13) .scaler_unit	PASSED

	<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>	
(14)	.status	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
(15)	.capture_time	PASSED
	<pre> <Data> <OctetString Value="07E50B0C050E1301FFFFC400" /> </Data> </pre>	
Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)		
(16)	.logical_name	PASSED
	<pre> <Data> <OctetString Value="0002180202FF" /> </Data> </pre>	
(17)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="A1F61201" /> </Data> </pre>	
(18)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data> </pre>	
(19)	.status	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
(20)	.capture_time	PASSED
	<pre> <Data> <OctetString Value="07E50B0C050E1301FFFFC400" /> </Data> </pre>	
Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)		
(21)	.logical_name	PASSED
	<pre> <Data> <OctetString Value="0003180201FF" /> </Data> </pre>	
(22)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="00000E42" /> </Data> </pre>	
(23)	.scaler_unit	PASSED
	<pre> <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data> </pre>	
(24)	.status	PASSED
	<pre> <Data> <Unsigned Value="00" /> </Data> </pre>	
(25)	.capture_time	PASSED
	<pre> <Data> <OctetString Value="07E50B0C050E1301FFFFC400" /> </Data> </pre>	
Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)		
(26)	.logical_name	PASSED
	<pre> <Data> <OctetString Value="0003180202FF" /> </Data> </pre>	
(27)	.value	PASSED
	<pre> <Data> <DoubleLongUnsigned Value="B11D1301" /> </pre>	

	</Data>	
(28)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data>	PASSED
(29)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(30)	.capture_time <Data> <OctetString Value="07E50B0C050E1301FFFFC400" /> </Data>	PASSED
Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)		
(31)	.logical_name <Data> <OctetString Value="0004180201FF" /> </Data>	PASSED
(32)	.value <Data> <DoubleLongUnsigned Value="00000A8E" /> </Data>	PASSED
(33)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="FD" /> <Enum Value="0D" /> </Structure> </Data>	PASSED
(34)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(35)	.capture_time <Data> <OctetString Value="07E50B0C050E1302FFFFC400" /> </Data>	PASSED
Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)		
(36)	.logical_name <Data> <OctetString Value="0004180202FF" /> </Data>	PASSED
(37)	.value <Data> <DoubleLongUnsigned Value="C1441301" /> </Data>	PASSED
(38)	.scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="FF" /> </Structure> </Data>	PASSED
(39)	.status <Data> <Unsigned Value="00" /> </Data>	PASSED
(40)	.capture_time <Data> <OctetString Value="07E50B0C050E1302FFFFC400" /> </Data>	PASSED
***** 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

(16) .value	PASSED
<pre> <Data> <OctetString Value="" /> </Data> </pre>	
<pre> ***** Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s) ***** </pre>	
<pre> Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838) </pre>	
(1) .logical_name	PASSED
<pre> <Data> <OctetString Value="0001180300FF" /> </Data> </pre>	
(2) .buffer	PASSED
<pre> Earliest date: 02-JAN-2021 00:00:00, latest date: 12-NOV-2021 15:00:00 Middle date: 02-JAN-2021 04:00:00 </pre>	
(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="01" /> </Data> </pre>	
(6) .sort_object	PASSED
<pre> <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </pre>	

<pre> </Structure> </Data> (7) .entries_in_use <Data> <DoubleLongUnsigned Value="0000000A" /> </Data> (8) .profile_entries <Data> <DoubleLongUnsigned Value="000003E8" /> </Data> Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849) (9) .logical_name <Data> <OctetString Value="0002180300FF" /> </Data> (10) .buffer Earliest date: 02-JAN-2021 00:00:00, latest date: 12-NOV-2021 15:00:00 Middle date: 02-JAN-2021 04:00:00 (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> (12) .capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> (13) .sort_method <Data> <Enum Value="01" /> </Data> (14) .sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> </Structure> </Data> </pre>			PASSED
<pre> </Data> (7) .entries_in_use <Data> <DoubleLongUnsigned Value="0000000A" /> </Data> (8) .profile_entries <Data> <DoubleLongUnsigned Value="000003E8" /> </Data> Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849) (9) .logical_name <Data> <OctetString Value="0002180300FF" /> </Data> (10) .buffer Earliest date: 02-JAN-2021 00:00:00, latest date: 12-NOV-2021 15:00:00 Middle date: 02-JAN-2021 04:00:00 (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> (12) .capture_period <Data> <DoubleLongUnsigned Value="00000E10" /> </Data> (13) .sort_method <Data> <Enum Value="01" /> </Data> (14) .sort_object <Data> <Structure Qty="0004" > <LongUnsigned Value="0008" /> <OctetString Value="0000010000FF" /> </Structure> </Data> </pre>			PASSED

