Indicators, controllers and monitoring systems for flow, level, pressure and temperature measurement in industrial environments.
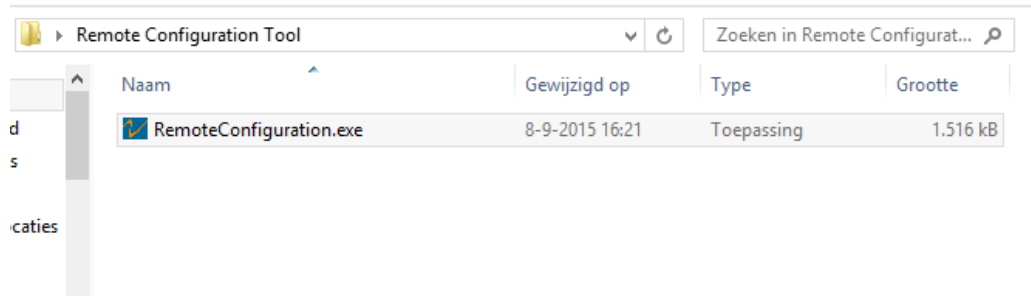
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Remote Configuration Quickstart guide
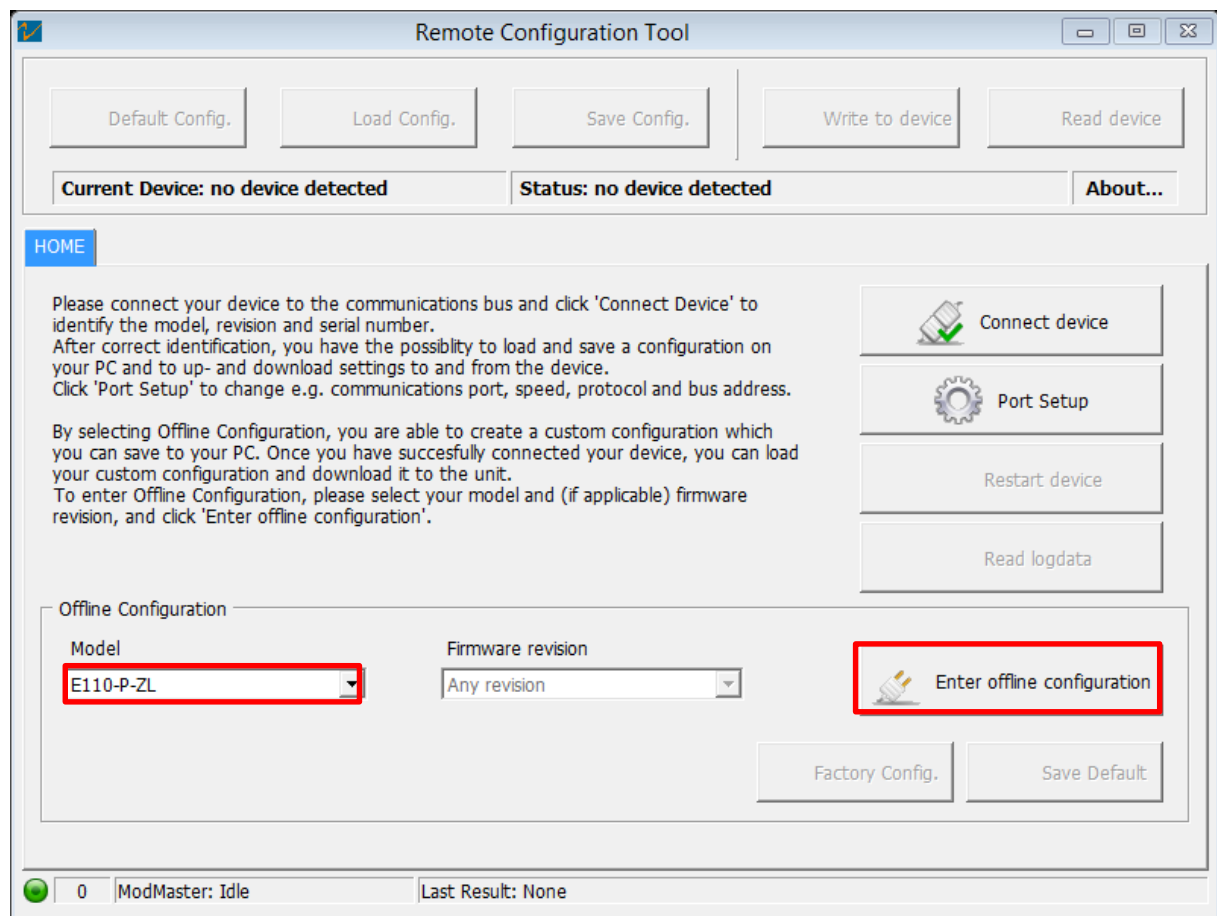
Getting started

Please start by unzipping the contents of the folder.

