BACnet Protocol Implementation Conformance Statement

Date: April 24, 2012
Vendor Name: Setra Systems
Product Name: Multi-Room Monitoring Station
Product Model Numbers: MRMS
BACnet Protocol Version: Version 1 Rev.4
Product Description: MRMS is a touch screen device that allows nurses and other personnel to monitor the pressure, temperature, humidity, ACH and door status of a room based on the configuration (can be configured up to eight rooms). It's designed for displaying the pressure with alarm or warning status, Temperature, Humidity and ACH values read from multiple devices (SRCM or RPM) situated in different rooms which are connected through BACnet protocol. The MRMS communicates with the individual devices through a dedicated twisted pair connection using BACnet®-MS/TP communication protocol.

BACnet Standardized Device Profile (Annex L)

- BACnet Application Specific Controller (B-ASC)

BACnet Interoperability Building Blocks (BIBBs) (Annex K)

Application Services (B-ASC)	Designation
Required for B-ASC Profile	
Data Sharing - Read Property – B	DS-RP-B
Data Sharing - Write Property – B	DS-WP-B
Device Management - Dynamic Device Binding – B	DM-DDB-B
Device Management - Dynamic Object Binding – B	DM-DOB-B
Device Management - Device Communication Control – B	DM-DCC-B
Not Required for B-ASC Profile but supported in MRMS	
Data Sharing - Read Property – A	DS-RP-A
Data Sharing - Read Property Multiple – A	DS-RPM-A
Data Sharing - Read Property Multiple – B	DS-RPM-B
Data Sharing - Write Property – A	DS-WP-A
Data Sharing - Write Property Multiple – B	DS-WPM-B
Device Management - Dynamic Device Binding-A	DM-DDB-A
Device Management - Time Synchronization – B	DM-TS-B
Device Management - UTC Time Synchronization – B	DB-UTC-B
Device Management - Reinitialize Device – B	DM-RD-B

Standard Object Types Supported

- **Analog Value**
- **Binary Value**
- **Device**
- **Proprietary Character String Value Object**

Data Link Layer Option

- Master-Slave/Token-Passing (MS/TP) master (Clause 9), baud rates: 9600, 19200, 38400, 76800

Device Address Binding

- Not Supported

Networking Options

- Not Supported

Character Sets Supported

- ANSI X3.4