BACnet Protocol Implementation Conformance Statement

Date: July 6, 2012
Vendor Name: Micro Control Systems
Product Name: MCS-BMS-GATEWAY
Product Model Number: MCS—BMS-GATEWAY
BACnet Protocol Revision: Version 1 Revision 4

Product Description:
The MCS-BMS-GATEWAY converts the MCS-MAGNUM’s BACnet IP interface to BACnet MSTP interface.

BACnet Standardized Device Profile (Annex L):
☒ BACnet Application Specific Controller (B-ASC)

List all BACnet Interoperability Building Blocks Supported (Annex K):
☒ K.1.2 BIBB – Data Sharing – ReadProperty-B (DS-RP-B)
☒ K.1.4 BIBB – Data Sharing – ReadPropertyMultiple-B (DS-RPM-B)
☒ K.1.8 BIBB – Data Sharing – WriteProperty-B (DS-WP-B)

Segmentation Capability:
None

Standard Object Types Supported:
☒ Device Object
☒ Analog Input
☒ Analog Output
☒ Analog Value
☒ Binary Input
☒ Binary Output
☒ Binary Value
☒ Multi State Input
☒ Multi State Output
☒ Multi State Valve
☒ Notification Class Object

Data Link Layer Options:
☒ BACnet IP, (Annex J)
☒ MS/TP master (Clause 9), baud rate up to 76.8 Kbps

Device Address Binding:
Not Supported

Networking Options:
☒ BACnet/IP Broadcast Management Device (BBMD)
☒ Registrations by Foreign Devices
Network Security Options:
☒ Non-secure Device - is capable of operating without BACnet Network Security

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

☒ ISO 10646 (UTF-8) ☐ IBM™/Microsoft™ DBCS ☐ ISO 8859-1
☐ ISO 10646 (UCS-2) ☐ ISO 10646 (UCS-4) ☐ JIS X 0208

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

LonWorks
Metasys N2