



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 17.12I 01/16/2015

Updates from previous versions:

New Features:

Bug Fixes:

1. Ensured Modbus Write AO type passes straight to pwm_on_ticks like other Modbus AO types
2. Moved the call to the VGD logic before call to the EXV logic - if tandem EXV the comp circuit pointers would not be correct because we call setup_circuit_points for the tandem EXV.
3. Centrifugal Firmware only - Pulse the VGD closed when the comps goes into the "Unloading & Pumpdown" state. Change the logic to force the target to min position when the comp goes into the unloading pumpdown state. Also clear the time delay so the VGD is pulse every second. This will quickly move the VGD to min position define in the lookup table.
4. Review all functions in rtu.c against stpscrew.c. Updated rtu.c except items that are not needed.
5. All changes are related to REFR software
6. CENT Firmware only - Changed the centrifugal comp state name from "Surge SPD/VANE" to "SURGE CONTROL". This heading is correct now for both unit with and without VFD.
7. Additional items in making rtu.c compressor control like stpscrew.c
8. Bacnet device.c: Force an "Abort segmentation not supported" message when encoded object list exceeds max APDU size. Delta is ignoring the error reply. As per their developer we need to a send an abort message and not an error message.
9. All SW Bacnet msv: Changed Bacnet_ALL error code reply information and corrected Modbus SI and Extra alarms STATE TEXT property indexing problem for object instances 142-146. We were returning an invalid state text.

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

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2015. Copying or distributing this document is prohibited unless expressly approved by MCS.