



SOFTWARE RELEASE NOTES

MCS-MICROMAG

Version 18.00A

01/22/2016

Updates from previous versions:

New Features:

1. Release/18.00A - Bump version number to 18.00 – from 16.04J.
2. Add and initialize display_text variable in the SI ram structures. Will be used to eliminate pulls of SI_EEPROM from the EEPROM chip.
3. Add new EXV, Gas Valve, Compressors, and Condensers to keypad display menu.

Bug Fixes:

1. Update build script to save change log with windows style line endings.
2. MicroMag display, the alarms were displaying an extra alarm. By decreasing num_alarms by one when compared with submenustate fix this issue.
3. Hard code size of virtual input eeprom typedef to fix issues with structure size.
Due to organization of structure, structure size is really 46 bytes, rather than 45 bytes that are expected; although the last byte isn't really used. This commit fixes the issue by referencing the expected size when referring to the typedef's size.
4. Correct issue causing the history ram save to overwrite the configuration set in the EEPROM. The history ram save was not being typecast properly, causing values larger than 0x0FFFF to overflow to 0x0000 rather than simply incrementing to 0x10000. This commit fixes the issue by typecasting the variables from ints into unsigned longs.
5. Send full history to MCS when sending history ram. Previously was using the old size of 128 bytes, when we are now using 256 bytes.
6. Remove the bypass of the config write protect when transmitting the RO and SI cycles to the EEPROM.
7. Removed unnecessary pull of si eeprom when checking the exhaust safety.
8. Fix error when reading long eeprom data with a start address of 0x10000.

Any questions regarding this release, contact:

support@mcscontrols.com

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9. Pull data from EDS when saving history ram.
10. Correct size of message when transmitting lockout info to MCS-Connect. Had not updated transmission size when we upgraded to the new history. This commit resolves this issue.

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