



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 14.01G 04/28/2014

Updates from previous versions:

New Features:

1. In CENT config types V14 that support BMS Points under the Unit Control Info section on the Unit State Chart changing the values for State #12 and #30 from NOT USED to OFF-NO COND FLOW(#12) and SWITCHING MODES(#30).
2. In ALL config types V11, V12, and V14 that support BMS Points when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked and the .csv files are created, adding two commented out rows to the top of the file directly under the MCS-Config Version row. MAGNUM: The first new row will hold the BACnet ID and the second new row will hold the IP Address. MICRO-MAG: The first new row will hold the BACnet ID and the second new row will hold the MAC Address.
3. In ALL config types V14 on the Setup screen under the RS485 Communication section adding a new Protocol Type to the drop down called CPM. With this new type the MCS Protocol Address caption will change to CPM Protocol Address and the Address range will be 0-9. Once the Protocol Type is set to CPM then the Baud Rate field will not be visible and the Baud Rate memory location will be set to 38400.
4. In CPM config types V14 on the MAG CPM screen under the General Info section on the Sensors panel adding two new SI drop downs called Warning RO and Alarm RO.
5. In CPM config types V14 on the MAG CPM screen under the Pump Info section on the Pump grid removing the Flow Switch column and making the memory location for it a filler. On the Pump Group grid next to the # of Pumps on per Chiller column adding a new column called # of Pumps to Force On and at the end of the grid adding two new columns called VFD Fault and Flow Switch. The new memory locations will be # of Pumps to Force On, VFD Fault, Flow Switch.
6. In CPM config types V14 on the MAG CPM screen under the General Info section adding a panel that will hold the control options for the CPM. There will be a Chiller Staging Method, Control On:, and Isolation Valves Located On:.
7. In HVAC and CENT config types V14 adding a new radio button to the Info section called CPM Info. This radio button will show a new panel named CPM that will contain a YES/NO visibility toggle. When YES all panels for CPM will be shown. New SI drop down on CPM called Chiller Isolation Valve Proof.

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

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Bug Fixes:

1. In ALL config types on the About pop up screen the Release Date is incorrect. Resolution: changed the format function to format the date that is entered in the source code and not the system date.
2. In ALL config types V11 and V14 that support BMS Points on the BMS Points screen under the setpoints and writable setpoints sections the BACnet MSTP ID AV values column is incorrect showing the writable AV values starting directly after the last writable SI value. Resolution: The last AV value for writable SI's is 812 so the range for writable setpoints is 813-1068.
3. In ALL config types V11 and V14 that support BMS Points when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked and the BACnet .csv file is created on the Server side of the file under the Writable Values section under the Units column if the point is a writable SI and the Secondary Display Type is set to a STATIC-2 dec type then the Units column should show Inches-of-Water instead of PSI. This is also true for the writable setpoints only if the writable setpoint is #197 or #225. Resolution: Add a test to the source code that checks those parameters and if true then set the columns text to Inches-of-Water instead of PSI.
4. In the CPM config types V14 on the MAG CPM screen under the General Info section on the Chillers panel the # of Standby Chillers calculated value is incorrect and the # of Stanby Chillers is not needed to display as this memory location is not being saved in the file because it is a calculated value. Resolution: When calculating the amount that the # of Standby Chillers the formula should be # of Chillers value minus the # of Primary Chillers instead of 10 minus the # of Primary Chillers. Also, removing the # of Stanby Chillers visibility and changing the byte that it was previously saved in to a filler and setting it to FF.
5. In ALL config types V14 TC_COND_RST sensor type is missing from the Display Type drop list on the SI Info screen. Resolution: Added the constant variable back to the vector list for V14.
6. In CPM config types V14 on the MAG CPM screen under the General Info section on the Groups panel on the Pumps panel the # of Pumps Field was not initialized with a memory location. Resolution: Adding the memory location to eerom.
7. In CPM config types V14 on the MAG CPM screen under the Chiller Info section under the Network Address column changing the max limit from 99 to 10 and adding source code tests to not allow the same address to be repeated twice in two rows. Also, under the CHilled water pump group column changing the max limit from 10 to 5.

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