



**Kieback&Peter**

**BACNET**

**PROTOCOL IMPLEMENTATION**

**CONFORMANCE STATEMENT**

**(PICS)**

**NEUTRINO-GLT**

# BACnet Protocol Implementation Conformance Statement (PICS)

Date: 2020-10-06  
Vendor Name: Kieback&Peter GmbH & Co. KG  
Product Name: Neutrino-GLT  
Product Model Number: Version 9  
Application Software Version: 9  
Firmware Revision: 20  
BACnet Protocol Revision: 1.20 (BACnet ANSI/ASHRAE 135-2016 Rev. 20)

## Product Description

The Kieback&Peter Neutrino-GLT is a BACnet Advanced Operator Workstation

## BACnet Standardized Device Profile (Annex L)

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

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# BACnet Interoperability Building Blocks Supported

## Data Sharing BIBBs

DS-RP-A	Data Sharing-ReadProperty-A
DS-RP-B	Data Sharing-ReadProperty-B
DS-RPM-A	Data Sharing-ReadPropertyMultiple-A
DS-RPM-B	Data Sharing-ReadPropertyMultiple-B
DS-WP-A	Data Sharing-WriteProperty-A
DS-WP-B	Data Sharing-WriteProperty-B
DS-WPM-A	Data Sharing-WritePropertyMultiple-A
DS-WPM-B	Data Sharing-WritePropertyMultiple-B
DS-COV-A	Data Sharing-COV-A
DS-COVP-A	Data Sharing-COVP-A
DS-V-A	Data Sharing-View-A
DS-AV-A	Data Sharing-Advanced View-A
DS-M-A	Data Sharing-Modify-A
DS-AM-A	Data Sharing-Advanced Modify-A

## Alarm and Event Management BIBBs

AE-N-A	Alarm and Event Management-Notification-A
AE-ACK-A	Alarm and Event Management-ACK-A
AE-ASUM-A	Alarm and Event Management-Alarm Summary-A *
AE-ESUM-A	Alarm and Event Management-Enrollment Summary-A *
AE-INFO-A	Alarm and Event Management-Information-A *
AE-VN-A	Alarm and Event Management-View Notifications-A
AE-AVN-A	Alarm and Event Management-Advanced View Notifications-A
AE-VM-A	Alarm and Event Management-View and Modify-A
AE-AVM-A	Alarm and Event Management-Advanced View and Modify-A
AE-AS-A	Alarm and Event Management-Alarm Summary View-A
AE-ELV-A	Alarm and Event Management-Event Log View-A
AE-ELVM-A	Alarm and Event Management-Event Log View and Modify-A

## Scheduling BIBBs

SCHED-AVM-A	Scheduling-Advanced View Modify-A
SCHED-VM-A	Scheduling-View Modify-A
SCHED-WS-A	Scheduling-Weekly Schedule-A

## Trending BIBBs

T-VMMV-A	Trending-Viewing and Modifying Multiple Values-A
T-AMVR-A	Trending-Automated Multiple Value Retrieval-A
T-V-A	Trending-View-A
T-AVM-A	Trending-Advanced View Modify-A
T-A-A	Trending-Archival-A
T-ATR-A	Trending-Automated Trend Retrieval-A

## Device Management BIBBs

DM-DDB-A	Device Management-Dynamic Device Binding-A
DM-DDB-B	Device Management-Dynamic Device Binding-B
DM-DOB-A	Device Management-Dynamic Object Binding-A

DM-DOB-B	Device Management-Dynamic Object Binding-B
DM-DCC-A	Device Management-DeviceCommunicationControl-A
DM-TS-B	Device Management-TimeSynchronization-B
DM-UTC-B	Device Management-UTCTimeSynchronization-B
DM-RD-A	Device Management-ReinitializeDevice-A
DM-RD-B	Device Management-ReinitializeDevice-B
DM-BR-A	Device Management-Backup and Restore-A
DM-R-A	Device Management-Restart-A
DM-LM-A	Device Management-List Manipulation-A
DM-OCD-A	Device Management-Object Creation and Deletion-A
DM-ANM-A	Device Management-Automatic Network Mapping-A
DM-ADM-A	Device Management-Automatic Device Mapping-A
DM-MTS-A	Device Management-Manual Time Synchronization-A

## Audit Reporting BIBBs

AR-V-A	Audit Reporting-View-A
AR-AVM-A	Audit Reporting-Advanced View Modify-A

\* These BIBBs are no longer part of standard 1.20, but have in some cases been transferred to other BIBBs. They are listed here to allow an easy comparison with the PICS of devices with older BACnet versions.

## Segmentation Capability

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

## Standard Object Types Supported

Object Type	Client	Server		
	Supported	Supported	Creatable	Deletable
Accumulator Object	x			
Alert Enrollment Object	x			
Analog Input Object	x			
Analog Output Object	x			
Analog Value Object	x			
Audit Log Object	x			
Audit Reporter Object	x			
Averaging Object	x			
Binary Input Object	x			
Binary Lighting Output Object	x			
Binary Output Object	x			
Binary Value Object	x			
BitString Value Object	x			
Calendar Object	x			
Channel Object	x			
CharacterString Value Object	x			
Command Object	x			
Date Pattern Value Object	x			
Date Value Object	x			
DateTime Pattern Value Object	x			
DateTime Value Object	x			
Device Object	x	x		
Elevator Group Object	x			
Escalator Object	x			
Event Enrollment Object	x			
Event Log Object	x			
Event Log Object	x			
File Object	x			
Global Group Object	x			
Group Object	x			
Integer Value Object	x			
Large Analog Value Object	x			
Lift Object	x			
Lighting Output Object	x			
Load Control Object	x			
Loop Object	x			
Multi-state Input Object	x			
Multi-state Output Object	x			
Multi-state Value Object	x			
Network Port Object	x	x		
Notification Class Object	x			
Notification Forwarder Object	x			
OctetString Value Object	x			
Positive Integer Value Object	x			
Program Object	x			
Pulse Converter Object	x			

Object Type	Client	Server		
	Supported	Supported	Creatable	Deletable
Schedule Object	x			
Staging Object	x			
Structured View Object	x			
Time Pattern Value Object	x			
Time Value Object	x			
Timer Object	x			
Trend Log Multiple Object	x			
Trend Log Object	x			

## Accumulator Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Scale	x					x	x
Units	x					x	x
Prescale		x				x	x
Max_Pres_Value	x					x	x
Value_Change_Time		x				x	
Value_Before_Change		x				x	x
Value_Set		x				x	x
Logging_Record		x				x	
Logging_Object		x				x	x
Pulse_Rate		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Limit_Monitoring_Interval		x				x	x
Notification_Class		x				x	x
Time_Delay		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Profile_Name		x				x	x
Profile_Location		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Audit_Level		x				x	x
Auditable_Operations							
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

## Alert Enrollment Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	
Event_State	x					x	
Event_Detection_Enable	x					x	x
Notification_Class	x					x	x
Event_Enable	x					x	x
Acked_Transitions	x					x	
Notify_Type	x					x	x
Event_Time_Stamps	x					x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x



## Analog Input Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Update_Interval		x				x	x
Units	x					x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Profile_Name		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Property_List	x					x	

## Analog Output Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Units	x					x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	
Priority_Array	x					x	
Relinquish_Default	x					x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value		x				x	
Property_List	x					x	
Tags		x				x	x
Current_Command_Priority	x					x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auitable_Operations		x				x	x
Audit_Priority_Filter		x				x	x
Profile_Location		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Profile_Name		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	

## Analog Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Units	x					x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit						x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	x
Property_List	x					x	x
Tags		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x
Profile_Location		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Profile_Name		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

## Audit Log Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Property_List	x					x	
Description		x				x	x
Status_Flags	x					x	
Event_State		x				x	
Reliability		x				x	
Enable	x		x			x	x
Buffer_Size	x					x	x
Log_Buffer	x					x	
Record_Count	x					x	x
Total_Record_Count	x					x	
Member_Of		x				x	x
Delete_On_Forward		x				x	x
Issue_Confirmed_Notifications		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x

## Audit Reporter Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	
Reliability	x					x	
Event_State	x					x	
Audit_Level	x					x	x
Audit_Source_Reporter	x					x	
Auditable_Operations	x					x	x
Audit_Priority_Filter	x					x	x
Issue_Confirmed_Notifications	x					x	x
Monitored_Objects		x				x	x
Maximum_Send_Delay		x				x	x
Send_Now		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x

