

How to configure Landis+Gyr E350 or E450 or ZMY410 in the MAP120 tool

Configure the Landis+Gyr E350, E450 or ZMY410 meter in the MAP tool so that it sends the Reduxi standard telegram.

🔧 Landis+Gyr E350 · E450 · ZMY410

🔧 Landis+Gyr MAP120 tool 📡 DLMS push on I1

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1 Basic structure and tool

1.1 Use the Reduxi standard telegram structure

To configure the Landis+Gyr E350, E450 or ZMY410 meter, use the basic structure described in **Reduxi standard telegram structure for Landis+Gyr E350/E450 DLMS push on I1**.

Reduxi needs only one telegram with the data defined in **Reduxi standard telegram structure for Landis+Gyr E350/E450 DLMS push on I1**.

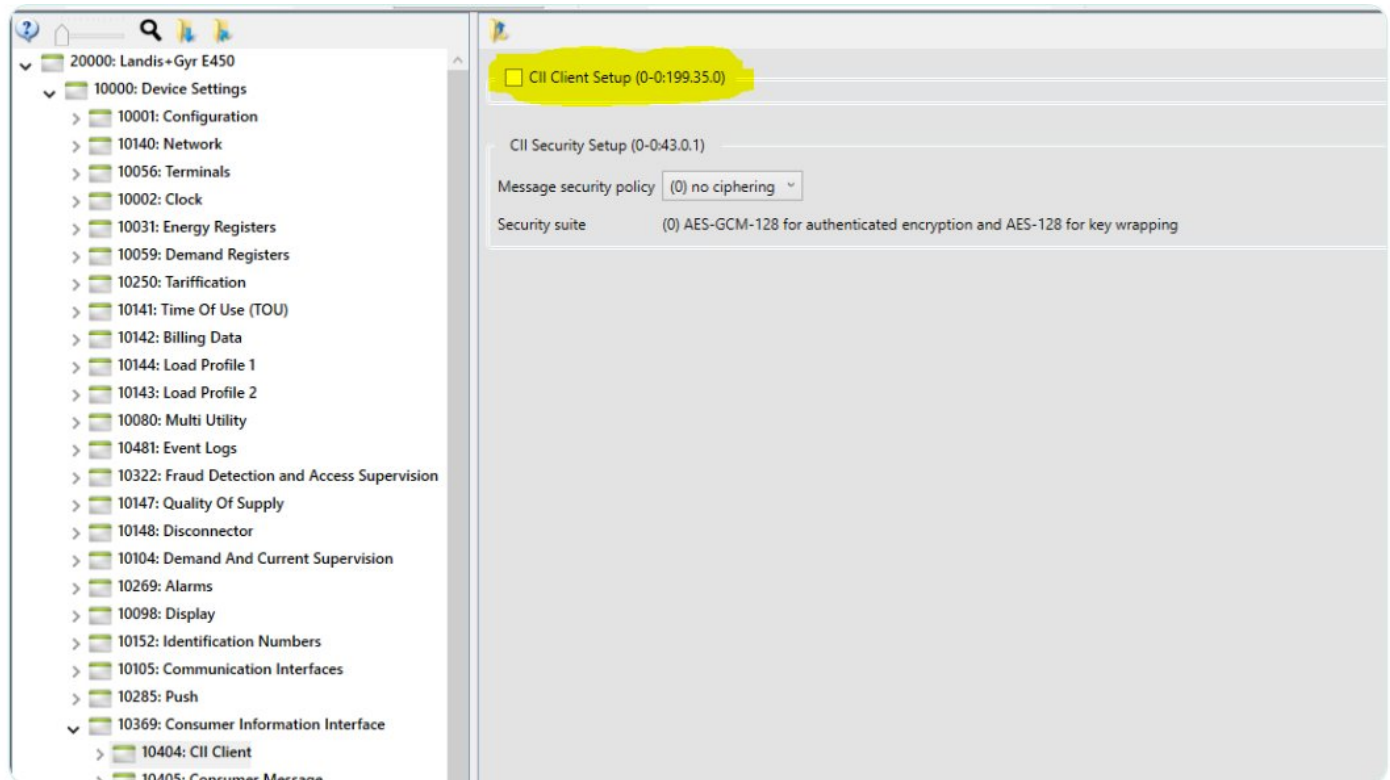
1.2 Configure the meter in the Landis+Gyr MAP tool

Configure the meter in the [Landis+Gyr MAP](#) tool. The next sections follow the settings in the MAP120 tool, one after another.

