



## Tridium

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## BACnet Protocol Implementation Conformance Statement

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| Fill out date                       | 11-November-2025                                     |
| Vendor Name                         | Tridium Inc.                                         |
| Product Name                        | Niagara 4 Supervisor BACnet Advanced Workstation     |
| Product Model Number                | SUP-0, SUP-1, SUP-2, SUP-3, SUP-10, SUP-100, SUP-UNL |
| BACnet Protocol Version             | 1                                                    |
| BACnet Protocol Revision            | 16                                                   |
| BACnet Device Profile               | B-AWS, B-RTR, B-GW, B-BBMD, B-SCHUB                  |
| BACnet Firmware Revision            | 4.14.3.24                                            |
| BACnet Application Software Version | Tridium 4.14.3.24                                    |

## BACnet Standardized Device Profiles Supported (Annex L)

|   |         |                                            |
|---|---------|--------------------------------------------|
|   | B-XAWS  | Cross-Domain Advanced Workstation          |
| ✓ | B-AWS   | Advanced Operator Workstation              |
|   | B-OWS   | Operator Workstation                       |
|   | B-OD    | Operator Display                           |
|   | B-XAWS  | Cross-Domain Advanced Workstation          |
|   | B-ALWS  | Advanced Life Safety Workstation           |
|   | B-LOD   | Lighting Operator Display                  |
|   | B-ALSWS | Advanced Life Safety Workstation           |
|   | B-LSWS  | Life Safety Workstation                    |
|   | B-LSAP  | Life Safety Annunciator Panel              |
|   | B-XAWS  | Cross-Domain Advanced Operator Workstation |
|   | B-AACWS | Advanced Access Control Workstation        |
|   | B-ACWS  | Access Control Workstation                 |
|   | B-ACSD  | Access Control Security Display            |
|   | B-XAWS  | Cross-Domain Advanced Operator Workstation |
|   | B-AEWS  | Advanced Elevator Workstation              |
|   | B-EWS   | Elevator Workstation                       |
|   | B-ED    | Elevator Display                           |
|   | B-ALCS  | Advanced Lighting Control Station          |
|   | B-LCS   | Lighting Control Station                   |
|   | B-BC    | Building Controller                        |
|   | B-AAC   | Advanced Application Controller            |
|   | B-ASC   | Application Specific Controller            |
|   | B-SA    | Smart Actuator                             |
|   | B-SS    | Smart Sensor                               |
|   | B-LS    | Lighting Supervisor                        |
|   | B-LD    | Lighting Device                            |
|   | B-ALSC  | Advanced Life Safety Controller            |
|   | B-LSC   | Life Safety Controller                     |
|   | B-AACC  | Advanced Access Control Controller         |
|   | B-ACC   | Access Control Controller                  |
|   | B-AEC   | Advanced Elevator Controller               |
|   | B-EC    | Elevator Controller                        |
|   | B-EM    | Elevator Monitor                           |

|   |           |                                    |
|---|-----------|------------------------------------|
| ✓ | B-RTR     | Router                             |
| ✓ | B-GW      | Gateway                            |
| ✓ | B-BBMD    | BACnet Broadcast Management Device |
|   | B-ACDC    | Access Control Door Controller     |
|   | B-ACCR    | Access Control Credential Reader   |
| ✓ | B-SCHUB   | Secure Connect Hub                 |
|   | B-GENERAL | BACnet General                     |

## BACnet Interoperability Building Blocks Supported (Annex K)

### Data Sharing

|   |           |                                  |
|---|-----------|----------------------------------|
| ✓ | DS-RP-A   | ReadProperty - A                 |
| ✓ | DS-RP-B   | ReadProperty - B                 |
| ✓ | DS-RPM-A  | ReadPropertyMultiple - A         |
| ✓ | DS-RPM-B  | ReadPropertyMultiple - B         |
| ✓ | DS-WP-A   | WriteProperty - A                |
| ✓ | DS-WP-B   | WriteProperty - B                |
| ✓ | DS-WPM-A  | WritePropertyMultiple - A        |
| ✓ | DS-WPM-B  | WritePropertyMultiple - B        |
| ✓ | DS-COV-A  | Change Of Value - A              |
| ✓ | DS-COV-B  | Change Of Value - B              |
| ✓ | DS-V-A    | View - A                         |
| ✓ | DS-AV-A   | Advanced View - A                |
| ✓ | DS-M-A    | Modify - A                       |
| ✓ | DS-AM-A   | Advanced Modify - A              |
| ✓ | DS-COVU-A | Change Of Value Unsubscribed - A |
| ✓ | DS-COVU-B | Change Of Value Unsubscribed - B |
| ✓ | DS-COVP-A | Change Of Value Property - A     |
| ✓ | DS-COVP-B | Change Of Value Property - B     |
|   | DS-WG-A   | WriteGroup - A                   |
|   | DS-WG-I-B | WriteGroup - Internal - B        |
|   | DS-WG-E-B | WriteGroup - External - B        |
|   | DS-VSI-B  | Value Source Information - B     |
|   | DS-COVM-A | Change Of Value Multiple - A     |
|   | DS-COVM-B | Change Of Value Multiple - B     |
|   | DS-LSV-A  | Life Safety View - A             |
|   | DS-LSAV-A | Life Safety Advanced View - A    |
|   | DS-LSM-A  | Life Safety Modify - A           |
|   | DS-LSAM-A | Life Safety Advanced Modify - A  |
|   | DS-ACV-A  | Access Control View - A          |
|   | DS-ACAV-A | Access Control Advanced View - A |

