



**Protocol Implementation Conformance Statement  
(PICS)  
Version 1.28.19**

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## 1.1 Document Revision

18.03.2016	Initial Version
13.10.2016	Update PICS for 1.28.xx version
19.10.2016	Set final version to 1.28.03
01.11.2016	Update chapter 2 (product names and description)
20.12.2016	Update to FW version 1.28.07
20.01.2017	Update to FW version 1.28.08
02.03.2017	Update Product Name list
14.07.2017	Update Product Description list, Footnote chapter 2.7
23.08.2017	Update version to 1.28.18
11.09.2017	Update version to 1.28.19

## 2. PICS

### BACnet Protocol Implementation Conformance Statement (PICS)

Date:	11.09.2017
Vendor Name:	SBC Saia Burgess Controls (Vendor ID = 89)
Product Names:	BACnet for PCD1.M2xx0, PCD2.M4x60, PCD3.Mxx60
Product Model Number:	PCD7.R562, PCD3.R562
Applications Software Version:	-
Firmware Revision:	BACnetV2_1.28.19.blk
BACnet Protocol Revision:	1.14 (ISO 16484-5:2014, BACnet ANSI/ASHRAE 135-2012)

## 2.1 Product Description

The Saia PCD BACnet Memory Flash Card is a Plugin into the PCD1.M, PCD2.M and PCD3.M controller hardware extending its communication capabilities to a BACnet Building Controller (B-BC).

The Saia PCD BACnet solution can be used for the following Controllers to support the B-BC profile:

### PCD1

- PCD1.M2110R1 (PCD1.Room)
- PCD1.M2120
- PCD1.M2160
- PCD1.M2220-C15 \*2

### PCD2

- PCD2.M4160
- PCD2.M4560 \*2

### PCD3

- PCD3.M3160
- PCD3.M3360
- PCD3.M5360 \*2
- PCD3.M5560
- PCD3.M6360
- PCD3.M6560
- PCD3.M6860 \*2
- PCD3.M6880

\*2 Certified Products

## **2.2 BACnet Standardized Device Profile (Annex L)**

- BACnet Operator Workstation (B-OWS)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)
- BACnet Gateway (B-GW)

## 2.3 BACnet Interoperability Building Blocks Supported (Annex K):

### 2.3.1 Data Sharing BIBBs

Data Sharing Read-Property-A	DS-RP-A
Data Sharing Read-Property-B	DS-RP-B
Data Sharing Read-Property-Multiple-A	DS-RPM-A
Data Sharing Read-Property-Multiple-B	DS-RPM-B
Data Sharing Write-Property-A	DS-WP-A
Data Sharing Write-Property-B	DS-WP-B
Data Sharing Write-Property-Multiple-B	DS-WPM-B
Data Sharing COV-A	DS-COV-A
Data Sharing COV-B	DS-COV-B
Data Sharing COV-Unsolicited-A	DS-COVU-A
Data Sharing COV-Unsolicited-B	DS-COVU-B
Data Sharing COV-Property-A	DS-COVP-A
Data Sharing COV-Property-B	DS-COVP-B

### 2.3.2 Alarm / Event BIBBs

Alarm and Event-Notification Internal-B	AE-N-I-B
Alarm and Event-Notification External-B	AE-N-E-B
Alarm and Event-Acknowledge-B	AE-ACK-B
Alarm and Event-Information-B	AE-INFO-B
Alarm and Event-Alarm Summary-A	AE-ASUM-B
Alarm and Event-Enrollment Summary-B	AE-ESUM-B
Alarm and Event Management - Event Log - Internal - B	AE-EL-I-B
Alarm and Event Management - Event Log - External - B	AE-EL-E-B

### 2.3.3 Scheduling BIBBs

Scheduling-Internal-B	SCHEM-I-B
Scheduling-External-B	SCHEM-E-B

### 2.3.4 Trending BIBBs

Trending-Viewing and Modifying Trends Internal-B	T-VMT-I-B
Trending-Viewing and Modifying Trends External-B	T-VMT-E-B
Trending-Automated Trend Retrieval-B	T-ATR-B
Trending-Viewing and Modifying Multiple Values Internal-B	T-VMMV-I-B
Trending-Viewing and Modifying Multiple Values External-B	T-VMMV-E-B



