



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 17.01B 12/18/2015

Updates from previous versions:

New Features:

1. In MHRC config types V17 on the BMS Points screen under the Unit Control Info section adding new states to the Unit State Chart and Unit Mode Chart. UNIT STATE CHART----> "UNUSED STATE" '#34 "RS-STARTING COMP" '#35 "RS-LOADING" '#36 RS-HOLDING" '#37 "UNIT IS OFF/TEMP" '#38 UNIT MODE CHART "COOLING w/HEAT" '#4 "HEATING w/COOL" '#5 "DEFROSTING" '#6
2. In MHRC config types V17 MAG MHRC screen-->Evaporator Info-->Changing Control Temperature On panel to say Cooling-->Moving the Entering and Leaving Temp drop downs to the Cooling panel-->Adding another panel identical to Cooling but called Heating--> Entering or Leaving, Leaving SI drop down, Entering SI drop down.
3. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the General section on the unit sensors panel adding in two new SI dropdown list box selections called Fire Alarm and Drain Pan Condensation Alarm. Also adding new setpoints at the end of the setpoint names list: #136 FIRE ALARM and #137 CONDSATN ALM.
4. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the General section on the Unit Control panel adding a new panel with caption: "Post alarm when Run/Stop Switch set to stop?" with a YES/NO option.
5. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the General section on the Unit Indicators panel adding a SI dropdown list box selection: Lockout Reset Switch.
6. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the Cooling section adding a panel with YES/NO option with caption: Lockout unit when any compressor enters a safety or locks out?.
7. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the Ventilation section on the unit sensors panel adding new SI dropdown list box selection called Outdoor Air Damper Alarm. Also adding 2 new setpoints at the end of the setpoint names list: #137 DAMPER FAULT and #138 OAD ON POS.
8. In ALL MICRO MAG config types V12-RTU on the MICROMAG Info screen under the Heating section on the far left panel adding a new panel(Preheat) with three dropdown list boxes called Preheat RO,

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Preheat AO, Preheat SI. Also adding 2 new setpoints at the end of the setpoint names list: #139 PREHEAT TARG and #140 PREHEAT ADJ.

9. In ALL MICRO MAG config types V12-RTU adding in new RO, AO, and SI names into their respective memory locations: uMag type ---> RO = PreheatRelay(97), AO = Preheat Dmnd(68) SI = FireStatus(193), LeakDetect(194), Cond Drain(195), LockoutRST(196), OAD FAULT(197), OAD PROOF(198), SKM type ---> RO = PreheatRelay(100), AO = Preheat Dmnd(68) SI = FireStatus(176), LeakDetect(177), Cond Drain(178), LockoutRST(179), OAD FAULT(180), OAD PROOF(181), AAON type ---> RO = PreheatRelay(96), AO = Preheat Dmnd(68) SI = FireStatus(165), LeakDetect(166), Cond Drain(167), LockoutRST(168), OAD FAULT(169), OAD PROOF(170).

Bug Fixes:

1. In ALL config types V11, V14, and V17 that support BMS Points When the csv create button is clicked and the file name dialog is displayed, the filename is incorrect and when try to save a popup is displayed saying the filename is too long. Also, when a BMS SI is set on the SI screen it is not showing up in the BACnet.csv file. Resolution: The .csv extension was being added to the end of the filename which was causing an error, replaced the filename with no .csv extension until the filenaming method is finished. The BMS_SI test had the incorrect variable index, changed to the correct counter.
2. In ALL config types V11, V14, and V17 that support BMS Points When the csv create button is clicked and the file is created, the Server side of the BACnet.csv file only is getting the baud rate from the memory location of the .cfg file for the communication baud rate which is incorrect. Resolution: Setting the variable that displays the baud rate to a static value of 38400.
3. In ALL config types V11, V14, and V17 on some windows computers when the Save Dialog is opened after clicking the save button, sometimes the directory that the dialog opens in is the original directory of the very first cfg file opened during that session of MCS-Config. Resolution: Set the directory to the current directory when the save dialog window is opened.
4. In REFR config types V14 and V17 on the RO Info screen the RO Index Assistant is displaying the LLS2 depending on the type of defrost set which is incorrect, should show LLS2 and LLS3 no matter what the defrost type. Resolution: Take the defrost types out of the test.
5. In REFR config types V14 and V17 on the MAG REFR Info screen under the Evaporator section on the Use AIR Defrost as Primary panel when the YES is selected the Standard Defrost Types disable the Time Off and Electric options. All should be enabled. Resolution: Leave all options enabled for the YES and NO options.
6. In ALL MICRO MAG config types V12-RTU & Chiller on the Schedule screen the Schedule #1 and #2 are flipped when transmitting to the MicroMag controller via MCS-Connect. Resolution: The captions for the grids are misnumbered, changing captions to label the grids correctly in the grids property field.
7. In ALL config types V17 on the MAG INFO screen under the Condenser info section the Sump Temp caption changes to Exhaust Fan DI when certain types of compressors are selected on the Comp Info screen Comp Type drop down. When the Comp Type selected is Hartford Screw Comp the Sump Temp

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caption should stay sump temp. Resolution: Remove Hartford Screw Comp from the tests that change the caption to Exhaust Fan DI.

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