2 Enable CII Client Setup

2.1 Enable CII Client Setup

Enable **CII Client Setup**.



CII Client Setup in the MAP120 tool

2.2 Select no ciphering

When you enable CII Client Setup, select **no ciphering**.

☒ CII Client Setup (0-0:199.35.0)

Application Process ID 103

Type pre-established

Message Security (255) according to CII message security policy

CII Security Setup (0-0:43.0.1)

Message security policy (0) no ciphering

Security suite (0) AES-GCM-128 for authenticated encryption and AES-128 for key wrapping

No ciphering selected

3 Customer Information Interface

3.1 Customer Information Interface

Set the **Customer Information Interface** as shown in the screenshot.

- > 10328: Rated Energy Registers
- > 10059: Demand Registers
- > 10250: Tariffication
- > 10141: Time Of Use (TOU)
- > 10142: Billing Data
- > 10144: Load Profile 1
- > 10143: Load Profile 2
- > 10080: Multi Utility
- > 10481: Event Logs
- > 10322: Fraud Detection and Access Supervision
- > 10147: Quality Of Supply
- > 10148: Disconnecter
- ✓ 10104: Demand And Current Supervision
 - > 10149: Demand Supervision
 - > 10150: Fuse Supervision
- > 10269: Alarms
- > 10098: Display
- > 10152: Identification Numbers
- ✓ 10105: Communication Interfaces
 - > 10177: Service Communication
 - > 10178: Local Communication
 - > 10334: Consumer Information Interface
 - > 10179: Remote Communication
- > 10285: Push

Optical Interface (0-1:22.0.0)

Transmission Speed 9600 bps

HDLC Transmit Buffer Size 128 bytes

Wired M-Bus Interface (0-2:22.0.0)

