BASrouterSX
BACnet® Multi-Network Router with Optional GSA Compliance

BACnet Protocol Implementation Conformance Statement (Annex A)

Date:	November 14, 2024
Vendor Name:	Contemporary Controls
Product Name:	BASrouterSX/BASrouterSX-GSA
Product Model Number:	BASRTSX-B/BASRTSX-B-GSA

Applications Software Version: 1.0.2   **Firmware Revision:** 1.4.3   **BACnet Protocol Revision:** 15

Product Description: BASRTSX-B/BASRTSX-B-GSA BACnet® Multi-Network Router with slave proxy support and optional GSA compliance.

BACnet Standardized Device Profile (Annex L):
- ☒ **BACnet Router (B-RTR)**
- ☒ **BACnet Broadcast Management Device (B-BBMD)**

List all BACnet Interoperability Building Block Supported (Annex K):

DS-RP-B Data Sharing — ReadProperty – B
DS-RPM-B Data Sharing – ReadPropertyMultiple – B
DM-DOB-B Device Management — Dynamic Object Binding – B
DM-DDB-B Device Management — Dynamic Device Binding – B
NM-RC-B Network Management — Router Configuration – B
NM-BBMDC-B Network Management — BBMD 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; 57,600; 76,800; 115,200
- ☐ 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.
- ☒ ISO 10646 UTF-8

If this product is a communication gateway, describe the types of non-BACnet equipment/network(s) that the gateway supports: No gateway support.