



BAS Router

BACnet Multi-network Router

BACnet Protocol Implementation Conformance Statement (Annex A)

Date: 17 February 2012
Vendor Name: Contemporary Controls
Product Name: BAS Router
Product Model Number: BASRT-B
Applications Software Version: **Firmware Revision:** 2.6 **BACnet Protocol Revision:** 2
Product Description: Device to route between BACnet/IP, ISO 8802-3 and MS/TP networks.

- 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)

List all BACnet Interoperability Building Block Supported (Annex K):
 DS-RP-B Data Sharing — ReadProperty – B DM-DDB-B Device Management — Dynamic Device Binding – B
 NM-RC-B Network Management — Router Configuration – B

Segmentation Capability:

- Able to transmit segmented messages Window Size:
- Able to receive segmented messages Window Size:

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 all BACnet communications not directed to the router.

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s):
- MS/TP master (Clause 9), baud rate(s): 9600; 19,200; 38,400; 76,800
- 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.) Yes No

Networking Options:

- Router, Clause 6 — routing between BACnet/IP, ISO 8802-3, and MS/TP
- Annex H, BACnet Tunnelling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
 Does the BBMD support registrations by Foreign Devices? Yes No

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

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

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

No gateway support.