|  |            |                                          |
|--|------------|------------------------------------------|
|  | DS-ACM-A   | Access Control Modify - A                |
|  | DS-ACAM-A  | Access Control Advanced Modify - A       |
|  | DS-ACUC-A  | Access Control User Configuration - A    |
|  | DS-ACUC-B  | Access Control User Configuration - B    |
|  | DS-ACSC-A  | Access Control Site Configuration - A    |
|  | DS-ACSC-B  | Access Control Site Configuration - B    |
|  | DS-ACAD-A  | Access Control Access Door - A           |
|  | DS-ACAD-B  | Access Control Access Door - B           |
|  | DS-ACCDI-A | Access Control Credential Data Input - A |
|  | DS-ACCDI-B | Access Control Credential Data Input - B |
|  | DS-LO-A    | Lighting Output - A                      |
|  | DS-LOS-A   | Lighting Output Status - A               |
|  | DS-ALO-A   | Advanced Lighting Output - A             |
|  | DS-LO-B    | Lighting Output - B                      |
|  | DS-BLO-B   | Binary Lighting Output - B               |
|  | DS-LV-A    | Lighting View - A                        |
|  | DS-LAV-A   | Lighting Advanced View - A               |
|  | DS-LM-A    | Lighting Modify - A                      |
|  | DS-LAM-A   | Lighting Advanced Modify - A             |
|  | DS-EV-A    | Elevator View - A                        |
|  | DS-EAV-A   | Elevator Advanced View - A               |
|  | DS-EM-A    | Elevator Modify - A                      |
|  | DS-EAM-A   | Elevator Advanced Modify - A             |

### Alarm and Event Management

|   |           |                             |
|---|-----------|-----------------------------|
| ✓ | AE-N-A    | Notification - A            |
| ✓ | AE-N-I-B  | Notification - Internal - B |
|   | AE-N-E-B  | Notification - External - B |
| ✓ | AE-ACK-A  | Acknowledge - A             |
| ✓ | AE-ACK-B  | Acknowledge - B             |
| ✓ | AE-ASUM-A | Alarm Summary - A           |
| ✓ | AE-ASUM-B | Alarm Summary - B           |
|   | AE-ESUM-A | Enrollment Summary - A      |
| ✓ | AE-ESUM-B | Enrollment Summary - B      |
| ✓ | AE-INFO-A | Information - A             |

|   |            |                                                |
|---|------------|------------------------------------------------|
| ✓ | AE-INFO-B  | Information - B                                |
| ✓ | AE-ELV-A   | Event Log View - A                             |
| ✓ | AE-ELVM-A  | Event Log View and Modify - A                  |
|   | AE-EL-I-B  | Event Log - Internal - B                       |
|   | AE-EL-E-B  | Event Log - External - B                       |
| ✓ | AE-VN-A    | View Notifications - A                         |
| ✓ | AE-VM-A    | View Modify - A                                |
| ✓ | AE-AVN-A   | Advanced View Notifications - A                |
| ✓ | AE-AVM-A   | Advanced View Modify - A                       |
| ✓ | AE-AS-A    | Alarm Summary View - A                         |
|   | AE-LS-A    | LifeSafety - A                                 |
|   | AE-LS-B    | LifeSafety - B                                 |
|   | AE-NF-B    | Notification Forwarder - B                     |
|   | AE-NF-I-B  | Notification Forwarder - Internal - B          |
| ✓ | AE-CRL-B   | Configurable Recipient Lists - B               |
|   | AE-TES-A   | Temporary Event Subscription - A               |
|   | AE-LSVN-A  | Life Safety View Notifications - A             |
|   | AE-LSAVN-A | Life Safety Advanced View Notifications - A    |
|   | AE-LSVM-A  | Life Safety View and Modify - A                |
|   | AE-LSAVM-A | Life Safety Advanced View and Modify - A       |
|   | AE-AC-A    | Access Control - A                             |
|   | AE-AC-B    | Access Control - B                             |
|   | AE-ACAVN-A | Access Control Advanced View Notifications - A |
|   | AE-ACVM-A  | Access Control View and Modify - A             |
|   | AE-ACAVM-A | Access Control Advanced View and Modify - A    |
|   | AE-EVN-A   | Elevator View Notifications - A                |
|   | AE-EAVN-A  | Elevator Advanced View Notifications - A       |
|   | AE-EVM-A   | Elevator View and Modify - A                   |
|   | AE-EAVM-A  | Elevator Advanced View and Modify - A          |

### Scheduling

|   |             |                          |
|---|-------------|--------------------------|
| ✓ | SCHED-AVM-A | Advanced View Modify - A |
| ✓ | SCHED-VM-A  | View Modify - A          |
| ✓ | SCHED-WS-A  | Weekly Schedule - A      |
|   | SCHED-I-B   | Internal - B             |

|  |               |                                |
|--|---------------|--------------------------------|
|  | SCHED-E-B     | External - B                   |
|  | SCHED-WS-I-B  | Weekly Schedule - Internal - B |
|  | SCHED-R-B     | Readonly - B                   |
|  | SCHED-A       | Schedule - A                   |
|  | SCHED-TMR-I-B | Timer - Internal - B           |
|  | SCHED-TMR-E-B | Timer - External - B           |

### **Trending**

|   |            |                                                      |
|---|------------|------------------------------------------------------|
| ✓ | T-V-A      | View - A                                             |
| ✓ | T-AVM-A    | Advanced View and Modify - A                         |
| ✓ | T-VMT-I-B  | Viewing and Modifying Trends - Internal - B          |
| ✓ | T-VMT-E-B  | Viewing and Modifying Trends - External - B          |
| ✓ | T-ATR-A    | Automated Trend Retrieval - A                        |
| ✓ | T-ATR-B    | Automated Trend Retrieval - B                        |
|   | T-VMMV-I-B | Viewing and Modifying Multiple Values - Internal - B |
|   | T-VMMV-E-B | Viewing and Modifying Multiple Values - External - B |
| ✓ | T-AMVR-A   | Automated Multiple Value Retrieval - A               |
|   | T-AMVR-B   | Automated Multiple Value Retrieval - B               |
| ✓ | T-A-A      | Archival - A                                         |
|   | T-VMT-A    | Viewing and Modifying Trends - A                     |
|   | T-VMMV-A   | Viewing and Modifying Multiple Values - A            |

