

**Subject: Updated software for Micro Motion 5700 transmitters:  
Configurable I/O, Ethernet, Foundation™ Fieldbus, Intrinsically  
Safe Outputs**

## Overview

This documents the release of new software update for the indicated Micro Motion 5700 transmitters, including:

- Added support for HPC15 sensor.
- Upgrade for the 800 Enhanced Core Processor to v4.70.
- Fixed an issue where external pressure could be set to 0 on power cycle.
- Provided minor enhancements.
- Corrected some minor issues.

## Products Affected

- 5700 Config I/O revised to v3.10, W&M v3.0\*
- 5700 Ethernet revised to v2.10, W&M v3.0\*
- 5700 Fieldbus revised to v1.40, W&M v2.0\*
- 5700 IS revised to v1.10, W&M v1.0\*

\*No changes were made to Weights and Measures (W&M) revision, they are listed for reference.

## NAMUR NE 53 Rating

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

- 5700 Config I/O: 01.03.01
- 5700 Ethernet: 01.03.01
- 5700 FOUNDATION™ Fieldbus: 01.01.03
- 5700 IS: 01.00.01

## Symptoms

The following symptoms may appear:

1. In the 5700 the external pressure could be set to 0 on power cycle if channel D was not licensed or not available in that model of transmitter.
2. In the 5700 Ethernet v2.0, the EDS file is an incorrect revision which will cause backwards compatibility issues if downloaded and used in the host.
3. In the 5700 IS 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.
4. In the 5700 Ethernet V2.0 and 5700 Config V3.0, GVF was removed from the historian for APM PL license. Restore GVF as the historian parameter for APM PL license only.

## Resolution

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

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

- In the 5700 Ethernet, the default admin and operator passwords for the web server were changed for added security. New transmitters leaving the factory will have unique passwords and customers will need to look these up from the display or use ProLink. New default SSID/passwords will be:
  - Admin pass = A!bXXXXXXXX
  - Operator pass = O!hXXXXXXXXWhere XXX is of variable length (depending on a unique ID in the device and padding required for the minimum password length).

Existing passwords should not be affected.

- In the 5700 Config with Multi-Well license, configuration parameters will no longer automatically change with repeated enabling and disabling of the APM function.
- In the 5700 Config with Multi-Well license the banner text now reads "Single Well Mode" instead of "Continuous Mode" to prevent confusion with APM Continuous setting.
- In the 5700 IS, GVF in the historian has been replaced with Net Oil at Reference for PO and PO-PL licenses.
- The coefficients for LD compensation have been updated for densities 850 and 900 kg/m<sup>3</sup> for meters CMF350, CMF400, D600, HC2, HC3, and HC4.
- Support was added for HPC015 sensors.
- The 800 ECP was updated to V4.70, which is the most recent version.

## Host Compatibility

The EDS file was updated for the 5700 Ethernet.

**Contact Information**

Product information is available on the internet at: [www.emerson.com](http://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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Thank you for your continued support.

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