Please start the application by double-clicking the RemoteConfiguration.exe. You now have the choice to "connect a device", or use the tool in "offline configuration" mode.

Offline Configuration

To use the tool in "offline configuration" mode, please select a device from the dropdown labelled "Model", and click the "Enter offline configuration" button. You will now be able to create a custom configuration for the selected device.

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In the following example, the "Flowmeter" tab is shown. Each tab has a set of settings that can be changed, corresponding with the manual. You can go through the tabs, and change the settings that need to be changed.

If you wish to save your custom configuration to your PC, you can select "Save Config.". You are then able to save the configuration to your PC.

If you want to load an existing configuration, you can choose "Load Config.". You can then select a previously saved configuration from your PC. To restore the values in the tool to the default configuration for the selected model, please choose "Default Config.".

Please note the "Write to device" and "Read device" buttons are disabled. They will be enabled when a device is connected.

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Connecting a device

Please make sure the device is connected to the PC (e.g., accessories ACE01 or ACE02).

If you wish to connect the tool to a device, please enter the "Port Setup" by clicking the "Port Setup" button on the right, on the HOME-tab.

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The following window will pop up:

Please select the correct COM-port.

Please select the correct speed setting.

Please select the protocol that the device uses. Default is RTU.

Please make sure the RTU time-out is set to 20.

After selecting the correct settings, click the "Connect device" button on the HOME-tab (above the "Port Setup" button).

If you get the following notification, please check if the information entered in the "Port Setup" is compatible with the values found in the device (in the Modbus Communication menu).
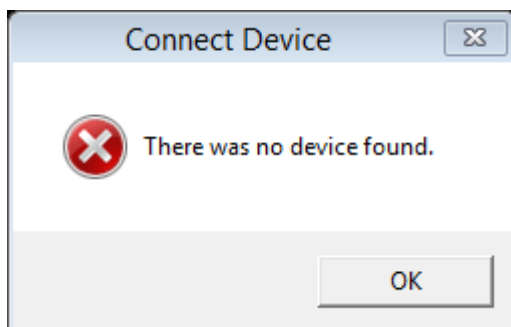
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Once successfully connected, you will get the following notification:

Connect Device ☒

ⓘ Found a device!

Serialnumber: 1234567
Model: E110-P-ZL
Version: 03:03:42

Current values will be read from device.

OK

Read Device ☒

ⓘ Read out all values correctly.

OK

After this, the tool will read the current configuration from the device. When successful, you will see the pop up on the right.

You will be returned to the HOME-tab.

Remote Configuration Tool ⧉ ⬜ ☒

| ↻ Default Config. | 🖨 Load Config. | 💾 Save Config. | ⬆ Write to device | ⬇ Read device |

Current device: 1234567/E110-P-ZL/03:03:42 | Status: values were read correctly from the device. | About...

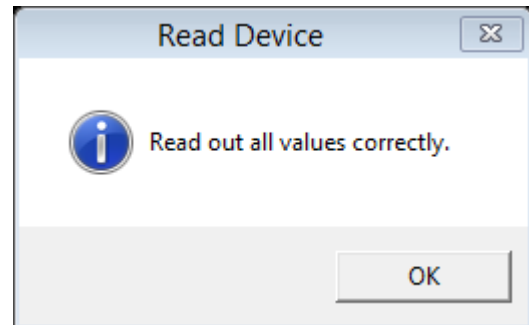**HOME** | Runtime Values | Total | Flow Rate | Display | Flowmeter | Analog Output | Pulse Output | Modbus | Datalogging | Others

Please connect your device to the communications bus and click 'Connect Device' to identify the model, revision and serial number.
After correct identification, you have the possiblity to load and save a configuration on your PC and to up- and download settings to and from the device.
Click 'Port Setup' to change e.g. communications port, speed, protocol and bus address.

