



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 18.00X 8/30/2017

Updates from previous versions:

New Features:

1. In SKM config types MicroMag V18 on the MICROMAG SKM INFO screen under the General section on the Supervisory Controls panel when the Mode Selection is set to Analog or Digital the Mode Selection Switch panel is visible. Adding a new option to that panel called Hard. If this option is selected then three new SI drop down lists will be displayed called Auto, Hand, and Off.
2. In REFR, PSR, and HCRF cfg types V17 adding 16 new Unit states and 4 new Circuit states to the BMS Points sections.
3. In ALL cfg types V17 on the SI Info screen under the Display Type column adding two new sensors called ABB Flt 1(178) and ABB Flt 2(179) to the end of the list. Also, adding 31 new ABB VFD Alarms to the BMS Points Alarms sections.
4. In SKM config types MicroMag V18 on the SI INFO screen under the Display Type column adding the MODE SEL SW si to the drop down list.
5. In ALL cfg types MicroMag-Chiller V18 on the MICROMAG INFO panel under Pump Info adding an RO drop box called Chiller Process Pump.
6. In ALL MICROMAG-RTU & CHILLER V18 cfg types on the MICROMAG INFO screen on the Refrigerant Type panel drop down list add all refrigerant types that are in the magnum types

Bug Fixes:

1. In SKM and uMag config types MicroMag V12 and V18 on the MICROMAG SETPOINT INFO screen under the Name column changing setpoint #126 name from SPARE STPT to CondStart %.
2. In ALL cfg types V17 and V18 on the MAG Info screen under the Evap/Cooling Info screen on the Refrigerant Type panel sorting the list in numerical order.
3. In ALL cfg types V17 on the SI Info screen under the Display Type column when the type is Modbus, User Defined, Lookup Table SI, or Percent and the secondary type is digital the Display Text column is not enabled. Resolution: Add Modbus, User Defined, and Percent with Digital secondary display type to the test for that column.

Any questions regarding this release, contact:
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4. In LWC cfg types V11, V14, and V17 on the BMS Points Info screen under the Setpoints section the wrong setpoints are being displayed because they need to be active to show. Resolution: Add the test for the setpoint to be active, and add the separate source code to make the AV point numbers match the magnum setpoint AV point numbers.
5. In ALL cfg types V17 on the SI Info screen under the Select Display Type column when the Display Type is User Logic if the User Logic Wizard is opened and OK or CANCEL is clicked sometimes the Select Display Type column is being set to SPARE. Resolution: This was happening only in Windows 10 due to the Sheridan Data Widgets Add In drop box saving the wrong value to the display_type memory location sometimes when any pop up is displayed. If a popup is to be displayed added source code that sets the memory location again to the correct value.
6. In ALL cfg types V14 on the Setpoint Info screen under the SEC to Ignore Safety, Window to Ext. Safety Time(SEC), Safety Time Extension(SEC) when a cfg is converted from V11 to V14 setpoints 231 thru 255 are setting these three columns memory location to 255 instead of 0. Resolution: In the ConvertToV17 function set the memory locations for those three fields to 0.
7. In MHRC, HVAC, CENT, and RTU cfg types V17 on the Circuit SI screen on the 2nd table under the Evap Suction PSI column the cells are blank. Resolution: Added source code to handle both memory locations for the columns in the Update function.
8. In ALL cfg types V17 on the SI Info screen under the Sensor Fault Hi & Lo columns when the Display Type is PERCENT the columns are not doing correct decimal conversion. Resolution: Add the PERCENT display type to the test for those columns.
9. In ALL MICROMAG cfg types V18 there is a memory location that is set in V12 cfg version but not able to change in V18 version. Resolution: In the fileRead function once the memory structure is loaded set the rtu_eerom memory location #17 to the value stored in #44.
10. In ALL cfg types V17 that use the Circuit Base screen and utilize the Fast SSH functionality the values that are set on the Setpoint grid for Setpoint #20 Value and Min columns are incorrect. Resolution: Make the value column for setpoint #20 to white and editable instead of grayed out and non-editable and make the Min column value 10 instead of 90.
11. In ALL cfg types V17 that use the BMS Points screen under the Setpoints section the AV values for the Magnum points and MCS-BMS-GATEWAY points are incorrect. Resolution: Add 2 extra loop methods that assign the correct AV values to the BMS setpoints grids.
12. In ALL cfg types V17 on the BMS Points screen under the Unit Control section on the Unit Modes chart there are some modes missing. Resolution: Add the missing modes to the chart.
13. In HVAC, MHRC, and CENT cfg types V17 on the MAG INFO screen under the Compressor Info section when the form load event runs the Turbo Ice Machine option and Fast Unload Delay tests are incorrect. Resolution: Correct the test for turbo ice machine to test the hex 20 bit instead of for 0. Correct the range for fast unload delay to less than 30 or greater than 120.
14. In HVAC, MHRC, and CENT cfg types V17 on the MAG INFO screen under the Compressor Info section on the Lube State Oil Setpoint, Oil Heater Control Setpoint, and Wanted FLA-starting next Compressor panels there is an option that is no longer used. Resolution: Delete the options and comment out any source code that goes along with them.

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15. In HVAC, MHRC, PAO, RTU, and CENT cfg types V17 on the Circuit Base screen first grid the Fast Unloader column is not working correctly. Resolution: The source code that sets the memory location is using the structure for REFR instead of the structure for NOT REFR.

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