

BACnet Protocol Implementation Conformance Statement

Date: May 17, 2016

Vendor Name: Cimetrics Inc.

Product Name: Cimetrics BACnet Explorer

Product Model Number: v4.0.0.2 6.6.6 K4 C3 138 1.0.0.2

Application Software Version: v4.0.0.2

Firmware Revision: NA

BACnet Protocol Revision: 14

Product Description:

The Cimetrics BACnet Explorer is a BACnet client and a BACnet Device server. One can discover all of the BACnet devices on all networks or on a particular network by using the Explorer's device discovery mechanism. Some object properties in the discovered devices can be written to.

The Explorer has a user-friendly GUI; the tree structure and two-pane window model is familiar and easy to learn. Configurations can either be auto populated or manually configured. The configured site can be conveniently saved as a .sit or .csv file.

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-A, DS-RPM-A, DS-WP-A, DM-DDB-A, DM-DDB-B, DM-DOB-A, DM-DOB-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

Note: As a BACnet client, the BACnet Explorer is capable of reading/displaying objects in BACnet servers that are of the following standard object types:

Object Type	Optional Properties Supported
Accumulator	Description, Device_Type, Reliability, Value_Change_Time, Value_Before_Change, Value_Set, Logging_Object, Pulse_Rate, High_Limit, Low_Limit, Limit_Monitoring_Interval, Notification_Class, Time_Delay, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name
Analog Input	Description, Device_Type, Reliability, Update_Interval, Min_Pres_Value, Max_Pres_Value, Resolution, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Analog Output	Description, Device_Type, Reliability, Min_Pres_Value, Max_Pres_Value, Resolution, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Analog Value	Description, Reliability, Min_Pres_Value, Max_Pres_Value, Resolution, Priority_Array, Relinquish_Default, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name
Averaging	Description, Minimum_Value_Time_Stamp, Variance_Value, Maximum_Value_Time_Stamp, Profile_Name

Object Type	Optional Properties Supported
Binary Input	Description, Device_Type, Reliability, Inactive_Text, Active_Text, Change_of_State_Time, Change_of_State_Count, Time_of_State_Count_Reset, Elapsed_Active_Time, Time_of_Active_Time_Reset, Time_Delay, Notification_Class, Alarm_Value, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name
Binary Output	Description, Device_Type, Reliability, Inactive_Text, Active_Text, Change_of_State_Time, Change_of_State_Count, Time_of_State_Count_Reset, Elapsed_Active_Time, Time_of_Active_Time_Reset, Minimum_off_Time, Minimum_on_Time, Time_Delay, Notification_Class, Feedback_Value, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Binary Value	Description, Reliability, Inactive_Text, Active_Text, Change_of_State_Time, Change_of_State_Count, Time_of_State_Count_Reset, Elapsed_Active_Time, Time_of_Active_Time_Reset, Minimum_off_Time, Minimum_on_Time, Priority_Array, Relinquish_Default, Time_Delay, Notification_Class, Alarm_Value, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name
Calendar	Description, Profile_Name
Command	Description, Action_Text, Profile_Name
Channel	Description, Reliability, Execution_Delay, AllowGroupDelayInhibit, EventDetectionEnable, Notification_Class, Event_Enable, Event_State, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Device	Description, Location, Structured_Object_List, Vt_Classes_Supported, Active_Vt_Sessions, Local_Time, Local_Date, Daylight_Savings_Status, ApduSegmentTimeout, UTC_Offset, List_of_Session_Keys, Time_Synchronization_Recipients, Max_Master, Max_Info_Frames, Configuration_Files, Last_Restore_Time, Backup_Failure_Timeout, Backup_Preparation_Time, Restore_Preparation_Time, Restore_Completion_Time, Backup_And_Restore_State, Active_Cov_Subscriptions, Max_Segments_Accepted, Slave_Proxy_Enable, Auto_Slave_Discovery, Slave_Address_Binding, Manual_Slave_Address_Binding, Last_Restart_Reason, Time_Of_Device_Restart, Restart_Notification_Recipients, Utc_Time_Sync_Recipients, Time_Sync_Interval, Align_Intervals, Interval_Offset, Serial_Number, Profile_Name
Event Enrollment	Description, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_InhibitRef, Event_Algorithm_Inhibit, Time_Delay_Normal, Fault_Type, Issue_Confirmed_Notifications, Profile_Name
File	Description, Record_Count, Profile_Name
Group	Description, Profile_Name

Object Type	Optional Properties Supported
Global Group	Description, Group_Member_Names, Reliability, Update_Interval, Requested_Update_Interval, Cov_Resubscription_Interval, Client_Cov_Increment, Time_Delay, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Covu_Period, Covu_Recipients, Reliability_Evaluation_Inhibit, Profile_Name
Life Safety Point	Description, Device_Type, Tracking_Value, Life_Safety_Alarm_Values, Alarm_Values, Fault_Values, Time_Delay, Notification_Class, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Setting, Maintenance_Required, Direct_reading, Units, Acked_Transitions, Member_Of, Profile_Name

