



SOFTWARE RELEASE NOTES

MCS-MICROMAG

Version 15.00N

10/02/2013

Updates from previous versions:

Bug Fixes:

1. Morning Warm-up Time was using the wrong value to determine which setpoint to calculate the morning warm-up time based off of. Resolution: Used the Morning Warm-up Time Setpoint number (103) rather than the value in the Morning Warm-up Time Setpoint (user chosen) to determine which setpoint to read the morning warm-up time from.
2. In the status menu on the keypad, enable temperatures were being displayed based on setpoint cfg structure rather than setpoint ram. Resolution: Used the setpoint ram to display the enable temperatures rather than the setpoint cfg structure.
3. Changed "VFD FAULT" alarm name to "EVAP FAN FLT".
4. Changed Modbus Addressing.
5. Modbus AO M-T was not responding to its holding register. Resolution: Changed a > check to a >= to include the first AO in the array.
6. Modbus setpoints were not responding to the read holding registers command. Resolution: Fixed the initialization of the temporary variable that was used to determine the setpoint value.
7. Analog BMS SIs were not being written properly when written from a backup sensor. Resolution: Ensured that analog BMS SIs wrote to the analog portion of the SI ram rather than the digital portion.
8. Names for BACnet AOs were displaying the wrong AO name. Resolution: Rather than using the object_instance-1, started using object_instance to locate the name_index.
9. BACnet AVs only allowed written value between 0 and 100. Resolution: Removed the check for values to be between 0 and 100 and allowed the individual checks to work.
10. BACnet was not accepting changes to BMS writable SIs. Resolution: MicroMag now accepts changes to BMS writable SI present values.
11. Added individual Reversing Valve Relays to the structure and a second defrosting termination SI.
12. Modbus was giving invalid response when receiving a valid write single register command
Resolution: Modbus now sends valid response when receiving a valid write single register command

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

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13. Modbus was not responding to all the messages it should have responded to. Resolution: Added a function call to allow Modbus to respond to valid messages. Also added in missing Modbus message responses.

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