	<pre> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Data> (15) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="0000000A" /> </Data> (16) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="000003E8" /> </Data> Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860) (17) .logical_name PASSED <Data> <OctetString Value="0003180300FF" /> </Data> (18) .buffer PASSED Earliest date: 02-JAN-2021 00:00:00, latest date: 12-NOV-2021 15:00:00 Middle date: 02-JAN-2021 04:00:00 (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="01" /> </Data> (22) .sort_object PASSED <Data> <Structure Qty="0004" > </pre>
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    <Data>
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        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(31) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="0000000A" />
    </Data>
(32) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="000003E8" />
    </Data>

*****
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: 12-NOV-2021 11:15:55, latest date: 12-NOV-2021 11:16:08
    Middle date: 12-NOV-2021 11:16:04
(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="000700000008" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(7) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="00000006" />
    </Data>
(8) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="0000001E" />
    </Data>

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)

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(9) .logical_name	PASSED
<pre> <Data> <OctetString Value="0002180500FF" /> </Data> </pre>	
(10) .buffer	PASSED
<pre> Earliest date: 12-NOV-2021 11:16:14, latest date: 12-NOV-2021 11:17:25 Middle date: 12-NOV-2021 11:17:21 </pre>	
(11) .capture_objects	PASSED
<pre> <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="0002600B04FF" /> <Integer Value="02" /> <LongUnsigned Value="0000" /> </Structure> </Array> </Data> </pre>	
(12) .capture_period	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </Data> </pre>	
(13) .sort_method	PASSED
<pre> <Data> <Enum Value="01" /> </Data> </pre>	
(14) .sort_object	PASSED
<pre> <Data> <Structure Qty="0004" > <LongUnsigned Value="0000" /> <OctetString Value="000800000009" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> </pre>	
(15) .entries_in_use	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000006" /> </Data> </pre>	
(16) .profile_entries	PASSED
<pre> <Data> <DoubleLongUnsigned Value="0000001E" /> </Data> </pre>	
Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)	
(17) .logical_name	PASSED
<pre> <Data> <OctetString Value="0003180500FF" /> </Data> </pre>	
(18) .buffer	PASSED
<pre> Earliest date: 12-NOV-2021 11:16:24, latest date: 12-NOV-2021 11:17:35 Middle date: 12-NOV-2021 11:17:31 </pre>	
(19) .capture_objects	PASSED
<pre> <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> </pre>	

	</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="00090000000A" />	
	<Integer Value="00" />	
	<LongUnsigned Value="1E10" />	
	</Structure>	
	</Data>	
(23)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000006" />	
	</Data>	
(24)	.profile_entries	PASSED
	<Data>	
	<DoubleLongUnsigned Value="0000001E" />	
	</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: 12-NOV-2021 11:16:34, latest date: 12-NOV-2021 11:16:47	
	Middle date: 12-NOV-2021 11:16:43	
(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="000A00101E00" />	
	<Integer Value="CB" />	
	<LongUnsigned Value="00A8" />	
	</Structure>	
	</Data>	
(31)	.entries_in_use	PASSED
	<Data>	
	<DoubleLongUnsigned Value="00000006" />	

