

## BACnet Protocol Implementation Conformance Statement

<b>Date</b>	February 2014
<b>BACnet Vendor Name</b>	MSA Safety
<b>BACnet Vendor ID</b>	37
<b>Product Name</b>	BAS Router
<b>Product Model Number</b>	FS-Router-BAC and FS-Router-BAC2
<b>Product Description</b>	Device to Route between BACnet/IP, ISO 8802-3 and MS/TP networks
<b>Protocol Conversions</b>	See MSA Safety's list of protocol drivers to determine available protocol conversions
<b>BACnet Protocol Version</b>	Version 1 Revision 12

## BACnet Standardized Device Profile (Annex L)

	BACnet Operator Workstation (B-OWS)
	BACnet Building Controller (B-BC)
	BACnet Advanced Application Controller (B-AAC)
	BACnet Application Specific Controller (B-ASC)
	BACnet Smart Sensor (B-SS)
	BACnet Smart Actuator (B-SA)

## BACnet Interoperability Building Blocks Supported (Annex K)

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

## Segmentation Capability

None

## Standard Object Types Supported

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

\*Device object supports these optional properties: Description, Location, UTC Offset, Active COV Subscriptions, Database Revision.

## Data Link Layer Options

X	BACnet IP, (Annex J)
X	ISO 8802-3, Ethernet (Clause 7)
	ANSI/ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s)
X	MS/TP master (Clause 9), baud rate(s): 9600; 19200; 38400; 76800; 115200
	MS/TP slave (Clause 9), baud rate(s)
	Point-To-Point, EIA 232 (Clause 10), baud rate(s)
	Point-To-Point, modem, (Clause 10), baud rate(s)
	LonTalk, (Clause 11), medium
	Other

### Device Address Binding

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

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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### Network Options

X	Router, Clause 6 – routing between BACnet/IP, ISO 8802-3, and MS/TP
	Annex H, BACnet Tunneling Router over IP
X	BACnet/IP Broadcast Management Device (BBMD)
	Does the BBMD support registration by Foreign Devices <input checked="" type="checkbox"/> YES <input type="checkbox"/> No

### Character Sets Supported

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

X	ANSI X3.4
	ISO 10646 (UCS-2)
	IBM/Microsoft DBCS
	ISO 10646 (UCS-4)
	ISO 8859-1
	JIS C 6226

### 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.