CONTEMPORARY CONTROLS®

BAS Router
BACnet Multi-network Router

BACnet Protocol Implementation Conformance Statement (Annex A)

Date: 16 December 2009
Vendor Name: Contemporary Controls
Product Name: BAS Router
Product Model Number: BASRT-B
Applications Software Version: **Firmware Revision:** 2.0   **BACnet Protocol Revision:**

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 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
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.