### **Device Management**

|   |          |                               |
|---|----------|-------------------------------|
| ✓ | DM-DDB-A | Dynamic Device Binding - A    |
| ✓ | DM-DDB-B | Dynamic Device Binding - B    |
| ✓ | DM-DOB-A | Dynamic Object Binding - A    |
| ✓ | DM-DOB-B | Dynamic Object Binding - B    |
| ✓ | DM-ADM-A | Automatic Device Mapping - A  |
| ✓ | DM-ANM-A | Automatic Network Mapping - A |
| ✓ | DM-TS-A  | Time Synchronization - A      |
|   | DM-TS-B  | Time Synchronization - B      |
| ✓ | DM-UTC-A | UTC Time Synchronization - A  |
|   | DM-UTC-B | UTC Time Synchronization - B  |

|   |            |                                    |
|---|------------|------------------------------------|
| ✓ | DM-ATS-A   | Automatic Time Synchronization - A |
| ✓ | DM-MTS-A   | Manual Time Synchronization - A    |
| ✓ | DM-DCC-A   | Device Communication Control - A   |
| ✓ | DM-DCC-B   | Device Communication Control - B   |
| ✓ | DM-RD-A    | Reinitialize Device - A            |
| ✓ | DM-RD-B    | Reinitialize Device - B            |
| ✓ | DM-BR-A    | Backup and Restore - A             |
| ✓ | DM-BR-B    | Backup and Restore - B             |
| ✓ | DM-R-A     | Restart - A                        |
| ✓ | DM-R-B     | Restart - B                        |
| ✓ | DM-OCD-A   | Object Creation and Deletion - A   |
| ✓ | DM-OCD-B   | Object Creation and Deletion - B   |
| ✓ | DM-LM-A    | List Manipulation - A              |
| ✓ | DM-LM-B    | List Manipulation - B              |
|   | DM-TM-A    | Text Message - A                   |
|   | DM-TM-B    | Text Message - B                   |
|   | DM-VT-A    | Virtual Terminal - A               |
|   | DM-VT-B    | Virtual Terminal - B               |
| ✓ | DM-SP-VM-A | Slave Proxy - View and Modify - A  |
|   | DM-SP-B    | Slave Proxy - B                    |
|   | DM-DDA-A   | Dynamic Device Assignment - A      |
|   | DM-DDA-B   | Dynamic Device Assignment - B      |
|   | DM-LOM-A   | Lighting Output Management - A     |

## Network Management

|   |            |                                 |
|---|------------|---------------------------------|
| ✓ | NM-RC-B    | Router Configuration - B        |
|   | NM-CE-A    | Connection Establishment - A    |
|   | NM-CE-B    | Connection Establishment - B    |
|   | NM-RC-A    | Router Configuration - A        |
|   | NM-BBMDC-A | BBMD Configuration - A          |
| ✓ | NM-BBMDC-B | BBMD Configuration - B          |
| ✓ | NM-FDR-A   | Foreign Device Registration - A |
| ✓ | NM-SCH-B   | Secure Connect Hub - B          |



|   |           |                                   |
|---|-----------|-----------------------------------|
| ✓ | NM-SCDC-A | Secure Connect Direct Connect - A |
| ✓ | NM-SCDC-B | Secure Connect Direct Connect - B |

### Gateway

|   |         |                      |
|---|---------|----------------------|
|   | GW-VN-B | Virtual Network - B  |
| ✓ | GW-EO-B | Embedded Objects - B |

## **Segmentation Capability**

- ☒ Able to transmit segmented messages, Window Size : 10
- ☒ Able to receive segmented messages, Window Size : 10

## Standard Object Types Supported

| Object               | Creatable | Deletable |
|----------------------|-----------|-----------|
| AnalogInput          |           |           |
| AnalogOutput         |           |           |
| AnalogValue          |           |           |
| BinaryInput          |           |           |
| BinaryOutput         |           |           |
| BinaryValue          |           |           |
| Calendar             | ✓         | ✓         |
| Device               |           |           |
| EventEnrollment      | ✓         | ✓         |
| File                 |           |           |
| Loop                 |           |           |
| MultiStateInput      |           |           |
| MultiStateOutput     |           |           |
| MultiStateValue      |           |           |
| NotificationClass    | ✓         | ✓         |
| Schedule             |           |           |
| TrendLog             | ✓         | ✓         |
| StructuredView       |           |           |
| LargeAnalogValue     |           |           |
| IntegerValue         |           |           |
| PositiveIntegerValue |           |           |

For Writability (W) column, W = Always Writable, CW = Conditionally Writable.

### Analog Input

|   | Property          | W  |
|---|-------------------|----|
| ✓ | Object_Identifier |    |
| ✓ | Object_Name       |    |
| ✓ | Object_Type       |    |
| ✓ | Present_Value     | CW |
| ✓ | Description       | W  |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Device_Type                    |    |
| ✓ | Status_Flags                   |    |
| ✓ | Event_State                    |    |
| ✓ | Reliability                    |    |
| ✓ | Out_Of_Service                 | W  |
| ✓ | Update_Interval                |    |
| ✓ | Units                          |    |
| ✓ | Min_Pres_Value                 | W  |
| ✓ | Max_Pres_Value                 | W  |
| ✓ | Resolution                     |    |
| ✓ | COV_Increment                  | W  |
| ✓ | Time_Delay                     | CW |
| ✓ | Notification_Class             | CW |
| ✓ | High_Limit                     | CW |
| ✓ | Low_Limit                      | CW |
| ✓ | Deadband                       | CW |
| ✓ | Limit_Enable                   | CW |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |
|   | Fault_High_Limit               |    |
|   | Fault_Low_Limit                |    |

|  |                 |          |
|--|-----------------|----------|
|  | <b>Property</b> | <b>W</b> |
|  | Profile_Name    |          |