## Averaging Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Minimum_Value	x					x	x
Minimum_Value_Timestamp		x				x	x
Average_Value	x					x	x
Variance_Value	x					x	x
Maximum_Value	x					x	x
Maximum_Value_Timestamp		x				x	x
Description		x				x	x
Attempted_Samples	x		x			x	x
Valid_Samples	x					x	
Object_Property_Reference	x					x	x
Window_Interval	x		x			x	x
Window_Samples	x		x			x	x
Property_List		x				x	
Tags		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x



## Binary Input Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Polarity	x					x	x
Inactive_Text		x				x	x
Active_Text		x				x	x
Change_Of_State_Time		x				x	x
Change_Of_State_Count		x				x	x
Time_Of_State_Count_Reset		x				x	x
Elapsed_Active_Time		x				x	x
Time_Of_Active_Time_Reset		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Value		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value		x				x	
Property_List	x					x	
Tags		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

## Binary Lighting Output Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Description		x				x	x
Status_Flags	x					x	
Event_State		x				x	
Reliability		x				x	
Out_Of_Service	x					x	x
Blink_Warn_Enable	x					x	x
Egress_Time	x					x	x
Egress_Active	x					x	x
Feedback_Value		x				x	x
Priority_Array	x					x	
Relinquish_Default	x					x	x
Power		x				x	x
Polarity		x				x	x
Elapsed_Active_Time		x				x	x
Time_Of_Active_Time_Reset		x				x	x
Strike_Count		x				x	x
Time_Of_Strike_Count_Reset		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	
Current_Command_Priority	x					x	x
Value_Source		x				x	
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Binary Output Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Polarity	x					x	x
Inactive_Text		x				x	x
Active_Text		x				x	x
Change_Of_State_Time		x				x	x
Change_Of_State_Count		x				x	x
Time_Of_State_Count_Reset		x				x	x
Elapsed_Active_Time		x				x	x
Time_Of_Active_Time_Reset		x				x	x
Minimum_Off_Time		x				x	x
Minimum_On_Time		x				x	x
Priority_Array	x					x	
Relinquish_Default	x					x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Feedback_Value		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value		x				x	
Property_List	x					x	
Tags		x				x	x
Current_Command_Priority	x					x	
Value_Source		x				x	x
Value_source_Array		x				x	x
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Audit_Priority_Filter		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

# Binary Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Inactive_Text		x				x	x
Active_Text		x				x	x
Change_Of_State_Time		x				x	x
Change_Of_State_Count		x				x	x
Time_Of_State_Count_Reset		x				x	x
Elapsed_Active_Time		x				x	x
Time_Of_Active_Time_Reset		x				x	x
Minimum_Off_Time		x				x	x
Minimum_On_Time		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Value		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Current_Command_Priority	x					x	
Value_Source		x				x	x
Value_source_Array		x				x	x
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

## BitString Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Bit_Text		x				x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Values		x				x	x
Bit_Mask		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
EventAlgorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Calendar Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Date_List	x					x	x
Property_List	x						
Tags		x					
Profile_Location		x					
Audit_Level		x					
Auditable_Operations		x					
Profile_Name		x				x	x



## Channel Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x		x			x	x
Last_Priority	x					x	
Write_Status	x					x	x
Status_Flags	x					x	
Reliability		x				x	
Out_Of_Service	x					x	x
List_Of_Object_Property_References	x		x			x	x
Execution_Delay		x				x	x
Allow_Group_Delay_Inhibit		x				x	x
Channel_Number	x		x			x	x
Control_Groups	x		x			x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Event_State		x				x	
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Value_Source		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

# CharacterString Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Values		x				x	x
Fault_Values		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
EventAlgorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Command Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x		x			x	x
In_Process	x					x	x
All_Writes_Successful	x					x	x
Action		x				x	x
Action_Text		x				x	x
Property_List	x						
Status_Flags		x				x	x
Event_State		x				x	x
Reliability		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Value_Source		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x

## Date Pattern Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_config		x				x	x
Event_Detection_Enable		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# Date Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_config		x				x	x
Event_Detection_Enable		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## DateTime Pattern Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Is_UTC		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# DateTime Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Is_UTC		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# Device Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x			x		x	
Object_Name	x			x		x	x
Object_Type	x			x		x	
System_Status	x			x		x	x
Vendor_Name	x			x		x	x
Vendor_Identifier	x			x		x	x
Model_Name	x			x		x	x
Firmware_Revision	x			x		x	x
Application_Software_Version	x			x		x	x
Location		x				x	x
Description		x				x	x
Protocol_Version	x			x		x	x
Protocol_Revision	x			x		x	x
Protocol_Services_Supported	x			x		x	x
Protocol_Object_Types_Supported	x			x		x	x
Object_List	x			x		x	
Structured_Object_List		x				x	x
Max_APDU_Length_Accepted	x			x		x	x
Segmentation_Supported	x			x		x	x
Max_Segments_Accepted		x		x		x	x
VT_Classes_Supported		x				x	x
Active_VT_Sessions		x				x	x
Local_Time		x		x		x	x
Local_Date		x		x		x	x
UTC_Offset		x		x		x	x
Daylight_Savings_Status		x		x		x	x
APDU_Segment_Timeout		x		x		x	x
APDU_Timeout	x			x		x	x
Number_Of_APDU_Retries	x			x		x	x
List_Of_Session_Keys		x				x	x
Time_Synchronization_Recipients		x				x	x
Max_Master		x				x	x
Max_Info_Frames		x				x	x
Device_Address_Binding	x			x		x	x
Database_Revision	x			x		x	x
Configuration_Files		x				x	x
Last_Restore_Time		x				x	x
Backup_Failure_Timeout		x				x	x
Backup_Preparation_Time		x				x	x
Restore_Preparation_Time		x				x	x
Restore_Completion_Time		x				x	x
Backup_And_Restore_State		x				x	x
Active_COV_Subscriptions		x				x	x
Slave_Proxy_Enable		x				x	x



Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Manual_Slave_Address_Binding		x				x	x
Auto_Slave_Discovery		x				x	x
Slave_Address_Binding		x				x	x
Last_Restart_Reason		x				x	x
Time_Of_Device_Restart		x				x	x
Restart_Notification_Recipients		x				x	x
UTC_Time_Synchronization_Recipients		x				x	x
Time_Synchronization_Interval		x				x	x
Align_Intervals		x				x	x
Interval_Offset		x				x	x
Serial_Number		x				x	
Property_List	x			x		x	
Status_Flags		x				x	
Event_State		x				x	
Reliability		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Active_COV_Multiple_Subscription		x				x	
Tags		x				x	x
Profile_Location		x				x	x
Deployed_Profile_Location		x				x	x
Audit_Notification_Recipient		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Name		x				x	x
proprietary-property-39003							

## Elevator Group Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Machine_Room_ID	x					x	x
Group_ID	x					x	x
Group_Members	x					x	x
Group_Mode		x				x	x
Landing_Calls		x				x	x
Landing_Call_Control		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Escalator Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	
Elevator_Group	x					x	x
Group_ID	x					x	x
Installation_ID	x					x	x
Power_Mode	x					x	x
Operation_Direction	x					x	x
Escalator_Mode		x				x	x
Energy_Meter		x				x	x
Energy_Meter_Ref		x				x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Fault_Signals		x				x	x
Passenger_Alarm	x					x	x
Time_Delay		x				x	x
Time_Delay_Normal		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Event_State	x					x	
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Algorithm_Inhibit		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Event Enrollment Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Event_Type	x					x	
Notify_Type	x					x	x
Event_Parameters	x					x	x
Object_Property_Reference	x					x	x
Event_State	x					x	x
Event_Enable	x					x	x
Acked_Transitions	x					x	x
Notification_Class	x					x	x
Event_Time_Stamps	x					x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Status_Flags	x					x	
Reliability	x					x	
Fault_Type		x				x	
Fault_Parameters		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Event Log Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability						x	x
Enable	x		x			x	x
Start_Time		x				x	x
Stop_Time		x				x	x
Stop_When_Full	x					x	x
Buffer_Size	x					x	x
Log_Buffer	x					x	
Record_Count	x		x			x	x
Total_Record_Count	x					x	x
Notification_Threshold		x				x	x
Records_Since_Notification		x				x	x
Last_Notify_Record		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Notification_Class_Filter (39001)							

## File Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
File_Type	x					x	x
File_Size	x					x	x
Modification_Date	x					x	x
Archive	x		x			x	x
Read_Only	x					x	x
File_Access_Method	x					x	x
Record_Count		x				x	x
Property_List						x	
Tags	x					x	x
Profile_Location		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Name		x				x	x

## Global Group Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Group_Members	x					x	x
Group_Member_Names		x				x	x
Present_Value	x					x	
Status_Flags	x					x	x
Event_State	x					x	x
Member_Status_Flags	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Update_Interval		x				x	x
Requested_Update_Interval		x				x	x
COV_Resubscription_Interval		x				x	x
Client_COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions						x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
COVU_Period		x				x	x
COVU_Recipients		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Group Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
List_Of_Group_Members	x					x	x
Present_Value	x					x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x



# Integer Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Units	x					x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Large Analog Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Units	x					x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# Lift Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	
Elevator_Group	x					x	x
Group_ID	x					x	x
Installation_ID	x					x	x
Floor_Text		x				x	x
Car_Door_Text		x				x	x
Assigned_Landing_Calls		x				x	x
Making_Car_Call		x				x	x
Registered_Car_Call		x				x	x
Car_Position	x					x	x
Car_Moving_Direction	x					x	x
Car_Assigned_Direction		x				x	x
Car_Door_Status	x					x	x
Car_Door_Command		x				x	x
Car_Door_Zone		x				x	x
Car_Mode		x				x	x
Car_Load		x				x	x
Car_Load_Units		x				x	x
Next_Stopping_Floor		x				x	x
Passenger_Alarm	x					x	
Time_Delay		x				x	x
Time_Delay_Normal		x				x	x
Energy_Meter		x				x	x
Energy_Meter_Ref		x				x	x
Reliability		x				x	
Out_Of_Service	x					x	x
Car_Drive_Status		x				x	x
Fault_Signals	x					x	x
Landing_Door_Status		x				x	x
Higher_Deck		x				x	x
Lower_Deck		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Event_State	x					x	
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

# Lighting Output Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Tracking_Value	x					x	x
Lighting_Command	x		x			x	x
In_Progress	x					x	x
Description		x				x	x
Status_Flags	x					x	
Reliability		x				x	
Out_Of_Service	x					x	x
Blink_Warn_Enable	x					x	x
Egress_Time	x					x	x
Egress_Active	x					x	x
Default_Fade_Time	x					x	x
Default_Ramp_Rate	x					x	x
Default_Step_Increment	x					x	x
Transition		x				x	x
Feedback_Value		x				x	x
Priority_Array	x					x	
Relinquish_Default	x					x	x
Power		x				x	x
Instantaneous_Power		x				x	x
Min_Actual_Value		x				x	x
Max_Actual_Value		x				x	x
Lighting_Command_Default_Priority	x					x	x
COV_Increment		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority	x					x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# Load Control Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
State_Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Requested_Shed_Level			x			x	x
Start_Time			x			x	x
Shed_Duration			x			x	x
Duty_Window			x			x	x
Enable			x			x	x
Full_Duty_Baseline		x				x	x
Expected_Shed_Level	x					x	x
Actual_Shed_Level	x					x	x
Shed_Levels			x			x	x
Shed_Levels_Descriptions	x					x	x
Notification_Class		x				x	x
Time_Delay		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Value_Source		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x



## Loop Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Update_Interval		x				x	x
Output_Units	x					x	x
Manipulated_Variable_Reference	x					x	x
Controlled_Variable_Reference	x					x	x
Controlled_Variable_Value	x					x	x
Controlled_Variable_Units	x					x	x
Setpoint_Reference	x					x	x
Setpoint	x					x	x
Action	x					x	x
Proportional_Constant		x				x	x
Proportional_Constant_Units		x				x	x
Integral_Constant		x				x	x
Integral_Constant_Units		x				x	x
Derivative_Constant		x				x	x
Derivative_Constant_Units		x				x	x
Bias		x				x	x
Maximum_Output		x				x	x
Minimum_Output		x				x	x
Priority_For_Writing	x					x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Error_Limit		x				x	x
Deadband		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Property_List	x					x	
Low_Diff_Limit		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

# Multi-state Input Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Number_Of_States	x					x	x
State_Text		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Values		x				x	x
Fault_Values		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value		x				x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Multi-state Output Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Description		x				x	x
Device_Type		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Number_Of_States	x					x	x
State_Text		x				x	x
Priority_Array	x					x	
Relinquish_Default	x					x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Feedback_Value		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
EventAlgorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Interface_Value		x				x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority	x					x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
AuditableOperations		x				x	x
Audit_Priority_Filter		x				x	x

## Multi-state Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Number_Of_States	x					x	x
State_Text		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
Alarm_Values		x				x	x
Fault_Values		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
EventAlgorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
AuditableOperations		x				x	x
Audit_Priority_Filter		x				x	x

## Network Port Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x			x		x	
Object_Name	x			x		x	x
Object_Type	x			x		x	
Description		x				x	x
Status_Flags	x			x	x	x	x
Reliability	x			x		x	
Out_Of_Service	x			x	x	x	x
Network_Type	x			x	x	x	x
Protocol_Level	x			x	x	x	x
Reference_Port		x				x	x
Network_Number		x		x		x	x
Network_Number_Quality		x		x		x	
Changes_Pending	x			x		x	
Command		x				x	x
MAC_Address		x		x		x	x
APDU_Length		x		x		x	x
Link_Speed	x			x		x	x
Link_Speeds		x				x	x
Link_Speed_Autonegotiate		x				x	
Network_Interface_Name		x				x	x
BACnet_IP_Mode		x		x	x	x	x
IP_Address		x		x		x	x
BACnet_IP_UDP_Port		x		x		x	x
IP_Subnet_Mask		x		x		x	x
IP_Default_Gateway		x		x		x	x
BACnet_IP_Multicast_Address		x				x	x
IP_DNS_Server		x		x		x	x
IP_DHCP_Enable		x				x	x
IP_DHCP_Lease_Time		x				x	x
IP_DHCP_Lease_Time_Remaining		x				x	x
IP_DHCP_Server		x				x	x
BACnet_IP_NAT_Traversal		x		x		x	x
BACnet_IP_Global_Address		x		x		x	x
BBMD_Broadcast_Distribution_Table		x		x	x	x	x
BBMD_Accept_FD_Registrations		x		x	x	x	x
BBMD_Foreign_Device_Table		x		x		x	x
FD_BBMD_Address		x		x	x	x	x
FD_Subscription_Lifetime		x		x	x	x	x
BACnet_IPv6_Mode		x				x	x
IPv6_Address		x				x	x
IPv6_Prefix_Length		x				x	x
BACnet_IPv6_UDP_Port		x				x	x
IPv6_Default_Gateway		x				x	x
BACnet_IPv6_Multicast_Address		x				x	x

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
IPv6_DNS_Server		x				x	x
IPv6_Auto_Addressing_Enable		x				x	x
IPv6_DHCP_Lease_Time		x				x	x
IPv6_DHCP_Lease_Time_Remaining		x				x	x
IPv6_DHCP_Server		x				x	x
IPv6_Zone_Index		x				x	x
Max_Master		x				x	x
Max_Info_Frames		x				x	x
Slave_Proxy_Enable		x				x	x
Manual_Slave_Address_Binding		x				x	x
Auto_Slave_Discovery		x				x	x
Slave_Address_Binding		x				x	
Virtual_MAC_Address_Table		x				x	
Routing_Table		x		x		x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_State		x				x	
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x			x		x	
Tags		x				x	
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Notification Class Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Notification_Class		x				x	x
Priority	x					x	x
Ack_Required	x					x	x
Property_List	x						
Status_Flags		x					
Recipient_List	x					x	x
Event_state		x				x	
Reliability		x				x	
Event_Detection_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts						x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Profile_Name		x				x	x



## Notification Forwarder Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	
Reliability		x				x	
Out_Of_Service	x					x	x
Recipient_List	x					x	x
Subscribed_Recipients	x		x			x	x
Process_Identifier_Filter	x					x	x
Port_Filter		x				x	x
Local_Forwarding_Only	x					x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## OctetString Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags		x				x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Positive Integer Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Units	x					x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
COV_Increment		x				x	x
Time_Delay		x				x	x
Notification_Class		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Fault_High_Limit		x				x	x
Fault_Low_Limit		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

