

## 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