<pre> </Data> (32) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="0000001E" /> </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: 11-MAY-2021 10:51:20, latest date: 12-NOV-2021 14:21:44 Middle date: 12-NOV-2021 11:50:37 (35) .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="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="000600000007" /> <Integer Value="00" /> <LongUnsigned Value="0000" /> </Structure> </Data> (39) .entries_in_use PASSED <Data> <DoubleLongUnsigned Value="00000017" /> </Data> (40) .profile_entries PASSED <Data> <DoubleLongUnsigned Value="0000001E" /> </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="00" /> </Data> (3) .control_state PASSED <Data> <Enum Value="02" /> </pre>	
--	--

```

        </Data>
(4) .control_mode PASSED
    <Data>
        <Enum Value="06" />
    </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="00" />
    </Data>
(7) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(8) .control_mode PASSED
    <Data>
        <Enum Value="06" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(9) .logical_name PASSED
    <Data>
        <OctetString Value="0003180400FF" />
    </Data>
(10) .output_state PASSED
    <Data>
        <Boolean Value="00" />
    </Data>
(11) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(12) .control_mode PASSED
    <Data>
        <Enum Value="06" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(13) .logical_name PASSED
    <Data>
        <OctetString Value="0004180400FF" />
    </Data>
(14) .output_state PASSED
    <Data>
        <Boolean Value="00" />
    </Data>
(15) .control_state PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(16) .control_mode PASSED
    <Data>
        <Enum Value="06" />
    </Data>

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(17) .logical_name PASSED
    <Data>
        <OctetString Value="00010F0001FF" />
    </Data>
(18) .executed_script PASSED
    <Data>
        <Structure Qty="0002" >
            <OctetString Value="00010A006AFF" />
            <LongUnsigned Value="0009" />
        </Structure>
    </Data>
(19) .type PASSED

```

```

    <Data>
      <Enum Value="01" />
    </Data>
(20) .execution_time PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <OctetString Value="FFFFFFFF" />
          <OctetString Value="FFFFFFFF" />
        </Structure>
      </Array>
    </Data>

Mngmt Get M-Bus Disconnecter script table 0-1:10.0.106.255 (@1920)
(21) .logical_name PASSED
    <Data>
      <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" />
            <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 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 *
*****

// Conformance Test Information (CTI) Template

Manufacturer = {
    Name = '\Ningbo Sanxing Smart Electric Co.,Ltd'
    ThreeLettersId = '\AUX'
}

DeviceUnderTest = {
    Type = '\S12U16'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D, Extension_L, Extension_M]
    SerialNr = 20211110
    IPVersion = IPv6
    DataLinkLayer = G3
    ConsumerInformationPush = FALSE
    EUI64Address = "0000000020211110"

    SMSSupported = FALSE
    ClipCallSupported = FALSE
}

TestOptions = {
    DUTTelNr = '\+31658021896'
    PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel = {
    // Optional objects implemented
    OptionalObjects = ''

    //Class 91 attribute 5.
    InstanceExtraInfo = {
        // G3-PLC MAC Setup (1277)
        LogicalName = '0-0:29.1.0.255'
        ClassId = 91
        AttributeExtraInfo = {
            //mac_key_table
            AttributeId = 5
            SetData = '\<Data>'
+'          <Array Qty="01" >'
+'            <Structure Qty="02" >'
+'              <Unsigned Value="01" />'
+'              <OctetString Value="FD9175FB0E0C0000726000003C9E8A04" />'
+'            </Structure>'
+'          </Array>'
+'        </Data>'
        }
    }
}

// Set value for Consumer Message Text
InstanceExtraInfo = {
    LogicalName = '0-0:96.13.0.255'
}

