CONTEMPORARY CONTROLS®

BASrouterLX
High-Performance BACnet Router

BACnet Protocol Implementation Conformance Statement (Annex A)

Date: 12 September 2013

Vendor Name: Contemporary Controls

Product Name: BASrouterLX

Product Model Number: BASRTLX-B

Applications Software Version: 1.0.0   **Firmware Revision:** 1.2.0   **BACnet Protocol Revision:** 7

Product Description: BASRTLX-B High-Performance BACnet Router with slave proxy support.

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-A Data Sharing — ReadProperty – A
DS-RP-B Data Sharing — ReadProperty – B
DS-RPM-B Data Sharing — ReadPropertyMultiple – B
DS-WP-B Data Sharing — WriteProperty – B
DS-WPM-B Data Sharing — WritePropertyMultiple – B

DM-DDB-B Device Management — Dynamic Device Binding – B
DM-DOB-B Device Management — Dynamic Object Binding – B
DM-DCC-B Device Management — Device Communication Control – B
DM-RD-B Device Management — ReinitializeDevice – B
DM-R-B Device Management — Restart – B
DM-LM-B Device Management — List Manipulation – B
NM-RC-B Network Management — Router Control

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): 9600; 19,200; 38,400; 57,600; 76,800; 115,200
- ☐ 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
- ☐ ISO 10646 (UCS-2)
- ☐ IBM™/Microsoft™ DBCS
- ☐ ISO 10646 (UCS-4)
- ☐ ISO 8859-1
- ☐ 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.