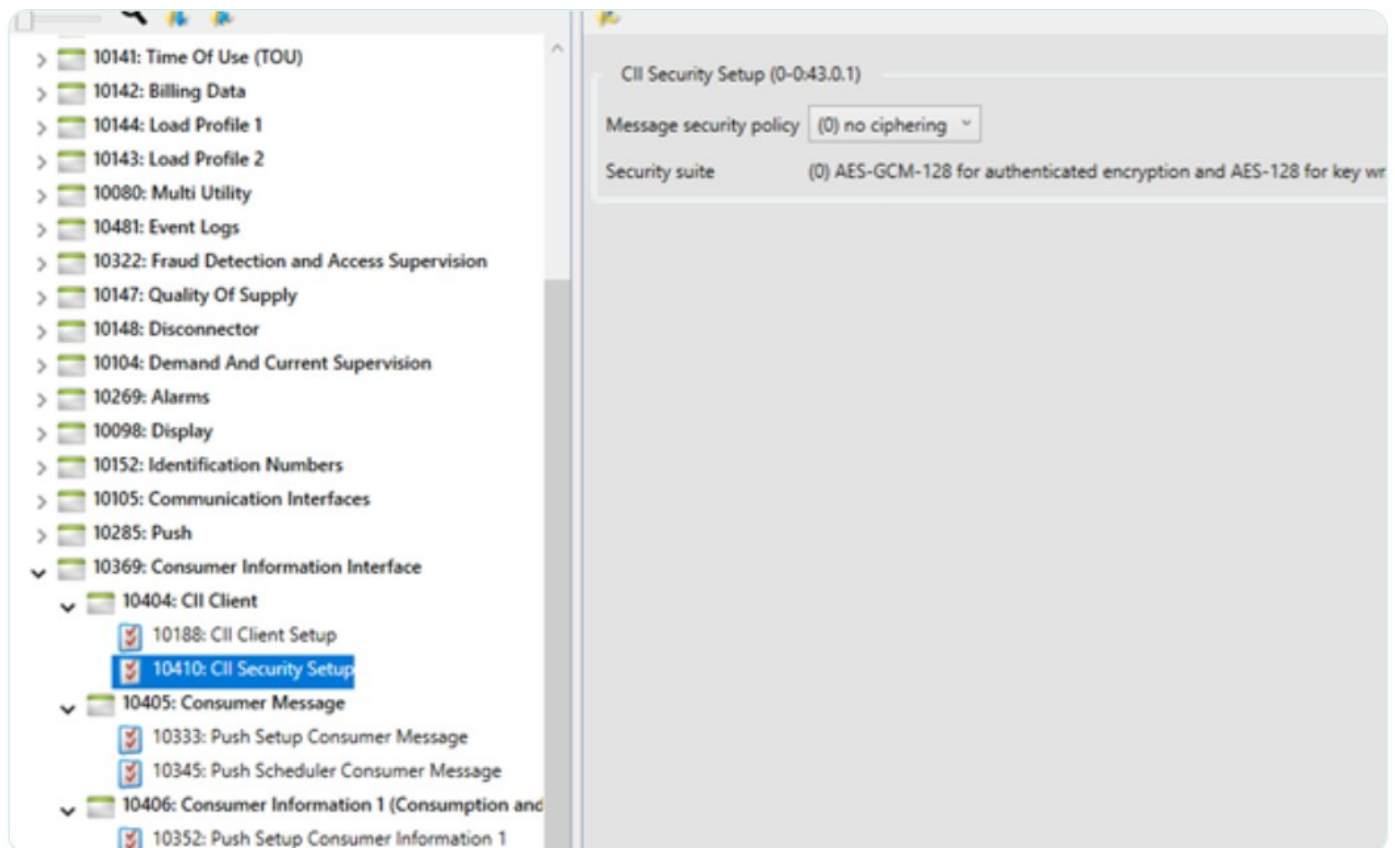
Transmission Speed 2400 bps

HDLC Transmit Buffer Size 128 bytes

Customer Information Interface

3.2 CII Security Setup

Set the **Customer Information Interface: CII Security Setup** as shown in the screenshot.



