

Subject: Model 5700 Transmitter with Configurable I/O, Model 5700 Transmitter with Ethernet, Model 5700 Transmitter with Fieldbus, and Enhanced Core Processor (Model 800) software release

Overview

These software releases:

- Add support for the new tantalum sensors: TA010T, TA025T, TA050T, TA075T, TA100T, and TA200T
- Provide minor enhancements
- Correct some minor issues

Products affected and new version numbers:

- 800 Enhanced Core Processor revised to v4.50
- 5700 Config I/O revised to v2.10
- 5700 Ethernet revised to v1.40
- 5700 Fieldbus revised to v1.20

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 3. NE 53 revisions levels for the 5700 devices are as follows:

- 5700 Config I/O: 01.02.01
- 5700 Ethernet: 01.02.01
- 5700 Fieldbus: 01.01.01

Symptoms

The following symptoms may appear:

- In the 5700 Config I/O, when upgrading from 1.x to 2.0; the Gas Standard Volume Density may reset to 1.0 g/cc.
- In the 5700 with W&M enabled and using HART protocol (AMS and 475), Zero Check and SMV are incorrectly disallowed.

- In the 5700 Config I/O, when a temporary license is installed, HART communications may experience a short, temporary drop out at 24-hour intervals.
- In the 5700, if a zero calibration is performed followed by a power cycle and initiation of a “factory save” command, the saved zero value is incorrectly set to 0.

Resolution

- The above issues have been resolved with these software releases.
- For firmware updates to a unit in the field that is experiencing any of these issues, please contact Micro Motion service in your area.

Additional Features

- More information (Meter Factors, Transmitter Temperature) has been added to the 5700 SMV historical data file.
- In the 5700, inventories are no longer allowed to be reset from the local display. Resetting totals now requires a password if security is enabled.

Host Compatibility

- There are no changes to host files (i.e. DDs or DTMs) for these releases.

Contact Information

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

Customer Service Phone Numbers:

Micro Motion USA	1-800-522-6277
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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