



BAS Router

BACnet/IP to BACnet MS/TP Router

BACnet Protocol Implementation Conformance Statement (Annex A)

Date: 20 August 2009
Vendor Name: Contemporary Controls
Product Name: BAS Router
Product Model Number: BASRT-B
Applications Software Version: **Firmware Revision:** 1.28 **BACnet Protocol Revision:**
Product Description: Device to route messages between BACnet/IP and MS/TP networks.

BACnet Standardized Device Profile (Annex L):
 BACnet Operator Workstation (B-OWS) BACnet Application Specific Controller (B-ASC)
 BACnet Building Controller (B-BC) BACnet Smart Sensor (B-SS)
 BACnet Advanced Application Controller (B-AAC) 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

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	Yes	Yes

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
 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 — BACnet/IP–MS/TP routing
 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.