By selecting Offline Configuration, you are able to create a custom configuration which you can save to your PC. Once you have succesfully connected your device, you can load your custom configuration and download it to the unit.
To enter Offline Configuration, please select your model and (if applicable) firmware revision, and click 'Enter offline configuration'.

✎✓ Release device

⚙ Port Setup

↻ Restart device

⬇ Read logdata

Offline Configuration

Model
E110-P-ZL ▼

Firmware revision
Any revision ▼

Enter offline configuration

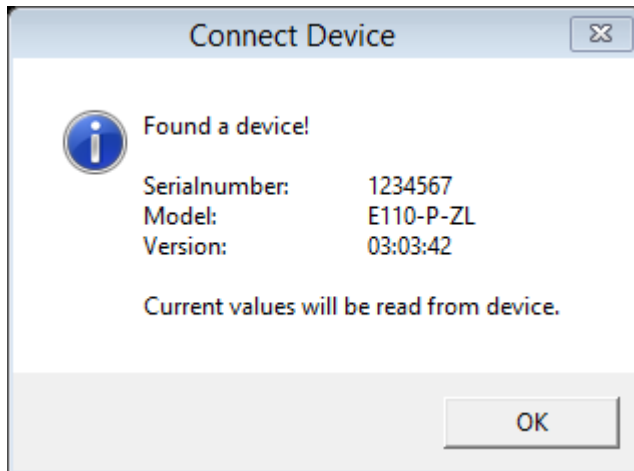Factory Config. | Save Default

🟢 | 1 | ModMaster: Idle | Last Result: Success

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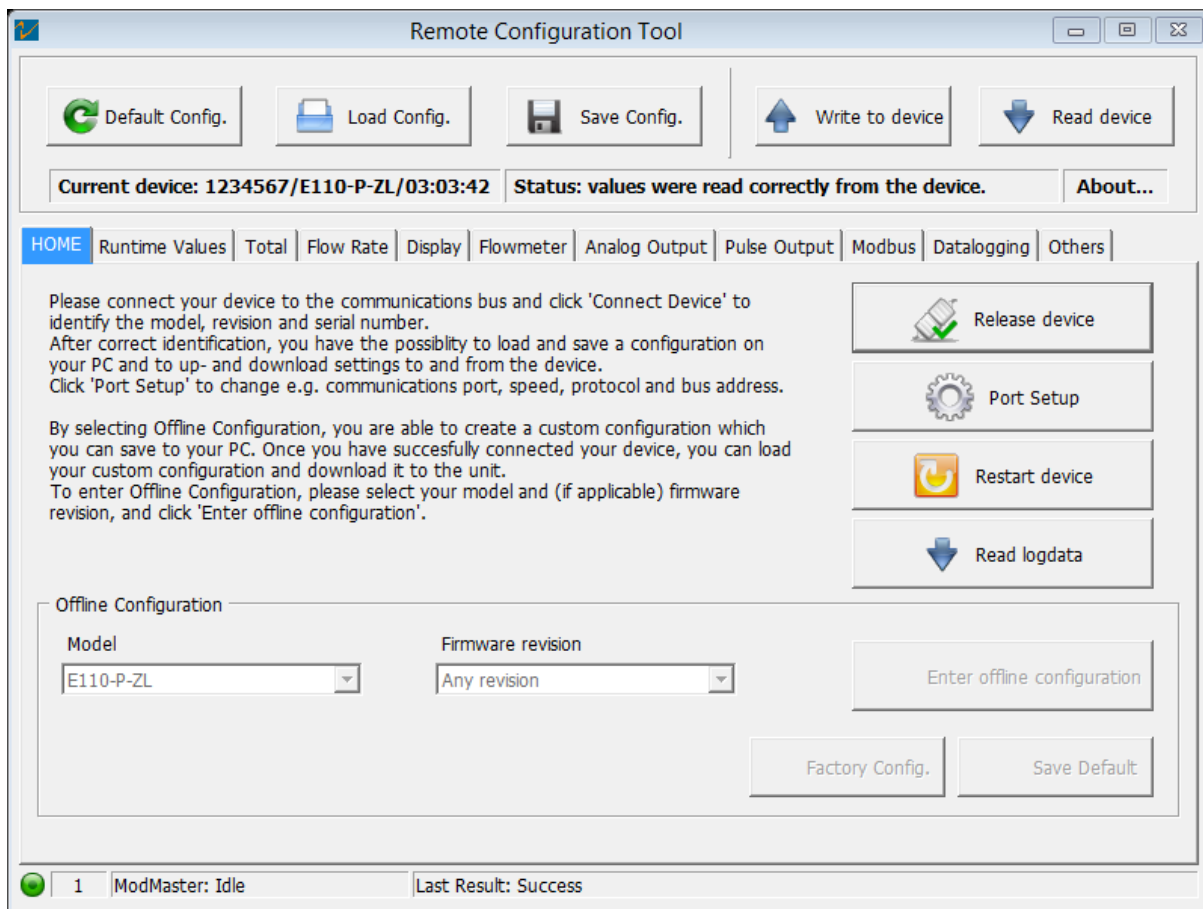Accurate Liquid Management

