



BACnet Protocol Implementation Conformance Statement

Date: September 15, 2008

Vendor Name: Setra Systems

Product Name: Room Pressure Monitor

Product Model Numbers: SRPM

BACnet Protocol Version: Version 1 Rev.4

Product Description: RPM shall find its applications in Monitoring pressure of hospital rooms such as operating rooms, isolation rooms and housing contagious patients. This system shall be interfaced to differential capacitive pressure sensors, which shall sense the differential pressure that shall be displayed on a Graphics LCD (128x128 dots). Current equivalent to the differential pressure shall be transmitted as per the standards (4-20mA). Apart from Current mode two different voltage output modes shall be available, [0-5V, 0-10V] corresponding to the differential pressure.

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 RPM	
Data Sharing - Write Property Multiple - B	DS-WPM-B
Device Management - Reinitialize Device - B	DM-RD-B
Alarm and Event-Notification Internal-B	AE-N-I-B
Alarm and Event-ACK-B	AE-ACK-B
BIBB - Alarm and Event-Alarm Summary-B	AE-ASUM-B
Alarm and Event-Enrollment Summary-B	AE-ESUM-B
Alarm and Event-Information-B	AE-INFO-B

Standard Object Types Supported

- Analog Input
- Analog Value
- Binary Input
- Binary Value
- Device
- Event Enrollment
- Multistate Input
- Multistate Value
- Notification Class

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