Trending-Automated Multiple Value Retrieval-B

T-AMVR-B

### **2.3.5 Device Management BIBBs**

Device Management-Dynamic Device Binding-A

DM-DDB-A

Device Management-Dynamic Device Binding-B

DM-DDB-B

Device Management-Dynamic Object Binding-A

DM-DOB-A

Device Management-Dynamic Object Binding-B

DM-DOB-B

Device Management-DeviceCommunicationControl-B

DM-DCC-B

Device Management-TimeSynchronization-A

DM-TS-A

Device Management-TimeSynchronization-B

DM-TS-B

Device Management-UTCTimeSynchronization-A

DM-UTC-A

Device Management-UTCTimeSynchronization-B

DM-UTC-B

Device Management-Automated Time Synchronization-A

DM-ATS-A

Device Management-ReinitializeDevice-B

DM-RD-B

Device Management-Backup and Restore-B

DM-BR-B

Device Management-Restart-A

DM-R-A

Device Management-Restart-B

DM-R-B

Device Management-List Manipulation-B

DM-LM-B

Device Management-Object Creation and Deletion-B

DM-OCD-B

### **2.3.6 Network Management BIBBs**

Network Management-Connection Establishment-A

NM-CE-A

Network Management-Router Configuration-B

NM-RC-B

## **2.4 Segmentation Capability:**

- Segmented requests supported Window Size 16
- Segmented responses supported Window Size 16

## 2.5 Standard Object Types Supported Overview

### Data Objects

Analog Input Object  
Analog Output Object  
Analog Value Object  
Averaging Object  
Binary Input Object  
Binary Output Object  
Binary Value Object  
Multistate Input Object  
Multistate Output Object  
Multistate Value Object  
  
Loop Object  
  
Accumulator Object  
Pulse Converter  
Command Object  
Group Object

### Management Objects

Device Object  
Program  
File Object  
Structured View Object

### Alarm / Event Objects

Event Enrolment Object  
Notification Class Object

### Schedule Objects

Schedule Object  
Calendar Object

### Logging Objects

Trend-Log  
Trend-Log Multiple  
Event Log Object

## 2.6 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

## 2.7 Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ASTM 878.1, 2.5 Mb. ARCNET (Clause 8)
- ASTM 878.1, RS-485 ARCNET (Clause 8) baud rate(s) \_\_\_\_\_
- MS/TP\*1 master (Clause 9), baud rate(s): 9600, 19200, 38400, 57600, 115200
- MS/TP slave (Clause 9), baud rate(s):
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): max. EIA 232
- Point-To-Point, modem, (Clause 10), baud rate(s): 115200 baud / max. modem
- LonTalk, (Clause 11), medium: \_\_\_\_\_
- Other:

(\*1 With optional MS/TP Communication Module)

## 2.8 Networking Options:

- Router, Clause 6
  - BACnet/IP – BACnet/MSTP
  - BACnet/MSTP – BACnet/MSTP
- Annex H, BACnet Tunneling Router over IP
- BACnet Broadcast Management Device (BBMD)

Does the BBMD support registrations by Foreign Devices?  Yes  No

## 2.9 Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> ANSI X3.4/UTF8 | <input type="checkbox"/> IBM□/Microsoft DBCS | <input checked="" type="checkbox"/> ISO 8859-1 |
| <input type="checkbox"/> ISO 10646 (UCS-2)         | <input type="checkbox"/> ISO 10646 (ICS-4)   | <input type="checkbox"/> JIS C 6226            |

### 3. Standard Object Types Supported

#### 3.1 Accumulator-Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Device_Type Reliability Prescale Value_Change_Time Value_Before_Change Value_Set Logging_Record Logging_Object Time_Delay Time_Delay_Normal Notification_Class Pulse_Rate High_Limit Low_Limit Limit_Monitoring_Interval 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  Profile_Name	Object_Name Present_Value Out_Of_Service Scale Units Max_Pres_Value  <b>Optional Properties</b> Description Device_Type Reliability Prescale Value_Set Logging_Object Time_Delay Time_Delay_Normal High_Limit Low_Limit Limit_Monitoring_Interval Notification_Class Limit_Enable Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit



### 3.2 Analog Input Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Device_Type Reliability Update_Interval Min_Pres_Value Max_Pres_Value Resolution COV_Increment  Time_Delay Time_Delay_Normal 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  Profile_Name	Object_Name Present_Value Out_Of_Service Units  <b>Optional Properties</b> Description Device_Type Reliability COV_Increment  Time_Delay Time_Delay_Normal Notification_Class High_Limit Low_Limit Deadband Limit_Enable Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.3 Analog Output Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Device_Type Reliability Update_Interval Min_Pres_Value Max_Pres_Value Resolution COV_Increment  Time_Delay Time_Delay_Normal 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  Profile_Name	Object_Name Present_Value Relinquish_Default Out_Of_Service Units  <b>Optional Properties</b> Description Device_Type Reliability COV_Increment  Time_Delay Time_Dely_Normal Notification_Class High_Limit Low_Limit Deadband Limit_Enable Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.4 Analog Value Object