### Analog Output

|   |                    |          |
|---|--------------------|----------|
|   | <b>Property</b>    | <b>W</b> |
| ✓ | Object_Identifier  |          |
| ✓ | Object_Name        |          |
| ✓ | Object_Type        |          |
| ✓ | Present_Value      | W        |
| ✓ | Description        | W        |
| ✓ | Device_Type        |          |
| ✓ | Status_Flags       |          |
| ✓ | Event_State        |          |
| ✓ | Reliability        |          |
| ✓ | Out_Of_Service     | W        |
| ✓ | Units              |          |
| ✓ | Min_Pres_Value     | W        |
| ✓ | Max_Pres_Value     | W        |
| ✓ | Resolution         |          |
| ✓ | Priority_Array     |          |
| ✓ | Relinquish_Default | W        |
| ✓ | COV_Increment      | W        |
| ✓ | Time_Delay         | CW       |
| ✓ | Notification_Class | CW       |
| ✓ | High_Limit         | CW       |
| ✓ | Low_Limit          | CW       |
| ✓ | Deadband           | CW       |
| ✓ | Limit_Enable       | CW       |
| ✓ | Event_Enable       | CW       |
| ✓ | Acked_Transitions  |          |
| ✓ | Notify_Type        | CW       |
| ✓ | Event_Time_Stamps  |          |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |
|   | Profile_Name                   |    |

### Analog Value

|   | Property           | W  |
|---|--------------------|----|
| ✓ | Object_Identifier  |    |
| ✓ | Object_Name        |    |
| ✓ | Object_Type        |    |
| ✓ | Present_Value      | CW |
| ✓ | Description        | W  |
| ✓ | Status_Flags       |    |
| ✓ | Event_State        |    |
| ✓ | Reliability        |    |
| ✓ | Out_Of_Service     | W  |
| ✓ | Units              |    |
| ✓ | Priority_Array     |    |
| ✓ | Relinquish_Default | CW |
| ✓ | COV_Increment      | W  |
| ✓ | Time_Delay         | CW |
| ✓ | Notification_Class | CW |
| ✓ | High_Limit         | CW |
| ✓ | Low_Limit          | CW |
| ✓ | Deadband           | CW |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Limit_Enable                   | CW |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Min_Pres_Value                 | W  |
| ✓ | Max_Pres_Value                 | W  |
| ✓ | Resolution                     |    |
| ✓ | Property_List                  |    |
|   | Fault_High_Limit               |    |
|   | Fault_Low_Limit                |    |
|   | Profile_Name                   |    |

### Binary Input

|   | Property          | W  |
|---|-------------------|----|
| ✓ | Object_Identifier |    |
| ✓ | Object_Name       |    |
| ✓ | Object_Type       |    |
| ✓ | Present_Value     | CW |
| ✓ | Description       | W  |
| ✓ | Device_Type       |    |
| ✓ | Status_Flags      |    |
| ✓ | Event_State       |    |
| ✓ | Reliability       |    |
| ✓ | Out_Of_Service    | W  |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Polarity                       | W  |
| ✓ | Inactive_Text                  | W  |
| ✓ | Active_Text                    | W  |
| ✓ | Change_Of_State_Time           |    |
| ✓ | Change_Of_State_Count          | CW |
| ✓ | Time_Of_State_Count_Reset      | CW |
| ✓ | Elapsed_Active_Time            | CW |
| ✓ | Time_Of_Active_Time_Reset      | CW |
| ✓ | Time_Delay                     | CW |
| ✓ | Notification_Class             | CW |
| ✓ | Alarm_Value                    | CW |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |
|   | Profile_Name                   |    |

### Binary Output

|   | Property          | W |
|---|-------------------|---|
| ✓ | Object_Identifier |   |
| ✓ | Object_Name       |   |
| ✓ | Object_Type       |   |



|   | <b>Property</b>             | <b>W</b> |
|---|-----------------------------|----------|
| ✓ | Present_Value               | W        |
| ✓ | Description                 | W        |
| ✓ | Device_Type                 |          |
| ✓ | Status_Flags                |          |
| ✓ | Event_State                 |          |
| ✓ | Reliability                 |          |
| ✓ | Out_Of_Service              | W        |
| ✓ | Polarity                    | W        |
| ✓ | Inactive_Text               | W        |
| ✓ | Active_Text                 | W        |
| ✓ | Change_Of_State_Time        |          |
| ✓ | Change_Of_State_Count       | CW       |
| ✓ | Time_Of_State_Count_Reset   | CW       |
| ✓ | Elapsed_Active_Time         | CW       |
| ✓ | Time_Of_Active_Time_Reset   | CW       |
| ✓ | Minimum_Off_Time            | W        |
| ✓ | Minimum_On_Time             | W        |
| ✓ | Priority_Array              |          |
| ✓ | Relinquish_Default          | W        |
| ✓ | Time_Delay                  | CW       |
| ✓ | Notification_Class          | CW       |
| ✓ | Feedback_Value              |          |
| ✓ | Event_Enable                | CW       |
| ✓ | Acked_Transitions           |          |
| ✓ | Notify_Type                 | CW       |
| ✓ | Event_Time_Stamps           |          |
| ✓ | Event_Message_Texts         |          |
| ✓ | Event_Message_Texts_Config  | CW       |
| ✓ | Event_Detection_Enable      | CW       |
| ✓ | Event_Algorithm_Inhibit_Ref | CW       |
| ✓ | Event_Algorithm_Inhibit     | CW       |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |
|   | Profile_Name                   |    |

### Binary Value

|   | Property                  | W  |
|---|---------------------------|----|
| ✓ | Object_Identifier         |    |
| ✓ | Object_Name               |    |
| ✓ | Object_Type               |    |
| ✓ | Present_Value             | CW |
| ✓ | Description               | W  |
| ✓ | Status_Flags              |    |
| ✓ | Event_State               |    |
| ✓ | Reliability               |    |
| ✓ | Out_Of_Service            | W  |
| ✓ | Inactive_Text             | W  |
| ✓ | Active_Text               | W  |
| ✓ | Change_Of_State_Time      |    |
| ✓ | Change_Of_State_Count     | CW |
| ✓ | Time_Of_State_Count_Reset | CW |
| ✓ | Elapsed_Active_Time       | CW |
| ✓ | Time_Of_Active_Time_Reset | CW |
| ✓ | Minimum_Off_Time          | CW |
| ✓ | Minimum_On_Time           | CW |
| ✓ | Priority_Array            |    |
| ✓ | Relinquish_Default        | CW |
| ✓ | Time_Delay                | CW |
| ✓ | Notification_Class        | CW |
| ✓ | Alarm_Value               | CW |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
|   | Profile_Name                   |    |

