



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 9.04E 01/22/2013

Updates from previous versions:

New Features:

1. In RTU, HVAC, and CENT config types on the MAG info screen under the condenser section when the condenser type is any of the three Modulating types the Default Valve Opening % When Compressor is OFF panel is displayed. Changing the panel's caption to: Default Analog Output % When Compressor is OFF and changing the radio selection: Valve % defined by Setpoint #52 to Analog Output % defined by Setpoint #52. Creating a new panel with a caption: Start Control on Analog Output... which will contain two radio selections: Above Control Zone and Below, But Near, Control Zone. If Above Control Zone is set then Setpoint #48 will be set to 1, if Below, But Near, Control Zone is selected then Setpoint #48 will be set to 0. Both of these panels will only be visible when the condenser type is a Modulating type.
2. In ALL V11 config types on the BMS-Points screen and print modifying the layout of all grids that contain point mapping for BMS so the grids will now display the BACnet ID and name, the Modbus register # and amount of decimal places, BACnet MSTP ID and name, Johnson N2 ID, and LONTALK PT name and Type.
3. In HVAC, CENT, and RTU cfg types on the MAG INFO screen under the compressor section adding a new panel called Slide Position Indicator with two radio options on it: FLA% and Slide Control. If FLA% is selected then setpoint #143 Time(SEC) column will be set to 0 else setpoint #143 Time(SEC) column is set to 1.
4. In MicroMag config types adding 2 new RO names to the RO grid. Adding 8 new SI names to the SI grid.
5. In ALL config types on the Setup screen adding a YES/NO radio selection that asks the user if they would like to activate the feature that moves the cursor on the Magnum keypad display after the user quits pressing the keys. YES sets machineeerom_V11.control bit 1(xxxx xx1x) and NO clears it(xxxx xx0x). Also, changing the current machineeerom_V11.control byte that is set on the MAG INFO screen under the compressor info section on the Unload Running Compressor(s) Before Turning Off A Compressor?. This YES/NO selection will now set the 0 bit(xxxx xxx1) for YES and clear it(xxxx xxx0) for NO.

Any questions regarding this release, contact:
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Bug Fixes:

1. In ALL V11 config types on the BMS Points screen if MCS-Config is opened by double clicking a .cfg file when the user clicks the CREATE MCS-BMS-GATEWAY CSV FILES button the save file dialog box appears and does not have the default filename in the File Name text box like it does when a .cfg file is opened from within MCS-Config. This is true when MCS-Config is opened as well where the filename should be displayed at the top left of the main screen and is not. This is also true when any detail is printed the top of the printed page should contain the filename and it is blank. Resolution: When any file is opened there is a procedure that tests the file for validity and displays an error if the file is invalid. In this procedure will now be a global memory location that holds the filename so all areas of config that display the filename can access the global variable to display it correctly.
2. In ALL V11 config types on the BMS Points screen when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked in the Lontalk, BACnet MSTP, Johnson N2 csv files that are created the Extended BACnet Instance logic is missing. Resolution: Adding the test for BACnet Device ID or Extended BACnet Device ID to all three csv files.
3. In ALL V11 and V12 config types on the MAG info screen the vertical and horizontal scroll are not allowing the whole screen to be moved or seen when in smaller resolutions. Resolution: Correct the value that sets the vertical and horizontal scroll values and place the form panel that holds all of the controls in a Picture Box.
4. In ALL V11 config types on the BMS Points screen when the CREATE MCS-BMS-GATEWAY CSV FILES button is clicked in the Lontalk csv file on the server side if any of the name values are identical or greater than 15 characters then there are file errors on the BMS-Gateway. Resolution: For any point name values that have the chance of being duplicate in MCS-Config put two identifier characters at the end of the name to make each one unique. Resolution: Create and insert a function that tests the length of the dynamically created point name string and truncate any characters above 13. Place notes for this change for user's knowledge in the LONTALK POINT NAME LEGEND at the top of the csv file.
5. In ALL config types when the print option is selected the Print User Interface pop up appears and allows the user to select what they want to print. The AO, RO, and SI User Defined options should actually read User Logic instead. Resolution: Change the label caption properties to read User Logic instead of User Defined.
6. In ALL config types that support AO User Logic when the print option is selected for an AO User Logic the actual point name that the user logic refers to is not printed. Resolution: Add the source code that prints out the AO Point Name with the user logic info.
7. In MicroMag config types on the MICRO MAG RTU panel under the general section on the supervisory controls panel on the Supervisor Mode radio selection panel changing Direct caption to Forced Mode/Staging and changing Indirect to Forced Mode.
8. In HVAC and CENT config types on the MAG INFO screen under the Evaporator Info section on the Economizer Control panel the # of Econ Fans and # of Econ Faults displays the value that is saved in the memory location no matter what the list box limits are. Resolution: Adding a test to the load of the list boxes that will set the value to the minimum number on the list if the value that is saved in memory is greater than the max value on the list.

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