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From here you can either start configuring your device, restart your device by selecting the "Restart device" button on the right, or read log data (if supported by your device).

An updated configuration can be saved to your PC, or into the device. The "Save Config." button saves your custom configuration to your PC. You are free to select a location for the file to be saved. The "Write to device" button writes your configuration into the device.

Reading logdata

When your device supports datalogging, it is possible to read and export this data using the Remote Configuration Tool. When selecting the "Read logdata" button on the HOME-tab, the following window will appear:

First, select the list you would like to read from the dropdown box labelled "Select a log list …". Once you have selected a list, click the "Read data" button to start reading the log data.

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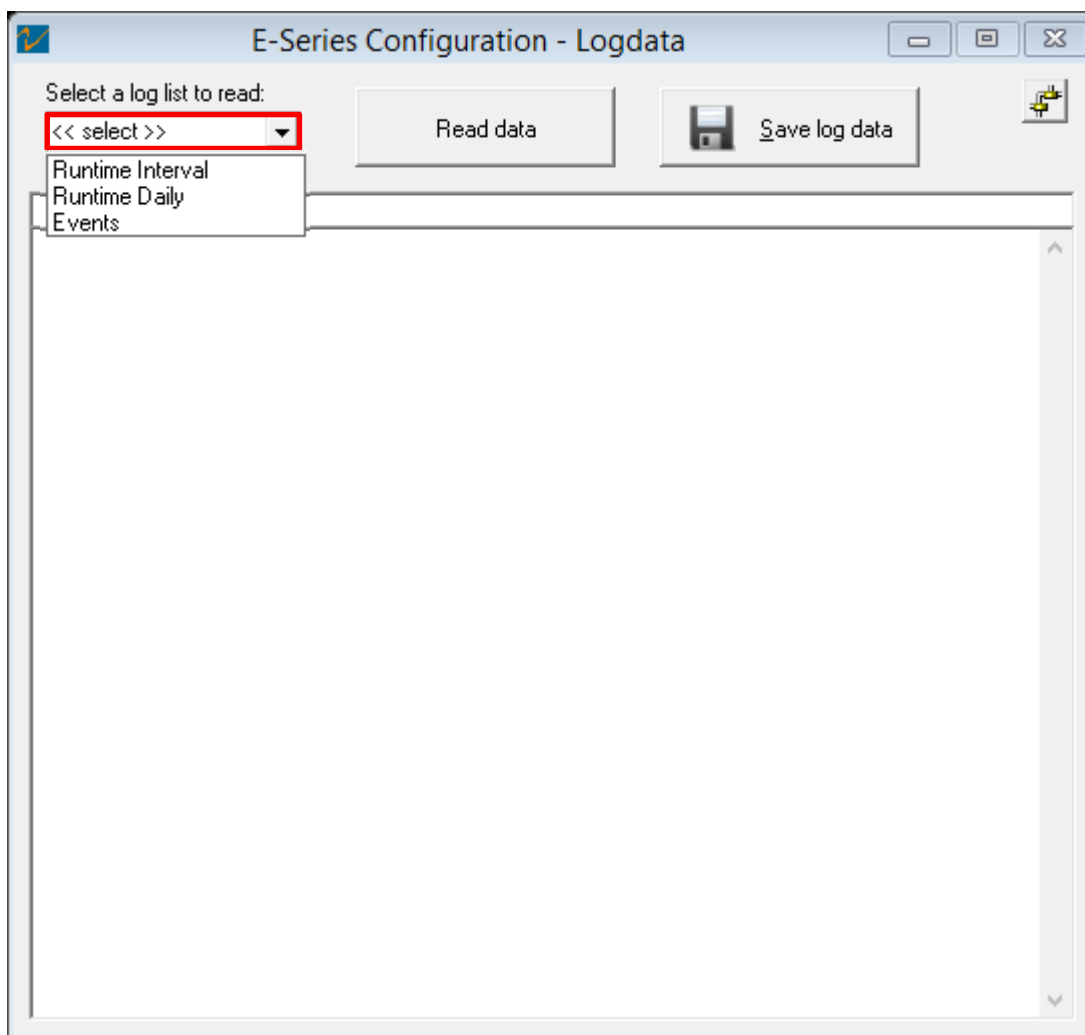Accurate Liquid Management