### Calendar

|   | Property          | W |
|---|-------------------|---|
| ✓ | Object_Identifier |   |
| ✓ | Object_Name       | W |
| ✓ | Object_Type       |   |
| ✓ | Description       | W |
| ✓ | Present_Value     |   |
| ✓ | Date_List         | W |
| ✓ | Property_List     |   |
|   | Profile_Name      |   |

### Device

|   | Property          | W  |
|---|-------------------|----|
| ✓ | Object_Identifier | CW |
| ✓ | Object_Name       |    |
| ✓ | Object_Type       |    |
| ✓ | System_Status     |    |

|   | Property                        | W |
|---|---------------------------------|---|
| ✓ | Vendor_Name                     |   |
| ✓ | Vendor_Identifier               |   |
| ✓ | Model_Name                      |   |
| ✓ | Firmware_Revision               |   |
| ✓ | Application_Software_Version    |   |
| ✓ | Location                        | W |
| ✓ | Description                     | W |
| ✓ | Protocol_Version                |   |
| ✓ | Protocol_Revision               |   |
| ✓ | Protocol_Services_Supported     |   |
| ✓ | Protocol_Object_Types_Supported |   |
| ✓ | Object_List                     |   |
|   | Structured_Object_List          |   |
| ✓ | Max_APDU_Length_Accepted        |   |
| ✓ | Segmentation_Supported          |   |
| ✓ | Max_Segments_Accepted           |   |
|   | VT_Classes_Supported            |   |
|   | Active_VT_Sessions              |   |
| ✓ | Local_Time                      |   |
| ✓ | Local_Date                      |   |
| ✓ | UTC_Offset                      |   |
| ✓ | Daylight_Savings_Status         |   |
| ✓ | APDU_Segment_Timeout            |   |
| ✓ | APDU_Timeout                    |   |
| ✓ | Number_Of_APDU_Retrieves        |   |
| ✓ | Time_Synchronization_Recipients | W |
| ✓ | Max_Master                      |   |
| ✓ | Max_Info_Frames                 |   |
| ✓ | Device_Address_Binding          |   |
| ✓ | Database_Revision               |   |
| ✓ | Configuration_Files             |   |
| ✓ | Last_Restore_Time               |   |

|   | Property                            | W |
|---|-------------------------------------|---|
| ✓ | Backup_Failure_Timeout              | W |
| ✓ | Backup_Preparation_Time             |   |
| ✓ | Restore_Preparation_Time            |   |
| ✓ | Restore_Completion_Time             |   |
| ✓ | Backup_And_Restore_State            |   |
| ✓ | Active_COV_Subscriptions            |   |
|   | Slave_Proxy_Enable                  |   |
|   | Manual_Slave_Address_Binding        |   |
|   | Auto_Slave_Discovery                |   |
|   | Slave_Address_Binding               |   |
| ✓ | Last_Restart_Reason                 |   |
| ✓ | Time_Of_Device_Restart              |   |
| ✓ | Restart_Notification_Recipients     | W |
| ✓ | UTC_Time_Synchronization_Recipients | W |
| ✓ | Time_Synchronization_Interval       | W |
| ✓ | Align_Intervals                     | W |
| ✓ | Interval_Offset                     | W |
| ✓ | Serial_Number                       |   |
| ✓ | Property_List                       |   |
|   | Status_Flags                        |   |
|   | Event_State                         |   |
|   | Reliability                         |   |
|   | Event_Detection_Enable              |   |
|   | Notification_Class                  |   |
|   | Event_Enable                        |   |
|   | Acked_Transitions                   |   |
|   | Notify_Type                         |   |
|   | Event_Time_Stamps                   |   |
|   | Event_Message_Texts                 |   |
|   | Event_Message_Texts_Config          |   |
|   | Reliability_Evaluation_Inhibit      |   |
| ✓ | Device_UUID                         |   |
|   | Profile_Name                        |   |

## Event Enrollment

|   | Property                       | W |
|---|--------------------------------|---|
| ✓ | Object_Identifier              |   |
| ✓ | Object_Name                    | W |
| ✓ | Object_Type                    |   |
| ✓ | Description                    | W |
| ✓ | Event_Type                     |   |
| ✓ | Notify_Type                    | W |
| ✓ | Event_Parameters               | W |
| ✓ | Object_Property_Reference      | W |
| ✓ | Event_State                    |   |
| ✓ | Event_Enable                   | W |
| ✓ | Acked_Transitions              | W |
| ✓ | Notification_Class             | W |
| ✓ | Event_Time_Stamps              |   |
| ✓ | Event_Message_Texts            |   |
| ✓ | Event_Message_Texts_Config     | W |
| ✓ | Event_Detection_Enable         | W |
| ✓ | Event_Algorithm_Inhibit_Ref    | W |
| ✓ | Event_Algorithm_Inhibit        | W |
| ✓ | Time_Delay_Normal              | W |
| ✓ | Status_Flags                   |   |
| ✓ | Reliability                    |   |
|   | Fault_Type                     |   |
|   | Fault_Parameters               |   |
|   | Reliability_Evaluation_Inhibit |   |
| ✓ | Property_List                  |   |
|   | Profile_Name                   |   |

## File

|   | Property          | W |
|---|-------------------|---|
| ✓ | Object_Identifier |   |

|   | Property           | W  |
|---|--------------------|----|
| ✓ | Object_Name        | W  |
| ✓ | Object_Type        |    |
| ✓ | Description        | W  |
| ✓ | File_Type          |    |
| ✓ | File_Size          | CW |
| ✓ | Modification_Date  |    |
| ✓ | Archive            | W  |
| ✓ | Read_Only          |    |
| ✓ | File_Access_Method |    |
|   | Record_Count       |    |
| ✓ | Property_List      |    |
|   | Profile_Name       |    |