- Dynamically creatable
- Dynamically deletable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Reliability COV_Increment  Priority_Array Relinquish_Default  Time_Delay Time_Delay_Normal 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  Profile_Name	Object_Name Present_Value Out_Of_Service Units  <b>Optional Properties</b> Description Reliability COV_Increment  Relinquish_Default  Time_Delay Time_Delay_Normal Notification_Class High_Limit Low_Limit Deadband Limit_Enable Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit



### 3.5 Averaging Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Minimum_Value_Timestamp Maximum_Value_Timestamp Variance_Value Profile_Name	Object_Name Attempted_Samples Valid_Samples (0) Object_Property_Reference Window_Interval Window_Samples  <b>Optional Properties</b> Description

### 3.6 Binary Input Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
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 Time_Delay_Normal 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 Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Present_Value Out_Of_Service Polarity  <b>Optional Properties</b> Description Device_Type Reliability Inactive_Text Active_Text Change_Of_State_Count (0) Elapsed_Active_Time (0)  Time_Delay Time_Delay_Normal Notification_Class Alarm_Value Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.7 Binary Output Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
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 Time_Delay_Normal 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 Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Present_Value Relinquish_Default Out_Of_Service Polarity  <b>Optional Properties</b> Description Device_Type Reliability Inactive_Text Active_Text Change_Of_State_Count (0) Elapsed_Active_Time (0) Minimum_Off_Time Minimum_On_Time  Time_Delay Time_Delay_Normal Notification_Class Feedback_Value Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit



### 3.8 Binary Value Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
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 Time_Delay_Normal 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 Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Present_Value Out_Of_Service Polarity  <b>Optional Properties</b> Description Reliability Inactive_Text Active_Text Change_Of_State_Count (0) Elapsed_Active_Time (0) Minimum_Off_Time Minimum_On_Time  Relinquish_Default  Time_Delay Time_Delay_Normal Notification_Class Alarm_Value Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.9 Calendar Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
Description Profile_Name	Object_Name Date_List  <b>Optional Properties</b> Description

### 3.10 Command Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
Description Action_Text Profile_Name	Object_Name Present_Value Action  <b>Optional Properties</b> Description Action_Text

### 3.11 Device Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
<p>Location</p> <p>Description</p> <p>Structured_Object_List</p> <p>Active_COV_Subscriptions</p> <p>Local_Time Time</p> <p>Local_Date Date</p> <p>UTC_Offset</p> <p>Daylight_Savings_Status</p> <p>Time_Synchronization_Recipients</p> <p>UTC_Time_Synchronization_Recipients</p> <p>Time_Synchronization_Interval</p> <p>Align_Intervals</p> <p>Interval_Offset</p> <p>Max_Segments_Accepted</p> <p>APDU_Segment_Timeout</p> <p>Max_Master</p> <p>Max_Info_Frames</p> <p>Slave_Proxy-Enable</p> <p>Manual_Slave_Address_Binding</p> <p>Auto_Slave_Discovery</p> <p>Slave_address_Binding</p> <p>Configuration_Files</p> <p>Last_Restore_Time</p> <p>Backup_Failure_Timeout</p> <p>Backup_Preparation_Time</p> <p>Restore_Preparation_Time</p> <p>Backup_Completition_Time</p> <p>Backup_And_Restore_State</p>	<p>Object_Name</p> <p>APDU_Timeout</p> <p>Number_Of_APDU_Retries</p> <p><b>Optional Properties</b></p> <p>Location</p> <p>Description</p> <p>Time_Synchronization_Recipients</p> <p>UTC_Time_Synchronization_Recipients</p> <p>Time_Synchronization_Interval</p> <p>Align_Intervals</p> <p>Interval_Offset</p> <p>APDU_Segment_Timeout</p> <p>Backup_Failure_Timeout</p> <p>UTC_Time_Synchronization_Recipients</p> <p>Max_Master</p> <p>Manual_Slave_Address_Binding</p> <p>Backup_Failure_Timeout</p> <p>Restart_Notification_Recipients</p>



Last_Restart_Reason Time_Of_Device_Restart Restart_Notification_Recipients  Serial_Number Profile_Name	
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### 3.12 Event Enrollment Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Time_Delay_Normal Event_Message_Texts Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Fault_Type Fault_Parameters Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Event_Type ????? Notify_Type Event_Parameters Object_Property_Reference Event_Enable Notification_Class Reliability  <b>Optional Properties</b> Description Time_Delay_Normal Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Fault_Parameters Reliability_Evaluation_Inhibit

### 3.13 Event Log Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
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_Name Enable Stop_When_Full Buffer_Size Record_Count (0) Logging_Type  <b>Optional Properties</b> Description Start_Time Stop_Time  Notification_Threshold Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.14 File Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
Description Profile_Name	Object_Name Archive  <b>Optional Properties</b> Description

