

BACnet Protocol Implementation Conformance Statement

Date: 31-Mar-2017

Vendor Name: Fujitsu General Limited

Product Name: BACnet® Gateway for VRF System

Product Model Number: UTY-ABGXZ1

Application Software Version: 0.3.0.5 Firmware Revision: _____ BACnet Protocol Revision: 14

Product Description:

BACnet® Gateway for VRF system is a product for providing gateway function the building management system to control and monitor VRF air conditioning system of Fujitsu General Limited.

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- BACnet Operator Display (B-OD)
- 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 Blocks Supported (Annex K):

DS-RP-B, DS-RPM-B, DS-WP-B, DS-COV-B, DS-COVU-B, AE-N-I-B, AE-INFO-B, AE-ASUM-B, SCHED-I-B, T-VMT-I-B, DM-DDB-A, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-TS-B, DM-UTC-B, DM-LM-B, DM-R-B

Segmentation Capability:

- Able to transmit segmented messages Window Size 1
- Able to receive segmented messages Window Size 1

Standard Object Types Supported:

Analog Input, Analog Output, Analog Value, Binary Input, Binary Output, Calendar, Device, Multi-State Input, Multi-State Output, Notification Class, Schedule, Trend Log

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
No object is dynamically creatable.
- 2) Whether objects of this type are dynamically deletable using the DeleteObject service
No object is dynamically deletable.
- 3) List of the optional properties supported
No optional property is supported.
- 4) List of all properties that are writable where not otherwise required by this standard
Refer to the section 10 of the Interface Specification.
- 5) List of all properties that are conditionally writable where not otherwise required by this standard
Refer to the section 10 of the Interface Specification.
- 6) List of proprietary properties and for each its property identifier, datatype, and meaning
No proprietary property exists.
- 7) List of any property range restrictions
Refer to the section 10 of the Interface Specification.

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

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)
 - Key Server (NS-KS BIBB)

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:

VRF air conditioning system of Fujitsu General Limited.