### Loop

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Object_Identifier              |    |
| ✓ | Object_Name                    | W  |
| ✓ | Object_Type                    |    |
| ✓ | Present_Value                  | CW |
| ✓ | Description                    | W  |
| ✓ | Status_Flags                   |    |
| ✓ | Event_State                    |    |
| ✓ | Reliability                    |    |
| ✓ | Out_Of_Service                 | W  |
| ✓ | Update_Interval                |    |
| ✓ | Output_Units                   |    |
| ✓ | Manipulated_Variable_Reference |    |
| ✓ | Controlled_Variable_Reference  |    |
| ✓ | Controlled_Variable_Value      |    |
| ✓ | Controlled_Variable_Units      |    |
| ✓ | Setpoint_Reference             |    |

|   | <b>Property</b>                | <b>W</b> |
|---|--------------------------------|----------|
| ✓ | Setpoint                       | CW       |
| ✓ | Action                         |          |
| ✓ | Proportional_Constant          | W        |
| ✓ | Proportional_Constant_Units    |          |
| ✓ | Integral_Constant              | W        |
| ✓ | Integral_Constant_Units        |          |
| ✓ | Derivative_Constant            | W        |
| ✓ | Derivative_Constant_Units      |          |
| ✓ | Bias                           | W        |
| ✓ | Maximum_Output                 | W        |
| ✓ | Minimum_Output                 | W        |
| ✓ | Priority_For_Writing           |          |
| ✓ | COV_Increment                  | W        |
| ✓ | Time_Delay                     | CW       |
| ✓ | Notification_Class             | CW       |
| ✓ | Error_Limit                    | CW       |
| ✓ | Deadband                       | CW       |
| ✓ | Event_Enable                   | CW       |
| ✓ | Acked_Transitions              |          |
| ✓ | Notify_Type                    | CW       |
| ✓ | Event_Time_Stamps              |          |
| ✓ | Event_Message_Texts            |          |
| ✓ | Event_Message_Texts_Config     | CW       |
| ✓ | Event_Detection_Enable         | CW       |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW       |
| ✓ | Event_Algorithm_Inhibit        | CW       |
| ✓ | Time_Delay_Normal              | CW       |
|   | Reliability_Evaluation_Inhibit |          |
| ✓ | Property_List                  |          |
| ✓ | Low_Diff_Limit                 | CW       |
|   | Profile_Name                   |          |



## Multi-State Input

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Object_Identifier              |    |
| ✓ | Object_Name                    |    |
| ✓ | Object_Type                    |    |
| ✓ | Present_Value                  | CW |
| ✓ | Description                    | W  |
| ✓ | Device_Type                    |    |
| ✓ | Status_Flags                   |    |
| ✓ | Event_State                    |    |
| ✓ | Reliability                    |    |
| ✓ | Out_Of_Service                 | W  |
| ✓ | Number_Of_States               |    |
| ✓ | State_Text                     | w  |
| ✓ | Time_Delay                     | CW |
| ✓ | Notification_Class             | CW |
| ✓ | Alarm_Values                   | CW |
|   | Fault_Values                   |    |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |
|   | Profile_Name                   |    |

## Multi-State Output

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Object_Identifier              |    |
| ✓ | Object_Name                    |    |
| ✓ | Object_Type                    |    |
| ✓ | Present_Value                  | W  |
| ✓ | Description                    | W  |
| ✓ | Device_Type                    |    |
| ✓ | Status_Flags                   |    |
| ✓ | Event_State                    |    |
| ✓ | Reliability                    |    |
| ✓ | Out_Of_Service                 | W  |
| ✓ | Number_Of_States               |    |
| ✓ | State_Text                     | W  |
| ✓ | Priority_Array                 |    |
| ✓ | Relinquish_Default             | W  |
| ✓ | Time_Delay                     | CW |
| ✓ | Notification_Class             | CW |
| ✓ | Feedback_Value                 |    |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
| ✓ | Interface_Value                |    |

|  |                 |          |
|--|-----------------|----------|
|  | <b>Property</b> | <b>W</b> |
|  | Profile_Name    |          |

### Multi-State Value

|   |                             |          |
|---|-----------------------------|----------|
|   | <b>Property</b>             | <b>W</b> |
| ✓ | Object_Identifier           |          |
| ✓ | Object_Name                 |          |
| ✓ | Object_Type                 |          |
| ✓ | Present_Value               | CW       |
| ✓ | Description                 | W        |
| ✓ | Status_Flags                |          |
| ✓ | Event_State                 |          |
| ✓ | Reliability                 |          |
| ✓ | Out_Of_Service              | W        |
| ✓ | Number_Of_States            |          |
| ✓ | State_Text                  | W        |
| ✓ | Priority_Array              |          |
| ✓ | Relinquish_Default          | CW       |
| ✓ | Time_Delay                  | CW       |
| ✓ | Notification_Class          | CW       |
| ✓ | Alarm_Values                | CW       |
|   | Fault_Values                |          |
| ✓ | Event_Enable                | CW       |
| ✓ | Acked_Transitions           |          |
| ✓ | Notify_Type                 | CW       |
| ✓ | Event_Time_Stamps           |          |
| ✓ | Event_Message_Texts         |          |
| ✓ | Event_Message_Texts_Config  | CW       |
| ✓ | Event_Detection_Enable      | CW       |
| ✓ | Event_Algorithm_Inhibit_Ref | CW       |
| ✓ | Event_Algorithm_Inhibit     | CW       |
| ✓ | Time_Delay_Normal           | CW       |

|   |                                |          |
|---|--------------------------------|----------|
|   | <b>Property</b>                | <b>W</b> |
|   | Reliability_Evaluation_Inhibit |          |
| ✓ | Property_List                  |          |
|   | Profile_Name                   |          |

