



PRODUCT CHANGE NOTICE



Multitel is pleased to announce the release of the new v4.82 firmware for FUSION RTU. Get up to speed by upgrading your FUSION to implement the all-new LEAD/LAG channel type and to boost available binary manuals from 64 to 128.

THE PRESENT FEATURE SET IS SUBJECT TO CHANGE WITHOUT NOTICE



NEW FEATURES

LL[x]



Four (4) new Lead/Lag channel type for BAS applications

Introducing the all-new Lead/Lag LL[x] channel type, enabling you to cycle operation between multiple HVAC systems, pumps or any other motorized pieces of equipment to ensure even wear over time. Moreover, the FUSION will inform you of which device is currently in operation over up to eight (8) interrelated ones.

BM[x]



Increased capacity of Binary Manual channel type

The binary manual channel type maximum capacity has been doubled from 64 to 128. This will allow you and your team to process more override in BAS-type applications.

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MAJOR ENHANCEMENTS

1. **(RTU-196)** - Added four (4) all-new Lead/Lag channels to the derived channels section.
2. **(RTU-403)** - Increased maximum capacity of binary manuals channel type from 64 to 128.

BUG FIXES

1. **(RTU-382)** - Alarm levels were in reversed order for Schedule channels. Now, “0” will display “Not logged” and 1 to 4 will increase from “Informational” to “Critical”.
2. **(RTU-468)** - GUI was displaying strange characters in the field label “Enter register address for WRITING” in configuration mode, in a specific module output configuration (M[x]O[y]) when option “6” or “16” was selected for the previous field “Enter the writing function code”. Strange characters have been removed.
3. **(RTU-470)** - Through testing, we discovered that FUSION is limited to sending SNMPV3 traps to a single SNMP Manager rather than 5 as mentioned in product documentation. The correction we did is at the product documentation level.
4. **(RTU-471)** - Corrected a bug regarding SNMP_GET reception. Buffer size of 256 bytes was the cause of those issues, so we increased the size to 2 048 bytes.

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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

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 FIRMSuite™ upgrade.
 5. If required, revise your operating parameters configuration according to the new “SNMPGet” modules quantity.
 6. Occurrence counters will be reseted to zero (0).

AVAILABILITY

The new version 4.82 of FUSION will be available on December 10, 2018.

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.

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