

Subject: Release of ProLink® III v4.3 Software

Overview

This documents the release of new software for the ProLink® III application. The version of this software is 4.3. The build number of this software release is Build #412 Revision 2. Download links for the Basic full release or the Professional upgrade-only release can be found on the **ProLink III Updates** web page referenced below.

Products Affected

ProLink III software application.

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 2.

Symptoms

The following symptoms may appear with previous versions of ProLink III software:

1. For the 4200 2-Wire transmitter, when a service dump of the historian log is performed, the raw_his_data.bin file is downloaded and deleted without first creating the corresponding historian .csv files.
2. On the physical connection screen, the list of available serial ports does not refresh often enough for some use cases. An example is when the user inserts a USB serial port after the connection screen is open.
3. On the physical connection screen, serial ports already in use by ProLink III are no longer shown in the list of available serial ports. Users can type the name of a serial port manually, but this capability is not obvious.
4. For the 5700 Ethernet and 5700 Configurable I/O transmitters, unremediated mass total and unremediated volume total both show up in process variable pull-down lists but are not actually process variables. These data items should be removed from the lists.
5. For the 5700 Ethernet and 5700 Configurable I/O transmitters, configuring density hold override does not behave correctly. If configuring manually, there should be a place to enter a value. If configuring automatically, the field should be disabled. The help text incorrectly states the density hold override value is lost during a device power cycle.
6. For 2700 and 2500 transmitters, when using the fuel consumption option, the label for differential mass flow does not appear associated with milliamp output labeling on the main screen. Instead, the milliamp output labeling is blank or missing.

7. For the 9739 MVD transmitter with firmware v1.8, Smart Meter Verification (SMV) commands are showing up under the diagnostics menu even though SMV is not possible with the 9739 MVD device.
8. For 2700 transmitters, when trimming milliamp output(s) in locales that use the comma (',') character in numeric formats as a decimal separator, the trimming information is rejected by the transmitter.
9. The IP address configuration settings of the 5700 Ethernet transmitter are not being saved and restored with simulation or offline connection types.

Resolution

All items listed above have been resolved with this new revision of software.

Details for specific issues:

- Symptom #2: The serial port list is now refreshed each time the drop-down list is opened.
- Symptom #3 **Error! Reference source not found.**: Serial ports already in use by ProLink III are identified in the drop-down list to make multidrop device connections easier to accomplish. A note was also added to the connect screen indicating that the first device connection made on a serial port fixes serial port parameters for any subsequent multidrop connections.

Additional Features

This version of software includes the following changes to device support over previous versions.

- Added support for Micro Motion 4200 2-Wire Transmitter v1.1 device firmware.
- For 800 Enhanced Core Processor firmware v4.7, added TBR_Accumulated_Time as an enhanced event option when the Production Volume Reconciliation (PVR) or Transient Bubble Remediation (TBR) feature key is used.
- Added external water cut as a configurable display parameter when Modbus coil 375 is enabled for both 5700 Ethernet and 5700 Configurable I/O transmitters.
- The content and format of .csv files containing the data associated with SMV reports was updated.
- For the Gas Density Meter (GDM) with firmware v2.11 and ETO 35595, added line compressibility control in the concentration measurement (CM) screen and also removed relative density from the gas purity variable drop-down list.

ProLink III Updates

To update an existing version of ProLink III Professional Software, or to download a new installation of ProLink III Basic Software, go to the 'Software Downloads & Drivers' section of the ProLink III webpage:

www.emerson.com/ProLink

There is no change to the purchasing or licensing procedures for ProLink III Professional Software.

Contact Information

Product information is available on the internet at: www.emerson.com.

Customer Service Phone Numbers:

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Micro Motion Europe	31 (0) 318 495 555
Micro Motion Asia	65 6777-8211
Micro Motion UK	44 0870 240 1978
Micro Motion Japan	81 3 5769-6803

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