



SOFTWARE RELEASE NOTES

MCS-CONFIG **Version 18.010** **05/07/2019**

Updates from previous versions:

New Features:

1. In ALL config types V17 on the EXV Control screen on the Heat Exchanger panel adding a new option called None. If this option is set when the user clicks the MCS Defaults button a popup will be displayed alerting the user that they have to select a heat exchanger type before setting default values.
2. In HVAC config types on the Circuit Base screen on the "Select Output and Sensor Inputs per circuit" grid adding a column called Pump/Valve Proof in between Flow and Circuit Pump/Valve columns. This column will be an SI drop down list and the memory location will be circuitV17eeprom #90. Also, on the MAG HVAC screen under the Evap Info section on the Process Control panel adding a new panel with this caption "On With Circuit Valve?" and a YES/NO option. If YES then the Valve Proof SI in the circuit will be looked at to see if it is open and the Process Control logic will run and if NO the Process Control will run the logic as usual.

Bug Fixes:

1. In ALL config types V17 on the BMS Points Info screen on the Setpoint Values section MCS-Config is displaying setpoint #163 in ALL cfg types and should only be displayed in HVAC and RTU cfg types. Resolution: Add a test in the load of the BMS Setpoint grid that will handle these two cfg types only.
2. In ALL config types V17 on the BMS Points Info screen on the Writable Points section on the MCS-BMS-GATEWAY writable setpoint grid under the BACNET MSTP ID column MCS-Config is starting the AV values at 813 and should start at AV:0 just like the BACNET IP section on the Magnum writable setpoints grid. Resolution: Change the start value from 813 to 0.
3. In ALL config types V17 on the BMS Points Info screen when the CREATE CSV FILES button is clicked and the BACnet MSTP csv file is created the Server Side Nodes area needed 2 more columns and the Client Side Nodes needed 3 more columns to handle timeouts from the Gateway receiving messages from the Magnum. Resolution: Add columns to handle the timeouts in the create csv file for bacnet function.

Any questions regarding this release, contact:
support@mcscontrols.com

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4. In HVAC config types on the MAG HVAC screen under the Evap Info section on the Process Pump panel when Staged RO is selected the Starting Process Pump RO drop down is saving to the wrong memory location(chillerV17eerom.recir_bypass). Resolution: Change the memory location to the correct one(chillerV17eerom.process_pump).
5. In ALL config types V17 on the BMS Points Info screen when the CREATE CSV FILES button is clicked and the BACnet MSTP csv file is created the Client Side Connections section of the file needs 2 new columns called Poll_Delay and Max_Concurrent_Messages so the BMS-Gateway will wait long enough for the magnum to answer the request message before moving on to ask for the next point in line. Resolution: Add the columns to the function that creates the csv file for BACnet MS/TP.
6. In ALL MICRO MAG config types V12 and V18 on the Setpoint Info screen sporadically an error popup is shown for an overflow of a memory location. Resolution: In the Update function that handles loading Setpoint names into drop down lists has a counter that is never being set to 0 so eventually it overflows. Added source code to set the memory location to 0 every time the function is called.

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