

# PRODUCT CHANGE NOTICE



Multitel is pleased to announce the release of the new v4.81 firmware for FUSION RTU. Get up to speed by upgrading your FUSION for better compatibility with your other devices.

THE PRESENT FEATURE SET IS SUBJECT TO CHANGE WITHOUT NOTICE



## NEW FEATURES

### Control a broader range of Modbus devices

Fusion now supports bitwise writing in the holding registers. Thanks to this new capability, you will now be able to manage devices that are using this particular variation of the well known communication protocol Modbus. For example, you will get control over Invertek Drive Optidrive™ variable frequency drive, Temco Controls T300 Modbus I/O module and Liebert® IntelliSlot™ Unity™ Card.

### Now compatible with non-linear sensors signals

This will allow you to get temperature values, liquid levels and RF power measurement coming from specialized sensors. The implementation of new virtual channels will enable your Fusion to compile measurements of non-linear analog channels coming from those sensors.

### Increased IT security performance

When ports 23, 80 and 2000 are unused and shut down at software level, this update makes sure that they don't answer to any possible undesired intrusion.

[REQUEST YOUR UPDATE](#)

## MINOR ENHANCEMENTS

1. **(RTU-394)** - Allows bitwise writing into Modbus holding registers. Modbus output channels (MxRy) can now link binary channels to each register's bit.
2. **(RTU-395)** - Added four (4) lookup tables to the Fusion, allowing it to process measurements coming from non-linear analog signals.
3. **(RTU-400)** - Increased IT security when deactivating ports 80, 23 and 2000.

## UPDATE REQUIREMENTS AND/OR IMPACT

Note that a detailed update procedure package is provided with the new firmware code file. Following are the possible impacts when performing the FUSION update:

1. Daily, triggered and histogram statistics files content should not be lost after a firmware code upload, however, it is recommended to download the files content prior to performing the remote code upload.
2. No operating parameter modification, deletion or reset is expected, however, it is good practice to backup/download the configuration file prior to performing the remote code upload.
3. When executing FUSION v4.7x and v4.8x upgrades from previous to v4.50, the Intelligent I/O Card firmware is erased and needs to be uploaded via the HTTP/HTTPS or the TELNET/SSH interface. The following files are available upon request. If you have any questions contact: [support@multitel.com](mailto:support@multitel.com)

### FUSION I/O card files:

- a. MIR\_ANA.XMD
  - b. MIR\_EVT.XMD
  - c. MIR\_OUT.XMD
4. The new FUSION version does not require any FIRM Suite upgrade™.
  5. If required, revise your operating parameters configuration according to the new "SNMPGet" modules quantity.
  6. Occurrence counters will be reset to zero (0).

## AVAILABILITY

The new version 4.81 of Fusion will be available in October 2017.

Multitel is committed to provide only the highest quality products for your needs. If you have questions regarding this product change notice, please contact your Multitel sales representative.

REQUEST YOUR UPDATE

2500 Jean-Perrin ST Suite 175  
Quebec QC G2C 1X1  
Tel: 418 847.2255  
Toll Free: 1.888.685.8483  
[info@multitel.com](mailto:info@multitel.com)

 [multitel.inc](https://www.facebook.com/multitel.inc)  [multitel-inc](https://www.linkedin.com/company/multitel-inc)

Take advantage of the power and performance of our all-in-one remote telemetry units.

Contact us today:  
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