### 3.15 Group Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
Description Profile_Name	Object_Name List_Of_Group_Members  <b>Optional Properties</b> Description

### 3.16 Loop Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

<b>Optional properties</b>	<b>Writeable properties</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 Time_Delay_Normal 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 Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Present_Value Out_Of_Service Output_Units Manipulated_Variable_Reference Controlled_Variable_Reference Controlled_Variable_Units Setpoint_Reference Setpoint Action (direct, reverse) Priority_For_Writing (1..16)  <b>Optional Properties</b> Description Reliability Proportional_Constant Integral_Constant Derivative_Constant Bias Maximum_Output Minimum_Output COV_Increment  Time_Delay Time_Delay_Normal Notification_Class Error_Limit Deadband Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.17 Multi State Input Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Device_Type Reliability State_Text	Object_Name Present_Value Out_Of_Service Number_Of_States
Time_Delay 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	<p><b>Optional Properties</b></p> Description Reliability Device_Type State_Text
Profile_Name	Time_Delay Time_Delay_Normal Notification_Class Alarm_Values Fault_Values Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.18 Multi State Output Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Device_Type Reliability State_Text  Time_Delay Time_Delay_Normal 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 Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Present_Value Relinquish_Default Out_Of_Service Number_Of_States  <b>Optional Properties</b> Description Device_Type Reliability State_Text  Time_Delay Time_Delay_Normal Notification_Class Feedback_Value Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit



### 3.19 Multi State Value Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Reliability State_Text  Priority_Array Relinquish_Default  Time_Delay Time_Dely_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	Object_Name Present_Value Out_Of_Service Number_Of_States  <b>Optional Properties</b> Description Reliability State_Text  Relinquish_Default  Time_Delay Time_Delay_Normal Notification_Class Alarm_Values Fault_Values Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.20 Notification Class Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Profile_Name	Object_Name Priority Ack_Required Recipient_List  <b>Optional Properties</b> Description

### 3.21 Program Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Program_Location Instance_Of Reason_For_Halt Description_Of_Halt Reliability  Notification_Class Event_Enable Event_State Acked_Transitions Notify_Type Event_Time_Stamps Event_Message_Texts Event_Message_Texts_Config Event_Detection_Enable Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Out_Of_Service Program_Change  <b>Optional Properties</b> Description Program_Location Instance_Of  Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Reliability_Evaluation_Inhibit

### 3.22 Pulse Converter Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Input_Reference Reliability COV_Increment COV_Period  Time_Delay Time_Delay_Normal 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  Profile_Name	Object_Name Out_Of_Service Units Scale_Factor Adjust_Value  <b>Optional Properties</b> Description Present_Value Input_Reference Reliability COV_Increment COV_Period  Time_Delay Time_Delay_Normal Notification_Class High_Limit Low_Limit Deadband Limit_Enable Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.23 Schedule Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry Properties

Optional properties	Writeable properties
Description Weekly_Schedule Exception_Schedule  Notification_Class Event_Enable Event_State Acked_Transitions Notify_Type Event_Time_Stamps Event_Message_Texts Event_Message_Texts_Config Event_Detection_Enable Reliability_Evaluation_Inhibit  Profile_Name	Object_Name Effective_Period Schedule_Default List_Of_Object_Property_References Priority_For_Writing Reliability Out_Of_Service  <b>Optional Properties</b> Description Weekly_Schedule Exception_Schedule  Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Reliability_Evaluation_Inhibit

### 3.24 Structured View Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Node_Sub_Type Subordinate_Annotations Profile_Name	Object_Name Node_Type Subordinate_List  <b>Optional Properties</b> Description Node_Sub_Type Subordinate_Annotations

### 3.25 Trend Log Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Reliability Start_Time Stop_Time Log_DeviceObjectProperty Log_Interval COV_Resubscription_Interval Client_COV_Increment Align_Intervals Interval_Offset Trigger	Object_Name Enable Stop_When_Full Buffer_Size Record_Count (0) Logging_Type
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	<p><b>Optional Properties</b></p> Description Start_Time Stop_Time Log_DeviceObjectProperty Log_Interval COV_Resubscription_Interval Client_COV_Increment Align_Intervals Interval_Offset Trigger  Notification_Threshold Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit

### 3.26 Trend Log Multiple Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

Optional properties	Writeable properties
Description Reliability Start_Time Stop_Time Align_Intervals Interval_Offset Trigger	Object_Name Enable Log_DeviceObjectProperty Stop_When_Full Buffer_Size Record_Count (0) Logging_Type Log_Interval
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	<p><b>Optional Properties</b></p> Description Start_Time Stop_Time Align_Intervals Interval_Offset Trigger  Notification_Threshold Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit
Profile_Name	Reliability_Evaluation_Inhibit





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