### Notification Class

|   |                                |          |
|---|--------------------------------|----------|
|   | <b>Property</b>                | <b>W</b> |
| ✓ | Object_Identifier              |          |
| ✓ | Object_Name                    | W        |
| ✓ | Object_Type                    |          |
| ✓ | Description                    | W        |
|   | Notification_Class             |          |
| ✓ | Priority                       | W        |
| ✓ | Ack_Required                   | W        |
| ✓ | Recipient_List                 | W        |
| ✓ | Property_List                  |          |
|   | Status_Flags                   |          |
|   | Event_State                    |          |
|   | Reliability                    |          |
|   | Event_Detection_Enable         |          |
|   | Event_Enable                   |          |
|   | Acked_Transitions              |          |
|   | Notify_Type                    |          |
|   | Event_Time_Stamps              |          |
|   | Event_Message_Texts            |          |
|   | Event_Message_Texts_Config     |          |
|   | Reliability_Evaluation_Inhibit |          |
|   | Profile_Name                   |          |

### Schedule

Schedule object is not supported on the Supervisor platform.

### Trend Log

|   | <b>Property</b>             | <b>W</b> |
|---|-----------------------------|----------|
| ✓ | Object_Identifier           |          |
| ✓ | Object_Name                 | W        |
| ✓ | Object_Type                 |          |
| ✓ | Description                 | W        |
| ✓ | Enable                      | W        |
| ✓ | Start_Time                  | W        |
| ✓ | Stop_Time                   | W        |
| ✓ | Log_DeviceObjectProperty    | W        |
| ✓ | Log_Interval                | W        |
| ✓ | COV_Resubscription_Interval | W        |
| ✓ | Client_COV_Increment        | W        |
| ✓ | Stop_When_Full              | W        |
| ✓ | Buffer_Size                 | W        |
| ✓ | Log_Buffer                  |          |
| ✓ | Record_Count                | W        |
| ✓ | Total_Record_Count          |          |
| ✓ | Logging_Type                |          |
|   | Align_Intervals             |          |
|   | Interval_Offset             |          |
| ✓ | Trigger                     |          |
| ✓ | Status_Flags                |          |
|   | Reliability                 |          |
| ✓ | Notification_Threshold      | CW       |
| ✓ | Records_Since_Notification  |          |
| ✓ | Last_Notify_Record          |          |
| ✓ | Event_State                 |          |
| ✓ | Notification_Class          | CW       |
| ✓ | Event_Enable                |          |
| ✓ | Acked_Transitions           |          |
| ✓ | Notify_Type                 | CW       |
| ✓ | Event_Time_Stamps           |          |
| ✓ | Event_Message_Texts         |          |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
|   | Event_Algorithm_Inhibit_Ref    |    |
|   | Event_Algorithm_Inhibit        |    |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Property_List                  |    |
|   | Profile_Name                   |    |

### Structured View

|   | Property                | W |
|---|-------------------------|---|
| ✓ | Object_Identifier       |   |
| ✓ | Object_Name             | W |
| ✓ | Object_Type             |   |
| ✓ | Description             | W |
| ✓ | Node_Type               |   |
| ✓ | Node_Subtype            |   |
| ✓ | Subordinate_List        |   |
| ✓ | Subordinate_Annotations |   |
| ✓ | Property_List           |   |
|   | Profile_Name            |   |

### CharacterString Value

|   | Property          | W |
|---|-------------------|---|
| ✓ | Object_Identifier |   |
| ✓ | Object_Name       |   |
| ✓ | Object_Type       |   |
| ✓ | Description       | W |
| ✓ | Present_Value     | W |
| ✓ | Status_Flags      |   |
| ✓ | Event_State       |   |
| ✓ | Reliability       |   |

|   | Property                       | W |
|---|--------------------------------|---|
| ✓ | Out_Of_Service                 | W |
| ✓ | Priority_Array                 |   |
| ✓ | Relinquish_Default             | W |
|   | 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 |   |
| ✓ | Property_List                  |   |
|   | Profile_Name                   |   |

### Large Analog Value

|   | Property          | W  |
|---|-------------------|----|
| ✓ | Object_Identifier |    |
| ✓ | Object_Name       |    |
| ✓ | Object_Type       |    |
| ✓ | Description       | W  |
| ✓ | Present_Value     | CW |
| ✓ | Status_Flags      |    |
| ✓ | Event_State       |    |
| ✓ | Reliability       |    |
| ✓ | Out_Of_Service    | W  |
| ✓ | Units             |    |

|   | Property                       | W  |
|---|--------------------------------|----|
| ✓ | Priority_Array                 |    |
| ✓ | Relinquish_Default             | CW |
| ✓ | COV_Increment                  | W  |
| ✓ | Time_Delay                     | CW |
| ✓ | Notification_Class             | CW |
| ✓ | High_Limit                     | CW |
| ✓ | Low_Limit                      | CW |
| ✓ | Deadband                       | CW |
| ✓ | Limit_Enable                   | CW |
| ✓ | Event_Enable                   | CW |
| ✓ | Acked_Transitions              |    |
| ✓ | Notify_Type                    | CW |
| ✓ | Event_Time_Stamps              |    |
| ✓ | Event_Message_Texts            |    |
| ✓ | Event_Message_Texts_Config     | CW |
| ✓ | Event_Detection_Enable         | CW |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW |
| ✓ | Event_Algorithm_Inhibit        | CW |
| ✓ | Time_Delay_Normal              | CW |
|   | Reliability_Evaluation_Inhibit |    |
| ✓ | Min_Pres_Value                 | W  |
| ✓ | Max_Pres_Value                 | W  |
| ✓ | Resolution                     |    |
| ✓ | Property_List                  |    |
|   | Fault_High_Limit               |    |
|   | Fault_Low_Limit                |    |
|   | Profile_Name                   |    |

### Integer Value

|   | Property          | W |
|---|-------------------|---|
| ✓ | Object_Identifier |   |
| ✓ | Object_Name       |   |



|   | <b>Property</b>                | <b>W</b> |
|---|--------------------------------|----------|
| ✓ | Object_Type                    |          |
| ✓ | Description                    | W        |
| ✓ | Present_Value                  | CW       |
| ✓ | Status_Flags                   |          |
| ✓ | Event_State                    |          |
| ✓ | Reliability                    |          |
| ✓ | Out_Of_Service                 | W        |
| ✓ | Units                          |          |
| ✓ | Priority_Array                 |          |
| ✓ | Relinquish_Default             | CW       |
| ✓ | COV_Increment                  | W        |
| ✓ | Time_Delay                     | CW       |
| ✓ | Notification_Class             | CW       |
| ✓ | High_Limit                     | CW       |
| ✓ | Low_Limit                      | CW       |
| ✓ | Deadband                       | CW       |
| ✓ | Limit_Enable                   | CW       |
| ✓ | Event_Enable                   | CW       |
| ✓ | Acked_Transitions              |          |
| ✓ | Notify_Type                    | CW       |
| ✓ | Event_Time_Stamps              |          |
| ✓ | Event_Message_Texts            |          |
| ✓ | Event_Message_Texts_Config     | CW       |
| ✓ | Event_Detection_Enable         | CW       |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW       |
| ✓ | Event_Algorithm_Inhibit        | CW       |
| ✓ | Time_Delay_Normal              | CW       |
|   | Reliability_Evaluation_Inhibit |          |
| ✓ | Min_Pres_Value                 | W        |
| ✓ | Max_Pres_Value                 | W        |
| ✓ | Resolution                     |          |

|   | Property         | W |
|---|------------------|---|
| ✓ | Property_List    |   |
|   | Fault_High_Limit |   |
|   | Fault_Low_Limit  |   |
|   | Profile_Name     |   |

### Positive Integer Value

|   | Property            | W  |
|---|---------------------|----|
| ✓ | Object_Identifier   |    |
| ✓ | Object_Name         |    |
| ✓ | Object_Type         |    |
| ✓ | Description         | W  |
| ✓ | Present_Value       | CW |
| ✓ | Status_Flags        |    |
| ✓ | Event_State         |    |
| ✓ | Reliability         |    |
| ✓ | Out_Of_Service      | W  |
| ✓ | Units               |    |
| ✓ | Priority_Array      |    |
| ✓ | Relinquish_Default  | CW |
| ✓ | COV_Increment       | W  |
| ✓ | Time_Delay          | CW |
| ✓ | Notification_Class  | CW |
| ✓ | High_Limit          | CW |
| ✓ | Low_Limit           | CW |
| ✓ | Deadband            | CW |
| ✓ | Limit_Enable        | CW |
| ✓ | Event_Enable        | CW |
| ✓ | Acked_Transitions   |    |
| ✓ | Notify_Type         | CW |
| ✓ | Event_Time_Stamps   |    |
| ✓ | Event_Message_Texts |    |

|   | <b>Property</b>                | <b>W</b> |
|---|--------------------------------|----------|
| ✓ | Event_Message_Texts_Config     | CW       |
| ✓ | Event_Detection_Enable         | CW       |
| ✓ | Event_Algorithm_Inhibit_Ref    | CW       |
| ✓ | Event_Algorithm_Inhibit        | CW       |
| ✓ | Time_Delay_Normal              | CW       |
|   | Reliability_Evaluation_Inhibit |          |
| ✓ | Min_Pres_Value                 | W        |
| ✓ | Max_Pres_Value                 | W        |
| ✓ | Resolution                     |          |
| ✓ | Property_List                  |          |
|   | Fault_High_Limit               |          |
|   | Fault_Low_Limit                |          |
|   | Profile_Name                   |          |

## **BACnet Data Link Layer Options**

- ☐ ARCNET (ATA 878.1), 2.5 Mb. (Clause 8)
- ☐ ARCNET (ATA 878.1), EIA-485 (Clause 8), baud rate(s)
- ☒ BACnet IP, (Annex J)
- ☒ BACnet IP, (Annex J), BACnet Broadcast Management Device (BBMD)
- ☐ BACnet IP, (Annex J), Network Address Translation (NAT Traversal)
- ☐ BACnet IPv6, (Annex U)
- ☐ BACnet IPv6, (Annex U), BACnet Broadcast Management Device (BBMD)
- ☐ BACnet/ZigBee (Annex O)
- ☐ Ethernet, ISO 8802-3 (Clause 7)
- ☐ LonTalk, ISO/IEC 14908.1 (Clause 11), medium
- ☐ MS/TP Master (Clause 9)
- ☐ MS/TP Slave
- ☐ MS/TP Transceiver
- ☐ MS/TP Resistors
- ☐ MS/TP Transceiver Unit
- ☐ MS/TP Data Rates
- ☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s)
- ☐ Point-To-Point, modem, (Clause 10), baud rate(s)

- ☒ BACnet Secure Connect Node (Annex AB)
- ☐ BACnet Secure Connect Node, Maximum number of simultaneous direct connections initiated
- ☐ BACnet Secure Connect Node, Maximum number of simultaneous direct connections accepted
- ☒ BACnet Secure Connect Hub Function (Annex AB)
- ☒ BACnet Secure Connect Hub Function, Maximum number of simultaneous hub connections accepted : 1000
- ☐ HTTPS Proxy Support, Types of HTTPS proxies supported
- ☐ Additional cipher suites supported beyond those required for TLS V1.3, Cipher suite names as of the TLS Cipher Suite Registry at IANA (See RFC 8446)
- ☐ Additional Transport Layer Security versions other than V1.3 supported, TLS versions other than V1.3 that are supported
- ☒ Generates private keys internally, and provides matching certificate signing requests
- ☐ DNS host name resolution supported (RFC 1123)
- ☐ mDNS host name resolution supported (RFC 6762)
- ☐ 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.)

## **Networking Options**

☒ Router, Clause 6 - List all routing configurations, e.g., BACnet/IP-BACnet/SC, BACnet/IP-BACnet/IP, BACnet/SC-BACnet/SC etc.

☐ Annex H, BACnet Tunneling Router over IP

## 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



## **Gateway Options**

☐ Product is a communication gateway which represents a network of virtual BACnet Devices