Object Type	Optional Properties Supported
Life Safety Zone	Description, Device_Type, Tracking_Value, Life_Safety_Alarm_Values, Alarm_Values, Fault_Values, Time_Delay_Normal, Notification_Class, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Maintenance_Required, Event_Enable, Acked_Transitions, Member_Of, Profile_Name
Loop	Description, Reliability, Update_Interval, Proportional_Constant, Proportional_Constant_Units, Integral_Constant, Integral_Constant_Units, Derivative_Constant, Derivative_Constant_Units, Bias, Maximum_Output, Minimum_Output, COV_Increment, Time_Delay, Notification_Class, Error_Limit, Deadband, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Lighting Output	Description, Reliability, Transition, Feedback Value, Power, Instantaneous Power, Min Actual Value, Max Actual Value, Cov Increment Reliability_Evaluation_Inhibit, Profile_Name
Multi-state Input	Description, Device_Type, Reliability, State_Text, Time_Delay, Notification_Class, Alarm_Values, Fault_Values, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Profile_Name
Multi-state Output	Description, Device_Type, Reliability, State_Text, Time_Delay, Notification_Class, Feedback_Value, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Multi-state Value	Description, Reliability, State_Text, Priority_Array, Relinquish_Default, Time_Delay, Notification_Class, Alarm_Values, Fault_Values, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Time_Delay_Normal, Reliability_Evaluation_Inhibit, Profile_Name
Notification Class	Description, Profile_Name
Network Security	Description, Profile_Name
Notification Forwarder	Description, Reliability_Evaluation_Inhibit, Profile_Name
Program	Description_of_Halt, Reason_for_Halt, Program_Location, Description, Instance_of, Reliability, Event_Detection_Enable, Notification_Class, Event_Enable, Event_State, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Pulse Converter	Description, Input_Reference, Reliability, COV_Increment, COV_Period, Notification_Class, Time_Delay, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name
Schedule	Description, Event_Detection_Enable, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Trend Log	Description, Start_Time, Stop_Time, Log_Device_Object_Property, Log_Interval, COV_Resubscription_Interval, Client_COV_Increment, Align_Intervals, Interval_Offset, Trigger, Reliability, Notification_Threshold, Records_Since_Notification, Last_Notify_Record, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Profile_Name
Event Log	Description, Reliability, Start_Time, Stop_Time, Notification_Threshold, Records_Since_Notification, Last_Notify_Record, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Trend Log Multiple	Description, Reliability, Start_Time, Stop_Time, Align_Intervals, Interval_Offset, Trigger, Notification_Threshold, Records_Since_Notification, Last_Notify_Record, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Profile_Name
Load Control	Description, State_Description, Reliability, Full_Duty_Baseline, Notification_Class, Time_Delay, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name
Structured View	Description, Node_Subtype, Subordinate_Annotations, Profile_Name

Object Type	Optional Properties Supported
Access Door	Description, Door_Status, Lock_Status, Secured_Status, Door_Members, Door_Unlock_Delay_Time, Door_Alarm_State, Masked_Alarm_Values, Maintenance_Required, Time_Delay, Notification_Class, Alarm_Values, Fault_Values, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name
Access Credential	Description, Days_Remaining, Uses_Remaining, Absentee_Limit, Belongs_To, Last_Access_Point, Last_Access_Event, Last_Use_Time, Trace_Flag, Threat_Authority, Extended_Time_Enable, Master_Exemption, Passback_Exemption, Occupancy_Exemption, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Access Point	Description, Authentication_Policy_List, Authentication_Policy_Names, Verification_Time, Lockout, Lockout_Relinquish_Time, Failed_Attempts, Failed_Attempt_Events, Max_Failed_Attempts, Failed_Attempts_Time, Threat_Level, Occupancy_Upper_Limit_Enforced, Occupancy_Lower_Limit_Enforced, Occupancy_Count_Adjust, Accompaniment_Time, Access_Event_Authentication_Factor, Muster_Point, Zone_To, Zone_From, Notification_Class, Transaction_Notification_Class, Access_Alarm_Events, Access_Transaction_Events, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Profile_Name
Access Rights	Description Accompaniment Reliability_Evaluation_Inhibit, Profile_Name
Access User	Description, User_Name, User_External_Identifier, User_Information_Reference, Members, Member_Of, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Credential Data Input	Description, Reliability, Supported_Format_Classes, EventDetectionEnable, Notification_Class, Event_Enable, EventState, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Reliability_Evaluation_Inhibit, Profile_Name
Characterstring Value	Description, Event_State, Reliability, Out_Of_Service, Time_Delay, Priority_Array, Relinquish_Default, Time_Delay_Normal, Notification_Class, Alarm_Values, Fault_Values, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Profile_Name
Date Pattern Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name
Date Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Datettime Pattern Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name
Datettime Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name
Integer Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Min_Pres_Value, Max_Pres_Value, Resolution, Profile_Name

Object Type	Optional Properties Supported
Large Analog Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Min_Pres_Value, Max_Pres_Value, Resolution, Profile_Name
Octetstring Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Profile_Name

Object Type	Optional Properties Supported
Positive Integer Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, COV_Increment, Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband, Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Min_Pres_Value, Max_Pres_Value, Resolution, Profile_Name
Time Pattern Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name
Time Value	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
Access Zone	Description, Occupancy_Count, Occupancy_Count_Enable, Adjust_Value, OccupancyUpperLimit, OccupancyLowerLimit, CredentialsInZone, LastCredentialAdded, LastCredentialAddedTime, LastCredentialRemoved, LastCredentialRemovedTime, PassbackMode, PassbackTimeout, Time_Delay, Notification_Class, Alarm_Values, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name
Alert Enrollment	Description, Event_Message_Texts, Event_Message_Texts_Config, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Profile_Name

Object Type	Optional Properties Supported
BitString Value	Description, Bit_Text, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, Cov_Increment, Time_Delay, Notification_Class, Alarm_Values, Bit_Mask, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, Time_Delay_Normal, Profile_Name

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

Note: Static device binding in the BACnet Explorer requires that the user manually enter the BACnet network number and MAC address of the target device.

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 NoDoes 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:**

NA

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)