



**Protocol Implementation Conformance Statement
(PICS)
Version 1.28.08**

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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

2. PICS

BACnet Protocol Implementation Conformance Statement (PICS)

Date:	02.03.2017
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_1.28.08.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.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:
- (*1Without MS/TP Option)

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.

- ANSI X3.4/UTF8
- IBM□/Microsoft DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (ICS-4)
- 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties 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>Optional Properties</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 Optional Properties 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 Optional Properties 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 Optional Properties 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 Optional Properties Description

3.16 Loop Object

- Dynamically creatable
- Dynamically deleteable
- Contains Proprietary Properties

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

3.21 Program Object

- Dynamically creatable
- Dynamically deleteable
- Contains Propriatry 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 Optional Properties 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 Optional Properties 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 Proprietary 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 Optional Properties 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 Optional Properties 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 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 Optional Properties 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>Optional Properties</p> Description Start_Time Stop_Time Align_Intervals Interval_Offset Trigger
Profile_Name	Notification_Threshold Notification_Class Event_Enable Notify_Type Event_Message_Texts_Config Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit



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