

PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

BACnet Protocol Implementation Conformance Statement

Date: 18-Sep-2018

Vendor Name: Cimetrics Inc.

Product Name: Standalone BBMD

Product Model Number: B3060

Application Software Version: 1.1

Firmware Revision: 1.1

BACnet Protocol Revision: 14

Product Description:

Standalone BBMD is a device acting as BBMD with optional capability to register Foreign Devices.

BACnet Standardized Device Profile (Annex L):

BACnet Broadcast Management Device (B-BBMD)

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

DS-RP-B

DS-RPM-B

DM-DDB-B

DM-DOB-B

NM-BBMD-C-B

Segmentation Capability:

Able to transmit segmented messages Window Size 16

Able to receive segmented messages Window Size 16

Standard Object Types Supported:

An object type is supported if it may be present in the device. For each standard Object Type supported provide the following data:

- 1) Whether objects of this type are dynamically creatable using the CreateObject service
- 2) Whether objects of this type are dynamically deletable using the DeleteObject service
- 3) List of the optional properties supported
- 4) List of all properties that are writable where not otherwise required by this standard
- 5) List of all properties that are conditionally writable where not otherwise required by this standard
- 6) List of proprietary properties and for each its property identifier, datatype, and meaning
- 7) List of any property range restrictions

No objects are dynamically creatable or deletable.

No properties are conditionally writable.

No proprietary properties.

device

3) optional properties: Local Time, Local Date, Utc Offset, Daylight Savings Status, Max Segments Accepted, Apdu Segment Timeout, Last Restart Reason, Time Of Device Restart,

4) writable properties: system status

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): _____
- 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: _____
- BACnet/ZigBee (Annex O) _____
- 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 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
 - Does the BBMD support registrations by Foreign Devices? Yes No
 - Does the BBMD support network address translation? 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) IBM™/Microsoft™ DBCS ISO 8859-1
- ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS X 0208

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

NO

Network Security Options:

- Non-secure Device - is capable of operating without BACnet Network Security
- Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
 - Multiple Application-Specific Keys
 - Supports encryption (NS-ED BIBB)