



Protocol Implementation Conformance Statement (PICS) Version 1.28.59

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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
14.12.2023	Update version to 1.28.59

2. PICS

BACnet Protocol Implementation Conformance Statement (PICS)

Date:	14.12.2023
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_1.28.59.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

PCD2

- PCD2.M4160
- PCD2.M4560

PCD3

- PCD3.M3160
- PCD3.M3360
- PCD3.M5360
- PCD3.M5560
- PCD3.M6360
- PCD3.M6560
- PCD3.M6860
- PCD3.M6880

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
Alarm and Event Management – Configurable Recipient Lists - B	AE-CRL-B

2.3.3 Scheduling BIBBs

Scheduling-Internal-B	SCHED-I-B
Scheduling-External-B	SCHED-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-BBMD Configuration-B	NM-BBMDC-B
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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, 76800, 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.

- | | | |
|--|---|-------------------------------------|
| ☒ ISO 10646 (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	Object_Name
Device_Type	Present_Value
Reliability	Out_Of_Service
Update_Interval	Units
Min_Pres_Value	
Max_Pres_Value	Optional Properties
Resolution	Description
COV_Increment	Device_Type
	Reliability
Time_Delay	COV_Increment
Time_Delay_Normal	
Notification_Class	Time_Delay
High_Limit	Time_Delay_Normal
Low_Limit	Notification_Class
Deadband	High_Limit
Limit_Enable	Low_Limit
Event_Enable	Deadband
Acked_Transitions	Limit_Enable
Notify_Type	Event_Enable
Event_Time_Stamps	Notify_Type
Event_Message_Texts	Event_Message_Texts_Config
Event_Message_Texts_Config	Event_Algorithm_Inhibit_Ref
Event_Detection_Enable	Event_Algorithm_Inhibit
Event_Algorithm_Inhibit_Ref	Reliability_Evaluation_Inhibit
Event_Algorithm_Inhibit	
Reliability_Evaluation_Inhibit	
Profile_Name	

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 deleteable
- ☐ Contains Proprietary Properties

Optional properties	Writeable properties
Description	Object_Name
Reliability	Present_Value
COV_Increment	Out_Of_Service
	Units
Priority_Array	Optional Properties
Relinquish_Default	Description
	Reliability
Time_Delay	COV_Increment
Time_Delay_Normal	
Notification_Class	Relinquish_Default
High_Limit	
Low_Limit	Time_Delay
Deadband	Time_Delay_Normal
Limit_Enable	Notification_Class
Event_Enable	High_Limit
Acked_Transitions	Low_Limit
Notify_Type	Deadband
Event_Time_Stamps	Limit_Enable
Event_Message_Texts	Event_Enable
Event_Message_Texts_Config	Notify_Type
Event_Detection_Enable	Event_Message_Texts_Config
Event_Algorithm_Inhibit_Ref	Event_Algorithm_Inhibit_Ref
Event_Algorithm_Inhibit	Event_Algorithm_Inhibit
Reliability_Evaluation_Inhibit	Reliability_Evaluation_Inhibit
Profile_Name	

3.5 Averaging Object

- ☐ Dynamically creatable
- ☐ Dynamically deleteable
- ☐ Contains Propriatry 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 Propriatry 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 Propriatry 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 Proprietary Properties

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

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 Propriatry 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 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 Propriatry 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) Reliability 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 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) Optional Properties 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 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 Profile_Name	Object_Name Present_Value Out_Of_Service Number_Of_States Optional Properties Description Reliability Device_Type State_Text 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	Object_Name
Device_Type	Present_Value
Reliability	Relinquish_Default
State_Text	Out_Of_Service
	Number_Of_States
Time_Delay	
Time_Delay_Normal	Optional Properties
Notification_Class	Description
Feedback_Value	Device_Type
Event_Enable	Reliability
Acked_Transitions	State_Text
Notify_Type	
Event_Time_Stamps	Time_Delay
Event_Message_Texts	Time_Delay_Normal
Event_Message_Texts_Config	Notification_Class
Event_Detection_Enable	Feedback_Value
Event_Algorithm_Inhibit_Ref	Event_Enable
Event_Algorithm_Inhibit	Notify_Type
Reliability_Evaluation_Inhibit	Event_Message_Texts_Config
	Event_Algorithm_Inhibit_Ref
	Event_Algorithm_Inhibit
Profile_Name	Reliability_Evaluation_Inhibit

3.19 Multi State Value Object

- ☐ Dynamically creatable
- ☐ Dynamically deleteable
- ☐ Contains Propriatry 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 Propriatry 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 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 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 Propriatry 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 Propriatry Properties

Optional properties	Writeable properties
Description Reliability Start_Time Stop_Time Align_Intervals Interval_Offset Trigger Notification_Threshold Records_Since_Notification Last_Notify_Record Notification_Class Event_Enable Acked_Transitions Notify_Type Event_Time_Stamps Event_Message_Texts Event_Message_Texts_Config Event_Detection_Enable Event_Algorithm_Inhibit_Ref Event_Algorithm_Inhibit Reliability_Evaluation_Inhibit Profile_Name	Object_Name Enable Log_DeviceObjectProperty Stop_When_Full Buffer_Size Record_Count (0) Logging_Type Log_Interval Optional Properties 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



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