

1 BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

Date:	February 2014
BACnet Vendor Name:	Sierra Monitor Corporation
BACnet Vendor ID	37
Product Name:	BAS Router
Product Model Number:	FS-Router-BAC
Product Description:	Device to Route between BACnet/IP, ISO 8802-3 and MS/TP networks.
Protocol Conversions:	See FieldServer Technologies list of protocol drivers to determine available protocol conversions.
BACnet Protocol Version:	Version 1 Revision 12

1.1.1 BACnet Standardized Device Profile (Annex L) – [Note: FieldServer is a gateway device]

<input type="checkbox"/> BACnet Operator Workstation (B-OWS)	<input type="checkbox"/> BACnet Application Specific Controller (B-ASC)
<input type="checkbox"/> BACnet Building Controller (B-BC)	<input type="checkbox"/> BACnet Smart Sensor (B-SS)
<input type="checkbox"/> BACnet Advanced Application Controller (B-AAC)	<input type="checkbox"/> BACnet Smart Actuator (B-SA)

1.1.2 BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B Data Sharing – ReadProperty - B
NM-RC-B Network Management – Router Configuration – B
DM-DDB-B Device Management – Dynamic Device Binding - B

1.1.3 Segmentation Capability:

<input type="checkbox"/> Able to transmit segmented messages	Window Size:
<input type="checkbox"/> Able to receive segmented messages	Window Size:

1.1.4 Standard Object Types Supported

Object Type Supported	Can Be Created Dynamically	Can Be Deleted Dynamically
Device	No	No

No optional properties are supported. **NOTE:** The above object is directed supported on the router. The router will pass to the appropriate network al BACnet communications not directed to the router.

1.1.5 Data link Layer Options

<input checked="" type="checkbox"/> BACnet IP, (Annex J)	<input checked="" type="checkbox"/> MS/TP master (Clause 9), baud rate(s): 9600; 19,200; 38,400; 76,800
<input checked="" type="checkbox"/> BACnet IP, (Annex J), Foreign Device	<input type="checkbox"/> MS/TP slave (Clause 9), baud rate(s):
<input checked="" type="checkbox"/> ISO 8802-3, Ethernet (Clause 7)	<input type="checkbox"/> Point-To-Point, EIA 232 (Clause 10), baud rate(s):
<input type="checkbox"/> ANSI/ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s):	<input type="checkbox"/> Point-To-Point, modem, (Clause 10), baud rate(s):

☐ LonTalk, (Clause 11), medium:☐ Other:**1.1.6 Device Address Binding:**

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.)

☐ Yes☒ No**1.1.7 Networking Options:**☒ Router, Clause 6 – routing between BACnet/IP, ISO 8802-3, and MS/TP☐ Annex H, BACnet Tunneling Router over IP☒ BACnet/IP Broadcast Management Device (BBMD)

Does the BBMD support registration by Foreign Devices ☒ Yes ☐ No

1.1.8 Character Sets Supported:

Where support for multiple character sets is indicated, this does not imply that they can all be supported simultaneously.

☒ ANSI X3.4☐ ISO 10646 (UCS-2)☐ IBM/Microsoft DBCS☐ ISO 10646 (UCS-4)☐ ISO 8859-1☐ JIS C 6226**1.1.9 Non-BACnet equipment/networks supported**

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