```

```

        ClassId = 1
        AttributeExtraInfo = {
            AttributeId = 2
            SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
        }
    }

InstanceExtraInfo = {
    // Current association (@9)
    LogicalName = '0-0:40.0.0.255'
    ClassId = 15
    AttributeExtraInfo = {
        // secret
        AttributeId = 7
        AccessRights = [SET]
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>' // set
data for secret.
    }
}

InstanceExtraInfo = {
    LogicalName = '0-1:96.3.10.255'
    ClassId = 70
    AttributeExtraInfo = {
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Predefined Scripts - Image activation (@407)
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07E50B0CFF0F0000FF8000FF" /></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="0001" />'
+'          <OctetString Value="FFFF0101FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'        <Structure Qty="03" >'
+'          <LongUnsigned Value="0002" />'
+'          <OctetString Value="FFFF0102FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'        <Structure Qty="03" >'
+'          <LongUnsigned Value="0003" />'
+'          <OctetString Value="FFFF0103FF" />'
+'          <Unsigned Value="02" />'
+'      </Array>'
    }
}

```

```

+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0004" />'
+'        <OctetString Value="FFFF0104FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0005" />'
+'        <OctetString Value="FFFF0105FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0006" />'
+'        <OctetString Value="FFFF0106FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0007" />'
+'        <OctetString Value="FFFF0107FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0008" />'
+'        <OctetString Value="FFFF0108FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0009" />'
+'        <OctetString Value="FFFF0109FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000A" />'
+'        <OctetString Value="FFFF010AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000B" />'
+'        <OctetString Value="FFFF0201FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000C" />'
+'        <OctetString Value="FFFF0202FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000D" />'
+'        <OctetString Value="FFFF0203FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000E" />'
+'        <OctetString Value="FFFF0204FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="000F" />'
+'        <OctetString Value="FFFF0205FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0010" />'
+'        <OctetString Value="FFFF0206FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0011" />'
+'        <OctetString Value="FFFF0207FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0012" />'

```

```

+'          <OctetString Value="FFFF0208FF" />'
+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0013" />'
+'        <OctetString Value="FFFF0209FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0014" />'
+'      <OctetString Value="FFFF020AFF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0015" />'
+'    <OctetString Value="FFFF0301FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0016" />'
+'   <OctetString Value="FFFF0302FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0017" />'
+'   <OctetString Value="FFFF0303FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0018" />'
+'   <OctetString Value="FFFF0304FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0019" />'
+'   <OctetString Value="FFFF0305FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001A" />'
+'   <OctetString Value="FFFF0306FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001B" />'
+'   <OctetString Value="FFFF0307FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001C" />'
+'   <OctetString Value="FFFF0308FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001D" />'
+'   <OctetString Value="FFFF0309FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="001E" />'
+'   <OctetString Value="FFFF030AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' </Array>'
+' </Data>'
}
}
}

```

```

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

```

```

ImageTransfer = {
  ImageIdentifier = '\E.S12U16.SE.003373.V0.00.07'
  ImageFileName = '\E.S12U16.SE.003373.V0.00.07.bin'
  Timeout = 150000
}

PushTimeout = 60000
MinInterWPDUFramesDelay = 1600
ProfilePeriodsQty = 6
CaptureDelay = 15000
ClipCallDuration = 20000

AutoConnect = {
  Repetitions = 0
  RepetitionDelay = 0
}

PushSetup = {
  NumberOfRetries = 1
  RepetitionDelay = 30
}

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 10000
DataNotificationToDisconnectDelay = 4000
}

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 = 1200
    CipheringStyle = GENERAL
  }
}

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 = 1200
    CipheringStyle = GENERAL
  }
}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 138
  }
}

```

```

    CipherringStyle = GENERAL
  }
}

HDLCPProfile = {
  PhysicalLayer = {
    OpeningMode = MODE_E
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout = 120000
    InterFrameTimeout = 1000
    ResponseTimeout = 4000
    DISCToNDMTimeout = 4000
    AddressingSchemes = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress = 17
  }
}

TCPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 30000
  ConnectTimeout = 5000
  DisconnectToConnectDelay = 3000
}

G3PLCProfile = {
  ResponseTimeout = 40000
  FrequencyBand = CENELEC_A
  ConnectTimeout = 15000
  UDPPort = 61616
  PSK = "0f0e0d0c0b0a09080706050403020100"
}

// 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:   41555866713465A6
Run number:         1630

```