CII Security Setup

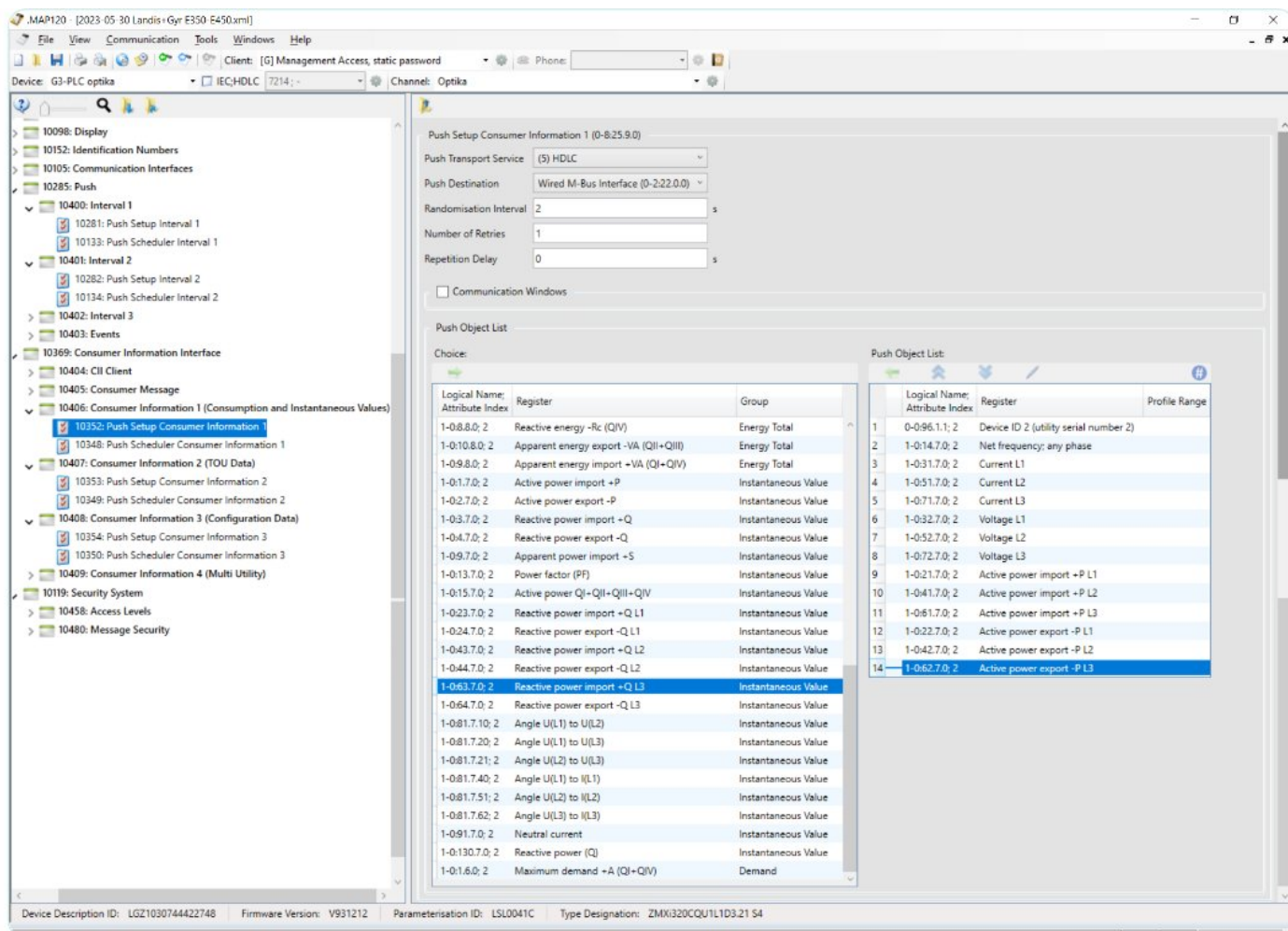
4 Push Consumer Information 1

4.1 Push Setup Consumer Information 1



Warning

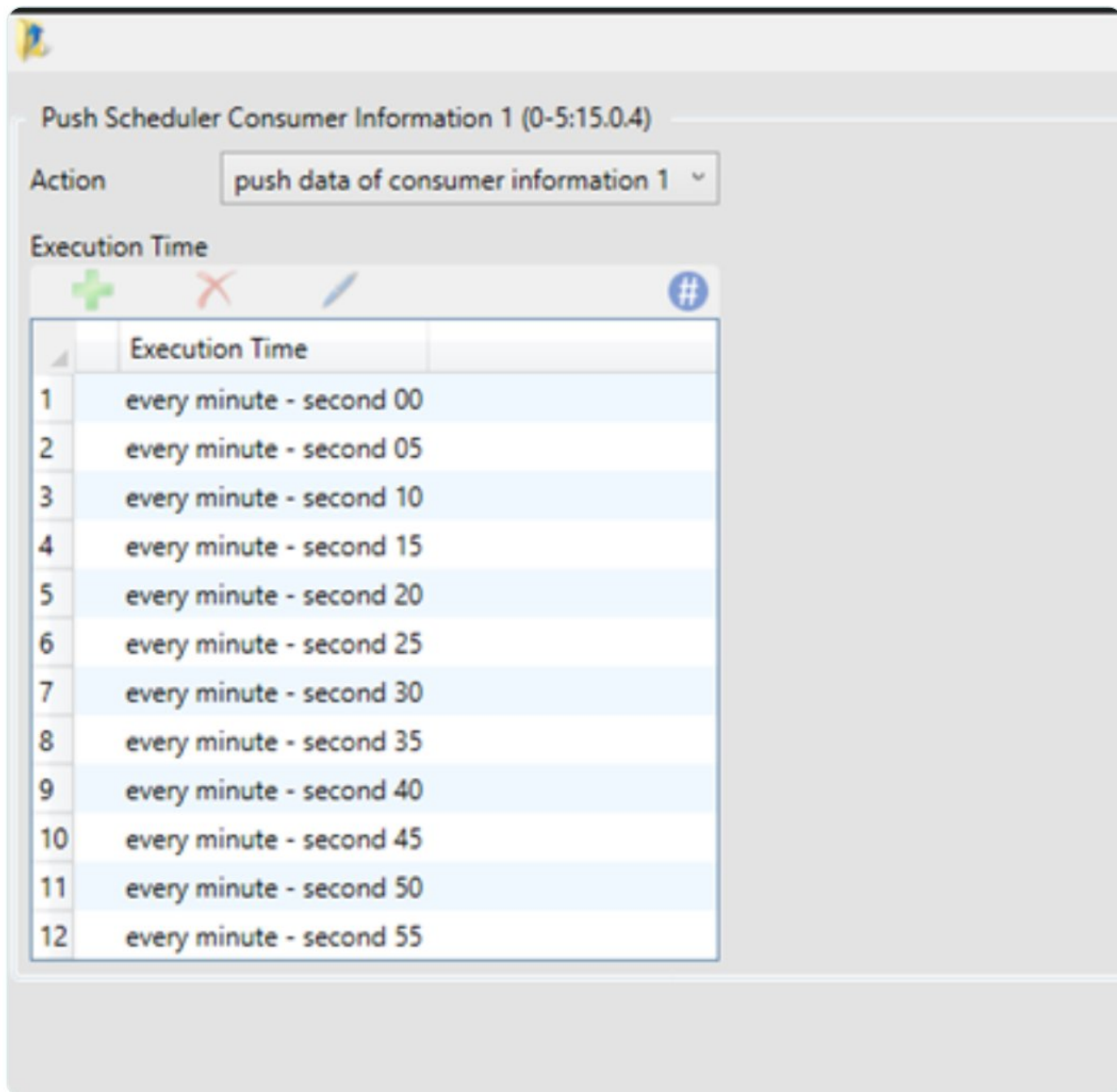
The order must be the same as in the picture below.



Push Setup Consumer Information 1

4.2 Push Scheduler Consumer Information 1

Set the **Push Scheduler Consumer Information 1** as shown in the screenshot.