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```
E-Series Configuration - Logdata                    [ _ ][ □ ][ ✕ ]

Select a log list to read:
[Runtime Interval    ▼]    [  Read data  ]    [ 💾  Save log data ]        ⚙

## read;LOGNR;YYYY-MM-DD HH:MM:SS;FLOWRATE;      TOTAL;      ACC.TOTAL;
0000013;00013;2015-09-08 15:57:00;        0;          0;            0; ∧
0000014;00014;2015-09-08 15:58:00;        0;          0;            0;
0000015;00015;2015-09-08 15:59:00;        0;          0;            0;
0000016;00016;2015-09-08 16:00:00;        0;          0;            0;
0000017;00017;2015-09-08 16:01:00;        0;          0;            0;
0000018;00018;2015-09-08 16:02:00;        0;          0;            0;
0000019;00019;2015-09-08 16:03:00;        0;          0;            0;
0000020;00020;2015-09-08 16:04:00;        0;          0;            0;
0000021;00021;2015-09-08 16:05:00;        0;          0;            0;
0000022;00022;2015-09-08 16:06:00;        0;          0;            0;
0000023;00023;2015-09-08 16:07:00;        0;          0;            0;
0000024;00024;2015-09-08 16:08:00;        0;          0;            0;
0000025;00025;2015-09-08 16:09:00;        0;          0;            0;
0000026;00026;2015-09-08 16:10:00;        0;          0;            0;
0000027;00027;2015-09-08 16:11:00;        0;          0;            0;
0000028;00028;2015-09-08 16:12:00;        0;          0;            0;
0000029;00029;2015-09-08 16:13:00;        0;          0;            0;
0000030;00030;2015-09-08 16:14:00;        0;          0;            0;
0000031;00031;2015-09-08 16:15:00;        0;          0;            0;
0000032;00032;2015-09-08 16:16:00;        0;          0;            0;
0000033;00033;2015-09-08 16:17:00;        0;          0;            0;
0000034;NO RECORD FOUND
========================================================================
End of readout: Runtime Interval - 1234567 - 2015-09-08 16:17:29
Total number of retries: 0                                           ∨
```

After the data has been read, you can save this to your PC. It will be saved as a .csv file, that you can import into, or open with MS Excel.

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```
E-Series Configuration - Logdata                    [—] [□] [✕]

Select a log list to read:
Events          [▼]        Read data         [💾] Save log data      [⚙]

## read;LOGNR;YYYY-MM-DD HH:MM:SS;EVENT   ;REGNO; OLD VALUE; NEW VALUE;
Readout of Events for s/n 1234567 at 2015-09-09 09:44:23
=========================================================================
## read;LOGNR;YYYY-MM-DD HH:MM:SS;EVENT   ;REGNO; OLD VALUE; NEW VALUE;
0000001;00001;2000-01-01 00:00:00;FACTORY;
0000002;00002;2000-12-31 00:39:19;RESTART;
0000003;00003;2000-12-31 18:09:38;TOT CLR;
0000004;00004;2000-12-31 21:25:51;TOT CLR;
0000005;00005;2000-12-31 21:25:52;TOT CLR;
0000006;00006;2000-12-31 21:25:53;TOT CLR;
0000007;00007;2000-12-31 21:25:54;TOT CLR;
0000008;00008;2000-12-31 21:25:54;TOT CLR;
0000009;00009;2000-12-31 21:26:03;RESTART;
0000010;00010;2001-01-05 00:23:08;RESTART;
0000011;00011;2001-01-05 16:42:33;VAR DIS;00179;0000010105;0000020105;
0000012;NO RECORD FOUND
=========================================================================
End of readout: Events - 1234567 - 2015-09-09 09:44:25
Total number of retries: 0
```

The device also saves a number of different events. In the image above some event codes are listed.

