



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 14.01N 08/18/2014

Updates from previous versions:

New Features:

1. In ALL MicroMag config types on the MICRO MAG screen RTU under the Cooling Info section on the Dehumidification panel adding two new YES/NO conditions: 1.) Allow Primary/Auxiliary Heat During Dehumidification? 2.) Allow Auxiliary/Emergency Heat During Dehumidification? Condition 2 will not be visible and will be set to NO if condition 1 is set to NO.
2. In CPM config types V14 on the MAG CPM screen under the General Info section on the Relays panel adding an RO drop down combo box called CPM Running Light RO.
3. In CPM config types V14 on the MAG CPM screen under the General Info section on the Sensors panel adding two new SI drop down combo boxes called Demand Limit and Demand Steps.
4. In CPM config types V14 on the MAG CPM screen under the Pump Info section on the Pump grid adding a new column called Pump Flow Switch that will be an SI drop down.
5. In CPM config types V14 on the MAG CPM screen under the Pump Info section on the Pump Group grid adding a new column called Pumps Off When Unoccupied that will be a YES/NO condition.
6. In CPM config types V14 on the MAG CPM screen under the Cooling Tower section adding four columns to the grid: Total # of Cooling Tower Faults, Total # of Cooling Tower Ctrl Sw, Total # of Running Lights, and Total # of Alarm Lights. Also, splitting the cooling tower grid into two sections. Moving the entire right half of the grid to another grid and placing it below the original grid.
7. In CPM config types V14 on the MAG CPM screen under the General Info section on the Sensors panel adding a drop down combo box called Network Run Switch.
8. In CPM config types V14 on the RO, SI, and AO info screens User Logic wizard popup adding new drop down combo boxes for CPM states and pointers. There will be a new Operand list and a new type list per new operand.
9. In CPM config types V14 on the MAG CPM screen under the General Info tab on the Control Options panel adding the Lost BMS Communication panel that will have three options on it: Run, Stop and No Change.

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

Micro Control Systems, Inc. 5580 Enterprise Parkway Fort Myers, Florida 33905
(239)694-0089 FAX: (239)694-0031 www.mcscontrols.com

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Bug Fixes:

1. In ALL config types V14 on the Circuit Base screen on the second grid under the EXV Output column once the cell is set to Not Used and the form is reloaded the cell is set to the SPARE5-1 field of the AO grid. Resolution: The test that is assigning this value to the cell is assigning a numeric value for the index instead of a character value causing an incorrect number to be stored in memory.
2. In ALL config types V11 and V14 on the BMS Points screen when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked and the BACnet csv file is created there is a parameter missing on the server side of the file under the Nodes section called node_option and the setting of cov_disable. Resolution: In the function that creates the BACnet csv file adding the Node_Option column and inserting the cov_disable setting into it.
3. In ALL config types V14 on the BMS Points screen under the alarms section on the Alarm Types grids the charts that are being displayed are not entirely correct. On the Setup screen if the BACnet MV Values Start At: selection is set to Zero then the charts that are displayed are Fixed, Setpoint, and Points Alarms only for all communication protocols. If the selection is set to One then the Alarm Types and Alarm Points charts are displayed which is not correct for ALL protocols. Resolution: Adding two new radio buttons to the grid header: 1.) Modbus and 2.) BACnet. If the selection is set to Zero then the first radio button will show as Modbus/BACnet and only show the Fixed, Setpoint, and Points Alarms. If the selection is set to One then the first radio button will show Modbus and if selected will show the Fixed, Setpoint, and Points Alarms. The second radio button will show as BACnet and if selected will display the Alarm Types and Alarm Points charts.
4. In ALL config types V11 and V14 on the SI Info screen under the Display Type column when the Display Type for M13 to M16 is selected as 485 RUN and the row is clicked off the Display Type column changes to show BMS RUN. Resolution: Change the values for the four digital inputs from 485 RUN to BMS RUN.
5. In ALL config types V11 and V14 on the SI Info screen under the Sensor Fault Low and Sensor Fault High columns if the value is set to 0 or 255 then the value is not saved and set back to the sensor default value for Disabled. Resolution: Change the test in the update function that is looking at the memory location to be 0 or 255 and sets the location back to default to just test for the value being out of range.
6. In CPM config types V14 when a cfg file is opened the Circuit Index Sequence Assistant is ran and displays an error because CPM cfg types do not use the Circuit Base screen which is what the Assistant tests for. Resolution: Add CPM to the type test before running the Assistant's function. Also, hiding the Assistant on the right side of the RO grid.
7. In CPM config types V14 on the MAG CPM screen under the General Info section on the Groups panel moving the Pumps, Exhaust Fans, Cooling Towers, and Cooling AHU's panels to their respective sections at the top of the screens above the grids.
8. In CPM config types V14 on the MAG CPM screen under the Chiller Info section under the Chilled Water Isolation Valve(s), Chilled Water Valve(s) Open, Cooling Tower Isolation Valve(s), and Cooling Tower Valve(s) Open columns changing the captions of the columns to Chilled Water Isolation Valve(s) RO, Chilled Water Valve(s) Fully Open Feedback, Cond Water Isolation Valve(s) RO, and Cooling Tower Valve(s) Fully Open Feedback.

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9. In CPM config types V14 on the MAG CPM screen under the Pump Info, Cooling Tower Info, Exhaust Fan Info, and Cooling AHU Info sections there is a column labeled Enable/Disable SI on each of the grids. Changing the caption to Disable Switch.

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