

MCS Release Note

Product Type: MCS-Config Software Revision: 19.01.16

Release Date: August 13, 2025

Release 19.01.16 - Wednesday, August 13, 2025 Log:

Overall Summary:

- This release adds multiple features and bug fixes for NitroMag V19 software. This release includes changes to Setup screen and Information screen for BACnet settings regarding MS/TP station, BMS Timeout Minutes, and Lost BMS Communication fields. BMS Timeout Minutes and Lost BMS Communication combo boxes have been moved to the Setup screen from the Information screen. Furthermore MS/TP station is now configured per RS485 port in the RS485 panels. A new field for setting Hardwired / BMS Setpoint has been added to the Information screen for HVAC, CENT, RTU, and REFR software types. MCS-Gateway CSV file generator button added back to HVAC and CENT software types in the BMS-Points screen.

Bug Fixes:

- Fixes to oil diff display in V19 BACnet MS/TP/IP grid.
- Bug fix for issue that was causing duplicate circuit states to print in the V19 Gateway CSV file generation. (HVAC and CENT only currently).
- No longer opening V17 BMS form after generating file. V17 BMS form was opening after generating V19 MCS-BMS gateway CSV files.
- Bug fix to BMS points screen for V19 HVAC config. Now matching C1_State and other circuit state names from Magnum Johnson N2 grid.
- Added Suction Pressure and Discharge Pressure back to Chiller States grid in V19 and in gateway CSV generation.

New Features and Enhancements:

- Added a new combo box that allows users to set the Hardwired/BMS setpoint to the desired setpoint value for V19 HVAC, CENT, RTU, and REFR software types. Combo box available in the Information screen. Change coming to Magnum V17 soon.
- Changed "Network Run/Stop Override" combo box label to "Remote Enable" and "Run/Stop Switch" combo box to "Run Stop (Local Enable)" for V19 HVAC, CENT, RTU, and REFR software types. Change also coming to V17 soon.
- Added functionality to configure the BMS network timeout via a combo box on the setup form (previously on the Information screen) for all V19 software types.
- BACnet MS/TP Station is now configurable via the RS485 panels in the Setup screen for V19. Label is titled "MS/TP #1 MAC Address" for port 1 and "MS/TP #2 MAC Address" for port 2.
- Lost BMS Communication combo box has been moved to Setup screen in the BACnet settings panel for V19 (previously on Information screens). Ready to be used across HVAC, CENT, RTU, LWC, and PMGR software types.

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- HVAC and CENT V19 N2 MCS-BMS-Gateway CSV file generation button added back for Johnson N2 to V19. Other software types will be added in the near future.

Patches:

- Added customer specified BACnet ID to Modbus RTU to BACnet IP CSV file during generation to Magnum V17. The file was not looking at the customer specified BACnet ID for Magnum V17 configs.
- The grids now change between Wanted FLA and Vane% if the vane position SI is set for CENT software. The grids update depending on if the correct values are set (suction pressure, temperature, superheat, etc).