Possible events:

FACTORY	Factory defaults
RESTART	Restart
ERRORS	Error
VAR BUS	Variable changed via communication
VAR DIS	Variable change via menu/display
TOT CLR	Total cleared

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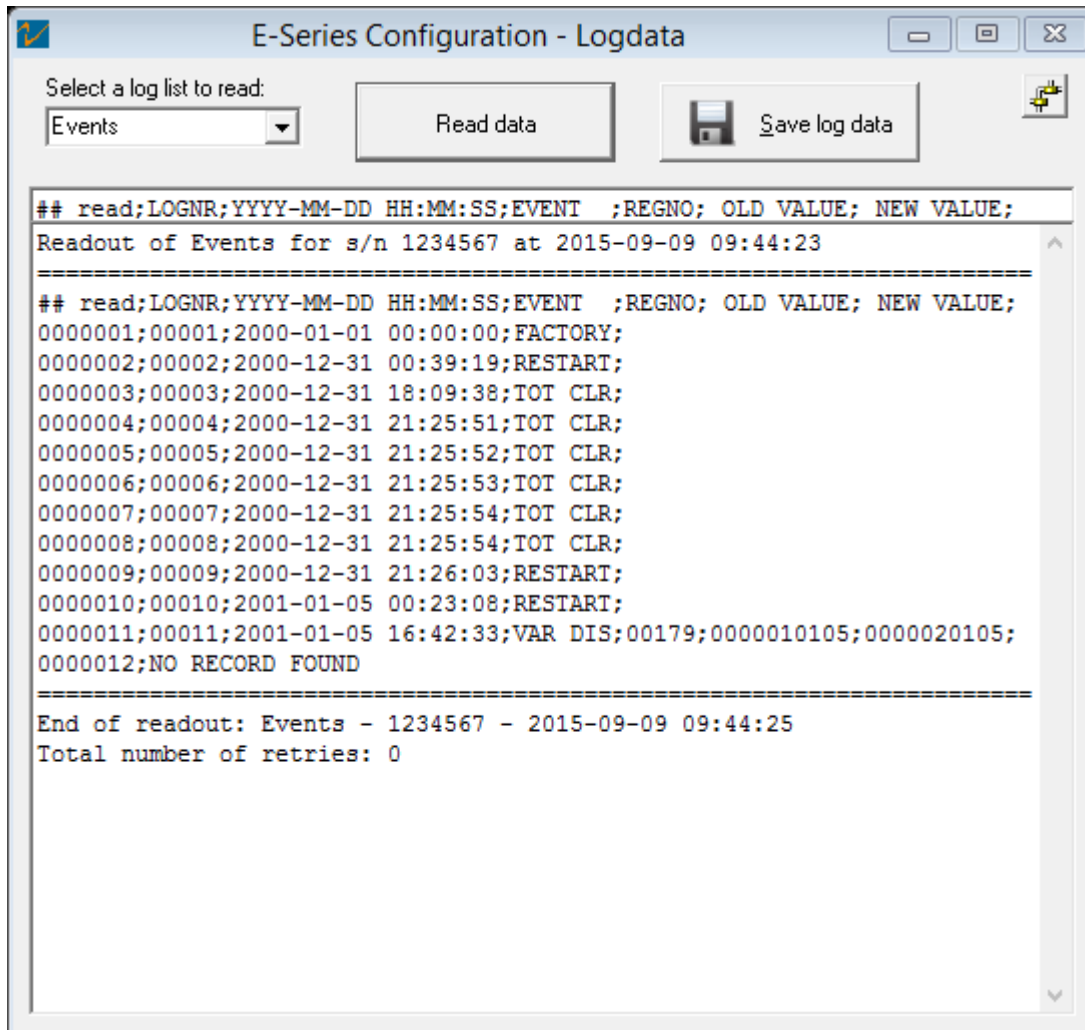USD account no: 02.20.81.771
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