Push Scheduler Consumer Information 1

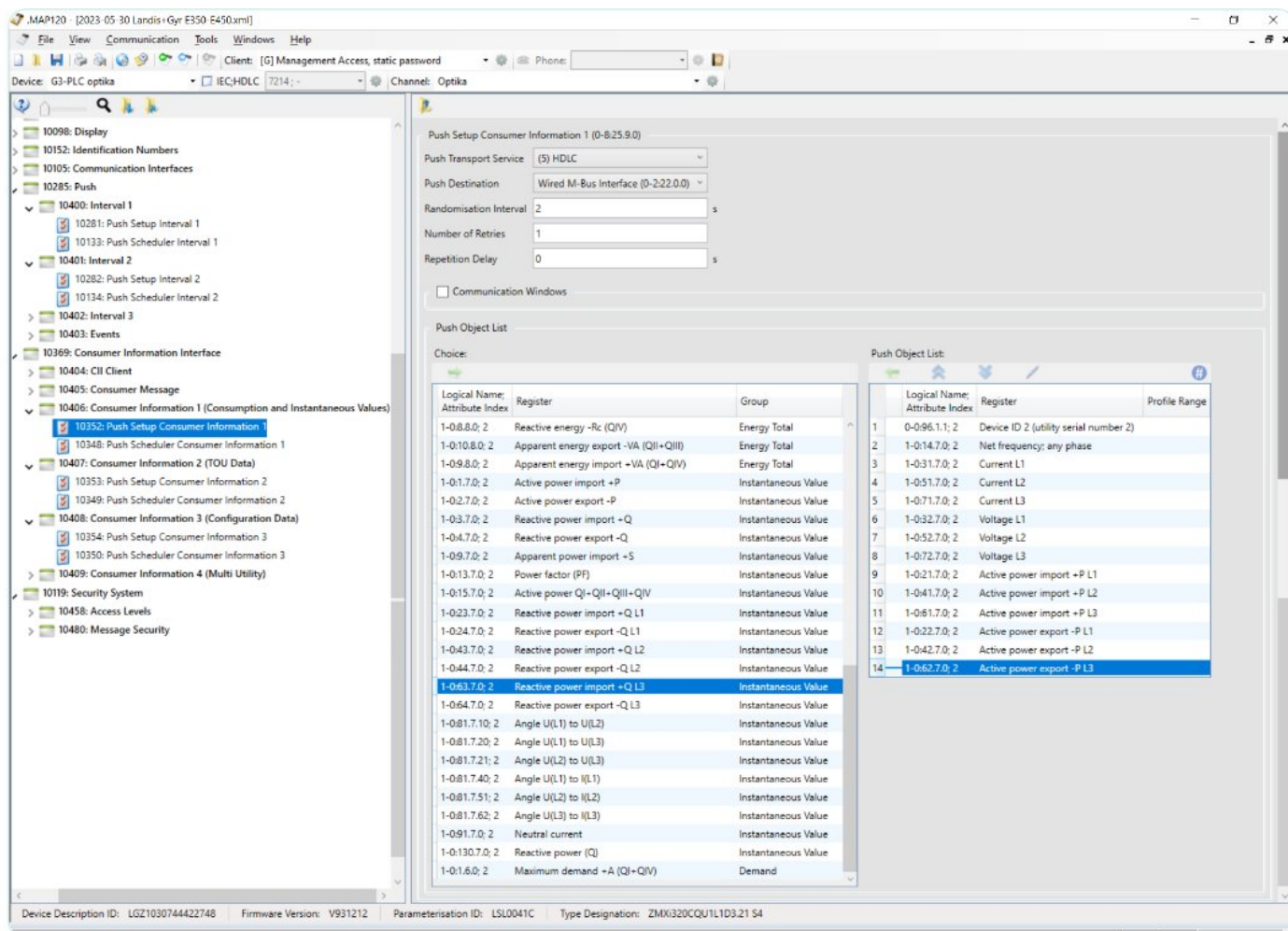
5 Push Consumer Information 2

5.1 Push Setup Consumer Information 2



Warning

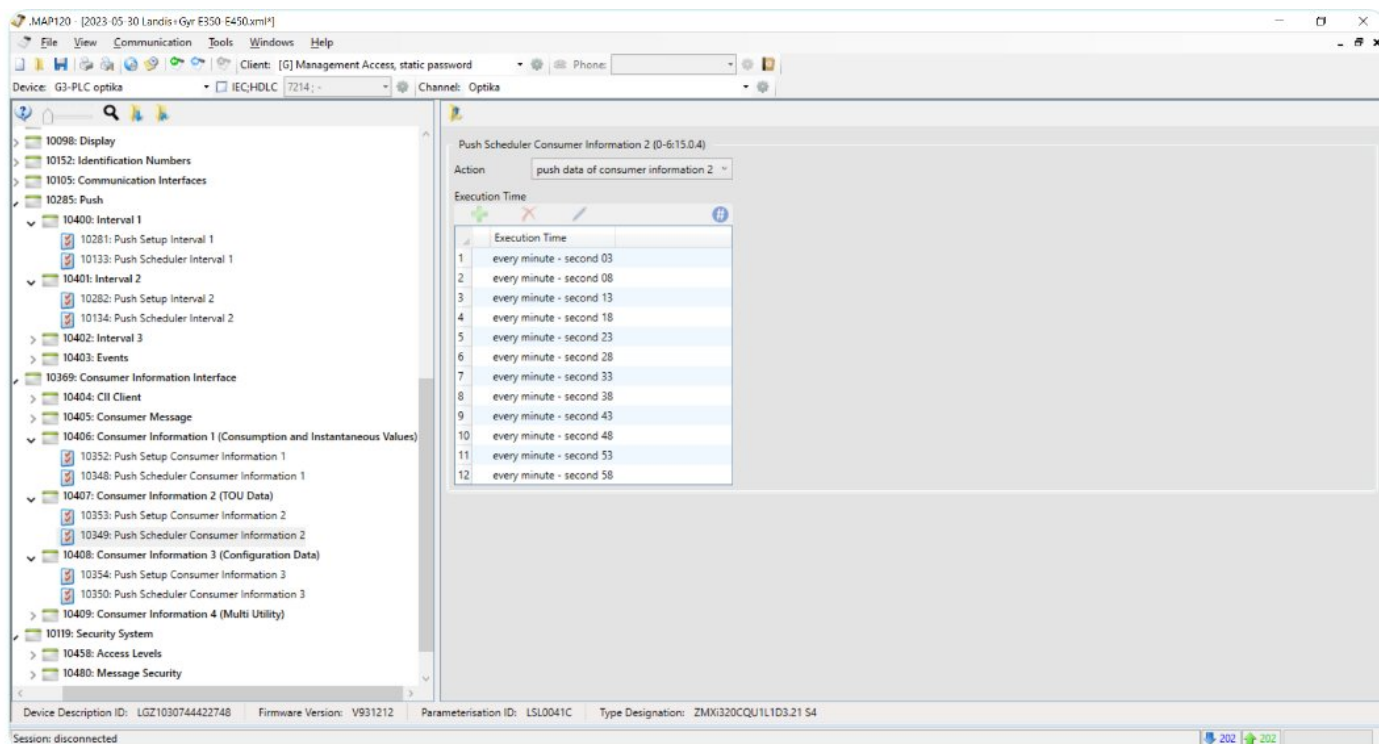
The order must be the same as in the picture below.



Push Setup Consumer Information 2

5.2 Push Scheduler Consumer Information 2

Set the **Push Scheduler Consumer Information 2** as shown in the screenshot.



Push Scheduler Consumer Information 2

✓ Summary

Basic structure (Point 1): Use the Reduxi standard telegram structure. Reduxi needs only one telegram. Configure the meter in the Landis+Gyr MAP tool.

CII setup (Points 2–3): Enable CII Client Setup and select no ciphering. Set the Customer Information Interface and the CII Security Setup.

Push Consumer Information 1 (Point 4): Set Push Setup and Push Scheduler for Consumer Information 1. Keep the order of the picture.

Push Consumer Information 2 (Point 5): Set Push Setup and Push Scheduler for Consumer Information 2. Keep the order of the picture.

→ Common issues

ISSUE	SOLUTION
The meter data does not match the Reduxi telegram	Check that the Push Setup order is the same as in the pictures (Points 4.1 and 5.1). Check that the data matches the Reduxi standard telegram structure.
CII Client Setup has no effect	Check that no ciphering is selected after you enable CII Client Setup (Point 2.2).

→ Related articles

Matching guides from the Reduxi knowledge base:



Reduxi standard telegram structure for Landis+Gyr E350/E450 DLMS push on I1

Data structure of the telegram that the meter sends to the Reduxi Controller.



Device setup guides

All step-by-step guides for connecting devices to the Reduxi Controller



List of supported devices

All devices that work with the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained