



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 18.01D 04/05/2018

Updates from previous versions:

New Features:

1. In CENT cfg types V17 on the CENT INFO screen under the Compressor Info section adding a new compressor type called Hanbell RTM and it will be saved as #25 in the list. Also, making changes to the RO Sequence assist window on the RO Info screen, Circuit Base screen Output and Sensor grid(changing captions of last 3 columns when CENT type and adding a column to show only when Hanbell RTM Comp Type called Vane Actuator AO stored in circuit_eerom #34), making the Subcooler columns on the 3rd circuit base grid visible when CENT type, and adding new states to the Comp Info screen under BMS Points.
2. Adding 4 new config types to the end of the cfg type list: CDI(161), DBHVAC(162), DBRTU(163), and DBCENT(164).
3. In ALL config types that support the BMS Points screen under the Fixed Alarms section adding several new alarms to the end of the Fixed Alarms list.
4. In ALL config types V17 when opening a cfg file if the cfg type is an OEM specific type then mcs-config will test the encrypted file for a valid computer install of OEM specific MCS-Config program.
5. In ALL config types V17 and V18 on the MAG and MICROMAG INFO screen under the Cooling or Evaporator Info screens adding a new refrigerant type to the Refrigerant Type drop down list box called 453a and will be saved as #33.
6. In ALL config types V17 that support the Subcooler columns on the Circuit Base screen on the Condenser grid adding functionality to set setpoints 65 thru 72 to a certain set of values just as the Fast SSH works. Also, adding exv_control_logic byte to circuitV17eerom #95 that will be used for Fast SSH(2) and the new Evap Approach logic under the Evaporator EXV Control column on the Circuit Base screen Condenser Grid.
7. In ALL config types V18 MICRO MAG Chiller on the MICROMAG SETPOINT INFO screen under the Name column changing setpoint #143 name from SPARE STPT to HGB CONTROL. Also, with this change there will now be a new value range in the Zone Value, Zone MIN, and Zone MAX columns which will be -32768 to 32767.

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

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Bug Fixes:

1. In ALL cfg types V11, V14, & V17 on the SI Info Screen under the Display Type column when the type is MODBUS or ModbusHex when the display type drop down is set and the OK button is clicked the Select Display Type column on the SI Info grid is not updated to the selected display type. Resolution: Set the SI grid column to the selected display type in the MODBUS popup when the OK button is clicked.
2. In ALL cfg types V11, V14, & V17 on the BMS Info Screen when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked the BACnet file that is created is incorrect under the Dynamic Parameters section on the client side because it sets the High Limit for Change_Node_ID and Change_System_MAC_Addr to 18127 and 127 when the MCS-BMS-GATEWAY is programmable to 18255. Resolution: Change the setting from 127 to 255 in the creation of the BACnet csv file method.
3. In ALL config types V17 on the System screen the Config Type drop down list should be locked from users changing to a different value. Resolution: Set the enabled property of the drop down list to False.
4. In ALL config types V17 on the SI Info page under the Auto/Manual column Modbus, Percent, User Defined, Modbus Hex types are changing column from Manual OFF to Manual ON after a different row is clicked. Resolution: Add types to test.
5. In ALL config types that support the Circuit Base screen on the Condenser grid under the Evaporator EXV Control column when Fast SSH is selected a user response prompt is displayed. Changing the message box popup to a form with radio buttons to select a certain set of default values to be set on the setpoint screen for #9-20.
6. In ACU config types V6 on the ACU V8 Info screen when the button(ACU V8 Info) to load the form is clicked a Run-time error 380 is displayed and the application crashes. In the resize method of the form the SmallChange property of the vertical scroll is being assigned a value that is a quotient that evaluates to a mathematical error when dividing the VScroll.max property by 6 outside of the test for the VScroll.max being less than 50. Resolution: Move the SmallChange property assignment from outside of the test into both the If and Else conditions. This fix was done on several forms in bug fix '17.00Z-004-fmh but not all. Implementing this fix in ALL forms that are incorrect in the resize method for backward compatibility.
7. In ALL config types V11, V14, and V17 when opening a config file that has an error in its relay sequence the popup warning for the error is displayed before the AuthPopup is displayed. Resolution: Move the Set_RO_Indexes calls to somewhere after the AuthPopup is displayed.

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