

# BACnet Protocol Implementation Conformance Statement

**Date:** April, 2023

**Vendor Name:** Cimetrics Inc.

**Product Name:** Cimetrics BACnet Explorer

**Application Software Version:** v9.0.0.0

**Firmware Revision:** NA

**BACnet Protocol Revision:** 16

## Product Description:

The Cimetrics BACnet Explorer is a BACnet client and 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 modified.

## 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, DS-WP-B, DS-WPM-B, DM-DDB-A, DM-DDB-B, DM-DOB-A, DM-DOB-B, DS-COV-A

## 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
<b>Accumulator</b>	Description, Device_Type, Reliability, Prescale, Value_Change_Time, Value_Before_Change, Value_Set, LoggingRecord, 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
<b>Analog Input</b>	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
<b>Analog Output</b>	Description, Device_Type, Reliability, Min_Pres_Value, Max_Pres_Value, Resolution, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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
<b>Analog Value</b>	Description, Reliability, Min_Pres_Value, Max_Pres_Value, Resolution, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority
<b>Averaging</b>	Description, Minimum_Value_Time_Stamp, Variance_Value, Maximum_Value_Time_Stamp, Profile_Name

Object Type	Optional Properties Supported
<b>Binary Input</b>	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
<b>Binary Lighting Output</b>	Description, Reliability, FeedbackValue, Power, Polarity, Elapsed_Active_Time, Time_of_Active_Time_Reset, StrikeCount, TimeOfStrikeCountReset, EventDetectionEnable, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, ReliabilityEvaluationInhibit, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Profile_Name

Object Type	Optional Properties Supported
<b>Binary Output</b>	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, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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
<b>Binary Value</b>	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, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority
<b>Calendar</b>	Description, Profile_Name
<b>Command</b>	Description, ValueSource, Action_Text, Profile_Name
<b>Channel</b>	Description, ValueSource, 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
<b>CharString Value</b>	Description, EventState, Reliability, OutOfService, TimeDelay, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Notification_Class, Alarm_Value, FaultValues, 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
<b>Device</b>	Description, Location, Structured_Object_List, Vt_Classes_Supported, Active_Vt_Sessions, Local_Time, Local_Date, Daylight_Savings_Status, AduSegmentTimeout, UTC_Offset, 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, ActiveCovMultipleSubscriptions, Profile_Name
<b>Elevator Group</b>	Description, GroupMode, LandingCalls, LandingCallControl, Profile_Name

Object Type	Optional Properties Supported
<b>Escalator</b>	Description, Reliability, ReliabilityEvaluationInhibit, PowerMode, EscalatorMode, EnergyMeter, EnergyMeterRef, FaultSignals, TimeDelay, TimeDelayNormal, 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, NotificationClass, Profile_Name
<b>Event Enrollment</b>	Description, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_InhibitRef, Event_Algorithm_Inhibit, Time_Delay_Normal, Fault_Type, FaultParameters, ReliabilityEvaluationInhibit, Profile_Name
<b>File</b>	Description, Record_Count, Profile_Name
<b>Group</b>	Description, Profile_Name
<b>Global Group</b>	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 BACnetClientCOV

Object Type	Optional Properties Supported
<b>Life Safety Point</b>	ValueSource, Description, Device_Type, Life_Safety_Alarm_Values, Alarm_Values, Fault_Values, EventEnable, 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
<b>Life Safety Zone</b>	ValueSource, Description, Device_Type, Time_Delay, 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

Object Type	Optional Properties Supported
<b>Lift</b>	Description, Reliability, ReliabilityEvaluationInhibit, FloorText, CarDoorText, AssignedLandingCalls, MakingCarCall, RegisteredCarCall, CarAssignedDirection, CarDoorCommand, CarDoorZone, CarMode, CarLoad, CarLoadUnits, NextStoppingFloor, TimeDelay, TimeDelayNormal, EnergyMeter, EnergyMeterRef, CarDriveStatus, LandingDoorStatus, HigherDeck, LowerDeck, Event_Message_Texts, Event_Message_Texts_Config, Event_Detection_Enable, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Reliability_Evaluation_Inhibit, EventTimeStamps, Event_Enable, Acked_Transitions, NotifyType, NotificationClass, Profile_Name

Object Type	Optional Properties Supported
<b>Loop</b>	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
<b>Lighting Output</b>	Description, Reliability, Transition, Feedback Value, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Power, Instantaneous Power, Min Actual Value, Max Actual Value, Cov Increment Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
<b>Multi-state Input</b>	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, TimeDelayNormal, ReliabilityEvaluationInhibit, Profile_Name
<b>Multi-state Output</b>	Description, Device_Type, Reliability, State_Text, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Interface_Value

Object Type	Optional Properties Supported
<b>Multi-state Value</b>	Description, Reliability, State_Text, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority

Object Type	Optional Properties Supported
<b>Network Port</b>	Description, RefPort, Command, MacAddress, LinkSpeeds, LinkSpeedAutonegotiate, NetworkInterfaceName, BacnetIpMode, IpAddress, BacnetIpUdpPort, IpSubnetMask, IpDefaultGateway, BacnetIpMulticastAddress, IpDnsServer, IpDhcpEnable, IpDhcpLeaseTime, IpDhcpLeaseTimeRemaining, IpDhcpServer, BacnetIpNatTraversal, BacnetIpGlobalAddress, BacnetIpv6Mode, Ipv6Address, Ipv6PrefixLength, BacnetIpv6UdpPort, Ipv6DefaultGateway, BacnetIpv6MulticastAddress, Ipv6DnsServer, Ipv6AutoAddressingEnable, Ipv6DhcpLeaseTime, Ipv6DhcpLeaseTimeRemaining, Ipv6DhcpServer, Ipv6ZoneIndex, BbmdBroadcastDistributionTable, BbmdAcceptFdRegistrations, BbmdForeignDeviceTable, FdBbmdAddress, FdSubscriptionLifetime, MaxMaster, MaxInfoFrames, SlaveProxyEnable, ManualSlaveAddressBinding, AutoSlaveDiscovery, SlaveAddressBinding, VirtualMacAddressTable, RoutingTable, EventDetectionEnable, Notification_Class, Event_Enable, Acked_Transitions, Notify_Type, Event_Time_Stamps, Event_Message_Texts, Event_Message_Texts_Config, EventState, Reliability_Evaluation_Inhibit, Profile_Name
<b>Notification Class</b>	Description, Profile_Name
<b>Notification Forwarder</b>	Description, Reliability_Evaluation_Inhibit, Profile_Name



Object Type	Optional Properties Supported
<b>Program</b>	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
<b>Pulse Converter</b>	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
<b>Schedule</b>	Description, WeeklySchedule, ExceptionSchedule, 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
<b>Trend Log</b>	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 BACnetClientCOV
<b>Event Log</b>	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

<b>Object Type</b>	<b>Optional Properties Supported</b>
<b>Trend Log Multiple</b>	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
<b>Load Control</b>	Description, ValueSource, 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
<b>Structured View</b>	Description, Node_Subtype, Subordinate_Annotations, Profile_Name

Object Type	Optional Properties Supported
<b>Access Door</b>	Description, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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, ReliabilityEvaluationInhibit, Profile_Name
<b>Access Credential</b>	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, AuthorizationExemptions, Reliability_Evaluation_Inhibit, Profile_Name

Object Type	Optional Properties Supported
<b>Access Point</b>	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
<b>Access Rights</b>	Description Accompaniment Reliability_Evaluation_Inhibit, Profile_Name
<b>Access User</b>	Description, User_Name, User_External_Identifier, User_Information_Reference, Members, Member_Of, Reliability_Evaluation_Inhibit, Profile_Name
<b>Credential Data Input</b>	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

Object Type	Optional Properties Supported
<b>Characterstring Value</b>	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 Current_Command_Priority
<b>Date Pattern Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority
<b>Date Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority

Object Type	Optional Properties Supported
<b>Datetime Pattern Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority
<b>Datetime Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority

Object Type	Optional Properties Supported
<b>Integer Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority



Object Type	Optional Properties Supported
<b>Large Analog Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority
<b>Octetstring Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Profile_Name Current_Command_Priority

Object Type	Optional Properties Supported
<b>Positive Integer Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority
<b>Time Pattern Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority

Object Type	Optional Properties Supported
<b>Time Value</b>	Description, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, Reliability_Evaluation_Inhibit, Profile_Name Current_Command_Priority
<b>Access Zone</b>	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
<b>Alert Enrollment</b>	Description, Event_Message_Texts, Event_Message_Texts_Config, Event_Algorithm_Inhibit_Ref, Event_Algorithm_Inhibit, Profile_Name

Object Type	Optional Properties Supported
<b>BitString Value</b>	Description, Bit_Text, Event_State, Reliability, Out_Of_Service, Priority_Array, Relinquish_Default, CurrentCommandPriority, ValueSource, ValueSourceArray, LastCommandTime, CommandTimeArray, 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 Current_Command_Priority
<b>Timer</b>	Description Event_State Reliability Out_Of_Service Update_Time Last_State_Change Expiration_Time Initial_Timeout Default_Timeout Min_Pres_Value Max_Pres_Value Resolution List_Of_Object_Property_References Priority_For_Writing Event_Detection_Enable Notification_Class Time_Delay Time_Delay_Normal Alarm_Values Event_Enable Acked_Transitions Notify_Type Event_Time_Stamps Event_Message_Texts Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit Profile_Location 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  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:**

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)