# Program Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Program_State	x					x	
Program_Change	x		x			x	x
Reason_For_Halt		x				x	x
Description_Of_Halt		x				x	x
Program_Location		x				x	x
Description		x				x	x
Instance_Of		x				x	x
Status_Flags	x					x	x
Reliability		x				x	x
Out_Of_Service	x					x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Event_State		x				x	
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Pulse Converter Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Input_Reference		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability	x					x	x
Out_Of_Service	x					x	x
Units	x					x	x
Scale_Factor	x		x			x	x
Adjust_Value	x					x	x
Count	x					x	
Update_Time	x					x	
Count_Change_Time	x					x	
Count_Before_Change		x				x	x
COV_Increment		x				x	x
COV_Period		x				x	x
Notification_Class		x				x	x
Time_Delay		x				x	x
High_Limit		x				x	x
Low_Limit		x				x	x
Deadband		x				x	x
Limit_Enable		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Time_Delay_Normal		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Schedule Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x					x	x
Description		x				x	x
Effective_Period	x					x	x
Weekly_Schedule		x				x	x
Exception_Schedule		x				x	x
Schedule_Default	x					x	x
List_Of_Object_Property_References	x					x	x
Priority_For_Writing	x					x	x
Status_Flags	x					x	x
Reliability	x					x	x
Out_Of_Service	x					x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Event_State		x				x	
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Reliability_Evaluation_Inhibit						x	x
Property_List	x					x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level						x	x
Audit_ablee_Operations		x				x	x

# Staging Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Present_Value	x		x			x	x
Present_Stage	x					x	x
Stages	x					x	x
Stage_Names		x				x	x
Status_Flags	x					x	
Event_State	x					x	
Reliability	x					x	
Out_Of_Service	x					x	x
Description		x				x	x
Units	x					x	x
Target_References	x					x	x
Priority_For_Writing	x					x	x
Default_Present_Value	x		x			x	x
Min_Pres_Value	x					x	x
Max_Pres_Value	x					x	x
COV_Increment		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Value_Source		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x



## Structured View Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x			x			
Object_Name	x			x	x		
Object_Type	x			x			
Description		x		x	x		
Node_Type	x			x	x		
Node_Subtype		x		x	x		
Subordinate_List	x			x	x		
Subordinate_Annotations		x		x	x		
Property_List	x			x			
Subordinate_Tags		x		x	x		
Subordinate_Node_Types		x		x	x		
Subordinate_Relationships		x		x	x		
Default_Subordinate_Relationships		x		x	x		
Represents		x		x	x		
Tags		x		x	x		
Profile_Location		x		x	x		
Profile_Name		x		x	x		
Audit_Level		x		x	x		
Auditable_Operations		x		x	x		

## Time Pattern Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Time Value Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	x
Event_State		x				x	x
Reliability		x				x	x
Out_Of_Service		x				x	x
Priority_Array		x				x	
Relinquish_Default		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List	x					x	
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Current_Command_Priority		x				x	
Value_Source		x				x	x
Value_Source_Array		x				x	
Last_Command_Time		x				x	
Command_Time_Array		x				x	
Audit_Level		x				x	x
Auditable_Operations		x				x	x
Audit_Priority_Filter		x				x	x

## Timer Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Present_Value	x					x	x
Status_Flags	x					x	
Event_State		x				x	
Reliability		x				x	
Out_Of_Service		x				x	x
Timer_State	x					x	x
Timer_Running	x					x	x
Update_Time		x				x	
Last_State_Change		x				x	x
Expiration_Time		x				x	x
Initial_Timeout		x				x	x
Default_Timeout		x				x	x
Min_Pres_Value		x				x	x
Max_Pres_Value		x				x	x
Resolution		x				x	x
State_Change_Values		x				x	x
List_Of_Object_Property_References		x				x	x
Priority_For_Writing		x				x	x
Event_Detection_Enable		x				x	x
Notification_Class		x				x	x
Time_Delay		x				x	x
Time_Delay_Normal		x				x	x
Alarm_Values		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	
Notify_Type		x				x	x
Event_Time_Stamps		x				x	
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Reliability_Evaluation_Inhibit		x				x	x
Property_List		x				x	
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

