

## BACnet Protocol Implementation Conformance Statement

Date: 30-September-2010

Vendor Name: Fujitsu General Limited

Product Name: BACnet<sup>®</sup> Gateway for VRF System

Product Model Number: UTY-ABGX

Application Software Version: 2.0.12-September 30, 2010 Firmware Revision: \_\_\_\_\_ BACnet Protocol Revision: 7.0

### Product Description:

BACnet Gateway for VRF System is a product for providing gateway function to 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 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, 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

### Segmentation Capability:

- Segmented requests supported Window Size 1
- Segmented responses supported 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 9 of the Interface Specification (this document).
- 5) List of proprietary properties and for each its property identifier, datatype, and meaning  
No proprietary property exists.
- 6) List of any property range restrictions  
Refer to the section 9 of the Interface Specification (this document).

**Data Link Layer Options:**

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-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: \_\_\_\_\_
- 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

**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/networks(s) that the gateway supports:**

VRF air conditioning system of Fujitsu General Limited  
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