## Trend Log Multiple Object

Property Identifier	BACnet Standard			Neutrino-GLT			
	Required	Optional	Writable	Server		Client	
				Exist	Write	Read	Write
Object_Identifier	x					x	
Object_Name	x					x	x
Object_Type	x					x	
Description		x				x	x
Status_Flags	x					x	x
Event_State	x					x	x
Reliability	x					x	x
Enable	x		x			x	x
Log_DeviceObjectProperty	x					x	x
Logging_Type	x					x	x
Log_Interval	x		x			x	x
Align_Intervals		x				x	x
Interval_Offset		x				x	x
Stop_When_Full	x					x	x
Buffer_Size	x					x	x
Log_Buffer	x					x	
Record_Count	x		x			x	x
Total_Record_Count	x					x	x
Notification_Threshold		x				x	x
Records_Since_Notification		x				x	x
Last_Notify_Record		x				x	x
Notification_Class		x				x	x
Event_Enable		x				x	x
Acked_Transitions		x				x	x
Notify_Type		x				x	x
Event_Time_Stamps		x				x	x
Event_Message_Texts		x				x	
Event_Message_Texts_Config		x				x	x
Event_Detection_Enable		x				x	x
Event_Algorithm_Inhibit_Ref		x				x	x
Event_Algorithm_Inhibit		x				x	x
Property_List		x				x	x
Tags		x				x	x
Profile_Location		x				x	x
Profile_Name		x				x	x
Start_Time		x	x			x	x
Stop_Time		x	x			x	x
Trigger		x				x	x
Audit_Level		x				x	x
Auditable_Operations		x				x	x

# Trend Log Object

Property Identifier	BACnet Standard			Neutrino-GLT			
				Server		Client	
	Required	Optional	Writable	Exist	Write	Read	Write
Object_Identifier	x			x			x
Object_Name	x			x	x	100 characters	x
Object_Type	x			x			x
Description		x		x	x	100 characters	x
Enable	x		x	x	x		x
Start_Time		x		x	x		x
Stop_Time		x		x	x		x
Log_DeviceObjectProperty		x		x	x		x
Log_Interval		x		x	x		x
COV_Resubscription_Interval		x		x	x		x
Client_COV_Increment		x		x	x		x
Stop_When_Full	x			x	x		x
Buffer_Size	x			x	x		x
Log_Buffer	x			x			x
Record_Count	x		x	x	x		x
Total_Record_Count	x			x	x		x
Notification_Threshold		x		x	x		x
Records_Since_Notification		x		x	x		x
Last_Notify_Record		x		x	x		x
Event_State	x			x	x		x
Notification_Class		x		x	x		x
Event_Enable		x		x	x		x
Acked_Transitions		x		x			x
Notify_Type		x		x	x		x
Event_Time_Stamps		x		x			x
Profile_Name		x		x	x		x
Logging_Type		x		x	x		x
Align_Intervals		x		x	x		x
Interval_Offset		x		x	x		x
Trigger		x		x	x		x
Status_Flags		x		x	x		x
Reliability		x		x	x		x
Event_Message_Texts		x		x			
Event_Message_Texts_Config		x		x	x		x
Event_detection_Enable		x		x	x		x
Event_Algorithm_Inhibit_Ref		x		x	x		
Event_Algorithm_Inhibit		x		x	x		
Reliability_Evaluation_Inhibit		x		x	x		
Property_List	x			x			x
Tags		x		x	x		
Profile_Location		x		x	x		
Audit_Level		x		x	x		
Auditable_Operations		x		x	x		

## 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 master (Clause 9), baud rate(s)
- MS/TP slave (Clause 9), baud rate(s)
- Point-To-Point, EIA 232 (Clause 10), baud rate(s)
- Point-To-Point, modem, (Clause 10), baud rate(s) max. modem
- LonTalk, (Clause 11), medium
- BACnet/ZigBee (Annex O)
- Other

## Device Address Binding

- Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) Yes

## Networking Options

- Router, Clause 6 - List all routing configurations
- Annex H, BACnet Tunneling Router over IP
- BACnet Broadcast Management Device (BBMD)
- Does the BBMD support registrations by Foreign Devices?
- Does the BBMD support network address translation?

# Character Sets Supported

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

- UTF-8
- IBM/Microsoft DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (UCS-4)
- JIS X 0208
- ISO 10646 (UTF-8)

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports: