

Distech Controls Advanced Application Controller PICS

BACnet Protocol Implementation Conformance Statement

Date January 13, 2014
Vendor Name Distech Controls Inc.
Product Name ECB-300 Series, ECB-400 Series, ECB-600 Series
Product Model Number ECB-300, ECB-350, ECB-400, ECB-403, ECB-410, ECB-413, ECB-450, ECB-253, ECB-600, ECB-610, ECB-650
Application Software Version B:2.1.10235.2 A:3.5.13337.1
Firmware Revision 2.2.13337.1
BACnet Protocol Revision Version 1, Revision 9

Product Description:

The ECB-300 Series, ECB-400 Series, and ECB-600 Series are microprocessor-based programmable controllers designed to control various building automation applications such as Air Handling Units, Multi-zone Applications, Chillers, Boilers, pumps, Cooling Towers, Roof Top Units, and lighting control applications.

BACnet Standardized Device Profile (Annex L):

- BACnet Advanced 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)

Additional BACnet Interoperability Building Blocks Supported (Annex K):

Required for B-AAC Profile:

Application Service	BIBBS
Data Sharing – Read Property - Execute	DS-RP-B
Data Sharing – ReadPropertyMultiple - Execute	DS-RPM-B
Data Sharing – Write Property - Execute	DS-WP-B
Data Sharing – WritePropertyMultiple - Execute	DS-WPM-B
Alarm and Event – Notification Internal - Execute	AE-N-I-B
Alarm and Event – ACK - Execute	AE-ACK-B
Alarm and Event – Information - Execute	AE-INFO-B
Alarm and Event – Alarm Summary - Execute	AE-ASUM-B
Alarm and Event – Enrollment Summary - Execute	AE-ESUM-B
Scheduling-Internal - Execute	SCHED-I-B
Device Management – Dynamic Device Binding - Execute	DM-DDB-B
Device Management – Dynamic Object Binding - Execute	DM-DOB-B
Device Management – DeviceCommunicationControl - Execute	DM-DCC-B
Device Management – TimeSynchronization - Execute or	DM-TS-B or
Device Management – UTCTimeSynchronization - Execute	DM-UTC-B
Device Management – ReinitializeDevice - Execute	DM-RD-B

Not Required for B-AAC Profile:

Application Service	BIBBS
Data Sharing – Read Property - Initiate	DS-RP-A
Data Sharing – Read Property Multiple - Initiate	DS-RPM-A
Data Sharing – Write Property - Initiate	DC-WP-A
Data Sharing – Write Property Multiple - Initiate	DS-WPM-A
Data Sharing – COV - Initiate	DS-COV-A
Data Sharing – COV - Execute	DS-COV-B
Data Sharing – COV Unsolicited - Initiate	DS-COVU-A
Data Sharing – COV Unsolicited - Execute	DS-COVU-B

Device Management – Dynamic Device Binding - Initiate	DM-DDB-A
Device Management – Reinitialize Device - Execute	DM-RD-B
Device Management – Automatic Time Synchronization - Initiate	DM-ATS-A
Device Management – Manual Time Synchronization - Initiate	DM-MTS-A
File Access – Atomic Read File	N/A
File Access – Atomic Write File	N/A
Remote Device Management – Confirmed Private Transfer	N/A
Remote Device Management – Unconfirmed Private Transfer	N/A

Standard Object Types Supported

The following is a list of the standard object types as define by the standard. The objects checked are currently supported by this product. See the section in this document for the supported object type for details.

- Accumulator
- Analog Input
- Analog Output
- Analog Value
- Averaging
- Binary Input
- Binary Output
- Binary Value
- Calendar
- Command
- Device
- Event Enrollment
- File
- Group
- Life Safety Point
- Life Safety Zone
- Loop
- Multistate Input
- Multistate Output
- Multistate Value
- Notification Class
- Program
- Pulse Converter
- Schedule
- Trend Log

BACnet Analog Input (AI) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Units	<input checked="" type="checkbox"/>			R	117	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
COV_Increment		<input checked="" type="checkbox"/>		RW	22	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
High_Limit	<input checked="" type="checkbox"/>			RW	45	
Low_Limit	<input checked="" type="checkbox"/>			RW	59	
Deadband	<input checked="" type="checkbox"/>			RW	25	
Limit_Enable	<input checked="" type="checkbox"/>			RW	52	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Analog Output (AO) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			RW	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Units	<input checked="" type="checkbox"/>			R	117	
Min_Present_Value		<input checked="" type="checkbox"/>		R	69	
Max_Present_Value		<input checked="" type="checkbox"/>		R	65	
Priority_Array	<input checked="" type="checkbox"/>			R	87	
Relinquish_Default	<input checked="" type="checkbox"/>			RW	104	
COV_Increment		<input checked="" type="checkbox"/>		RW	22	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
High_Limit	<input checked="" type="checkbox"/>			RW	45	
Low_Limit	<input checked="" type="checkbox"/>			RW	59	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Deadband	<input checked="" type="checkbox"/>			RW	25	
Limit_Enable	<input checked="" type="checkbox"/>			RW	52	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Analog Value (AV) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			RW	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Units	<input checked="" type="checkbox"/>			R	117	
Priority_Array		<input checked="" type="checkbox"/>		R	87	
Relinquish_Default		<input checked="" type="checkbox"/>		RW	104	
COV_Increment		<input checked="" type="checkbox"/>		RW	22	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
High_Limit	<input checked="" type="checkbox"/>			RW	45	
Low_Limit	<input checked="" type="checkbox"/>			RW	59	
Deadband	<input checked="" type="checkbox"/>			RW	25	
Limit_Enable	<input checked="" type="checkbox"/>			RW	52	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Binary Input (BI) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Polarity	<input checked="" type="checkbox"/>			R	84	
Inactive_Text		<input checked="" type="checkbox"/>			46	
Active_Text		<input checked="" type="checkbox"/>			4	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
Alarm_Value	<input checked="" type="checkbox"/>			RW	6	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Binary Output (BO) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			RW	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Polarity	<input checked="" type="checkbox"/>			R	84	
Inactive_Text		<input checked="" type="checkbox"/>			46	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Active_Text		<input checked="" type="checkbox"/>			4	
Priority_Array	<input checked="" type="checkbox"/>			R	87	
Relinquish_Default	<input checked="" type="checkbox"/>			RW	104	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
Feedback_Value	<input checked="" type="checkbox"/>			R	40	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Binary Value (BV) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			RW	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Inactive_Text		<input checked="" type="checkbox"/>			46	
Active_Text		<input checked="" type="checkbox"/>			4	
Priority_Array		<input checked="" type="checkbox"/>		R	87	
Relinquish_Default		<input checked="" type="checkbox"/>		RW	104	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
Alarm_Value	<input checked="" type="checkbox"/>			RW	6	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Calendar Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	85	
Date_List	<input checked="" type="checkbox"/>			RW	23	
Time_To_Next_State			<input checked="" type="checkbox"/>	R	1001	
Next_State			<input checked="" type="checkbox"/>	R	1002	

Device Object

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			RW	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
System_Status	<input checked="" type="checkbox"/>			R	112	
Vendor_Name	<input checked="" type="checkbox"/>			R	121	
Vendor_Identifier	<input checked="" type="checkbox"/>			R	120	
Model_Name	<input checked="" type="checkbox"/>			R	70	
Firmware_Revision	<input checked="" type="checkbox"/>			R	44	
Application_Software_Version	<input checked="" type="checkbox"/>			R	12	
Location		<input checked="" type="checkbox"/>		RW	58	
Protocol_Version	<input checked="" type="checkbox"/>			R	98	
Protocol_Revision	<input checked="" type="checkbox"/>			R	139	
Protocol_Services_Supported	<input checked="" type="checkbox"/>			R	97	
Protocol_Object_Types_Supported	<input checked="" type="checkbox"/>			R	96	
Object_List	<input checked="" type="checkbox"/>			R	76	
Max_APDU_Length_Accepted	<input checked="" type="checkbox"/>			R	62	
Segmentation_Supported	<input checked="" type="checkbox"/>			R	107	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Local_Date		<input checked="" type="checkbox"/>		R	56	
Local_Time		<input checked="" type="checkbox"/>		R	57	
UTC_Offset		<input checked="" type="checkbox"/>		RW	119	
Daylight_Savings_Status		<input checked="" type="checkbox"/>		R	24	
APDU_Timeout	<input checked="" type="checkbox"/>			RW	10	
Number_Of_APDU_Retries	<input checked="" type="checkbox"/>			RW	73	
Time_Synchronization_Recipients		<input checked="" type="checkbox"/>		RW	116	
Max_Master		<input checked="" type="checkbox"/>		RW	64	
Max_Info_Frames		<input checked="" type="checkbox"/>		RW	63	
Device_Address_Binding	<input checked="" type="checkbox"/>			R	30	
Database_Revision	<input checked="" type="checkbox"/>			R	155	
Active_COV_Subscriptions		<input checked="" type="checkbox"/>		R	152	
Utc_Time_Synchronization_Recipients		<input checked="" type="checkbox"/>		RW	206	
Time_Synchronization_Interval		<input checked="" type="checkbox"/>		RW	204	
Align_Intervals		<input checked="" type="checkbox"/>		RW	193	
Interval_Offset		<input checked="" type="checkbox"/>		RW	195	

BACnet File Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			R	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
File_Type	<input checked="" type="checkbox"/>			R	43	
File_Size	<input checked="" type="checkbox"/>			R	42	
Modification_Date	<input checked="" type="checkbox"/>			R	71	
Archive	<input checked="" type="checkbox"/>			RW	13	
Read_Only	<input checked="" type="checkbox"/>			R	99	
File_Access_Method	<input checked="" type="checkbox"/>			R	41	

BACnet Loop Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Output_Units	<input checked="" type="checkbox"/>			R	82	
Manipulated_Variable_Reference	<input checked="" type="checkbox"/>			R	60	
Controlled_Variable_Reference	<input checked="" type="checkbox"/>			R	19	
Controlled_Variable_Value	<input checked="" type="checkbox"/>			R	21	
Controlled_Variable_Units	<input checked="" type="checkbox"/>			R	20	
Setpoint_Reference	<input checked="" type="checkbox"/>			R	109	
Setpoint	<input checked="" type="checkbox"/>			R	108	
Action	<input checked="" type="checkbox"/>			RW	2	
Proportional_Constant		<input checked="" type="checkbox"/>		RW	93	
Proportional_Constant_Units		<input checked="" type="checkbox"/>		R	94	
Integral_Constant		<input checked="" type="checkbox"/>		RW	49	
Integral_Constant_Units		<input checked="" type="checkbox"/>		R	50	
Derivative_Constant		<input checked="" type="checkbox"/>		RW	26	
Derivative_Constant_Units		<input checked="" type="checkbox"/>		R	27	
Bias		<input checked="" type="checkbox"/>		RW	14	
Priority_For_Writing	<input checked="" type="checkbox"/>			R	88	
LoopDeadband			<input checked="" type="checkbox"/>	RW	1011	
Saturation_Time			<input checked="" type="checkbox"/>	RW	1003	
COV_Increment		<input checked="" type="checkbox"/>		RW	22	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Ramp_Time			<input checked="" type="checkbox"/>	RW	1005	
Saturation_Time_Low_Limit_Enable			<input checked="" type="checkbox"/>	RW	1006	
Saturation_Time_High_Limit_Enable			<input checked="" type="checkbox"/>	RW	1007	

BACnet Multi-state Input (MSI) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Number_of_States	<input checked="" type="checkbox"/>			R	74	
State_Text		<input checked="" type="checkbox"/>		R	110	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
Alarm_Values	<input checked="" type="checkbox"/>			RW	7	
Fault_Values	<input checked="" type="checkbox"/>			RW	39	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Multi-state Value (MSV) Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			RW	85	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Event_State	<input checked="" type="checkbox"/>			R	36	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Number_of_States	<input checked="" type="checkbox"/>			R	74	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
State_Text		<input checked="" type="checkbox"/>		R	110	
Priority_Array		<input checked="" type="checkbox"/>		R	87	
Relinquish_Default		<input checked="" type="checkbox"/>		RW	104	
COV_Period			<input checked="" type="checkbox"/>	RW	1004	
COV_Min_Send_Time			<input checked="" type="checkbox"/>	RW	1000	
Time_Delay	<input checked="" type="checkbox"/>			RW	113	
Notification_Class	<input checked="" type="checkbox"/>			RW	17	
Alarm_Values	<input checked="" type="checkbox"/>			RW	7	
Fault_Values	<input checked="" type="checkbox"/>			RW	39	
Event_Enable	<input checked="" type="checkbox"/>			RW	35	
Acked_Transitions	<input checked="" type="checkbox"/>			R	0	
Notify_Type	<input checked="" type="checkbox"/>			RW	72	
Event_Time_Stamps	<input checked="" type="checkbox"/>			R	130	

BACnet Program Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Program_State	<input checked="" type="checkbox"/>			R	92	
Program_Change	<input checked="" type="checkbox"/>			RW	90	
Description_Of_Halt		<input checked="" type="checkbox"/>		R	29	
Reason_For_Halt		<input checked="" type="checkbox"/>		R	100	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			R	81	

BACnet Notification Class Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Type	<input checked="" type="checkbox"/>			R	79	
Notification_Class	<input checked="" type="checkbox"/>			R	17	
Priority	<input checked="" type="checkbox"/>			RW	86	
Ack_Required	<input checked="" type="checkbox"/>			RW	1	
Recipient_List	<input checked="" type="checkbox"/>			RW	102	

BACnet Schedule Object Type

- Dynamically Creatable
- Dynamically Deletable

Property Name	Mandatory	Optional	Proprietary	RW	ID	Range
Object_Identifier	<input checked="" type="checkbox"/>			R	75	
Object_Name	<input checked="" type="checkbox"/>			RW	77	
Object_Type	<input checked="" type="checkbox"/>			R	79	
Present_Value	<input checked="" type="checkbox"/>			R	92	
Effective_Period	<input checked="" type="checkbox"/>			RW	32	
Weekly_Schedule		<input checked="" type="checkbox"/>		RW	123	
Exception_Schedule		<input checked="" type="checkbox"/>		RW	38	
Schedule_Default	<input checked="" type="checkbox"/>			RW	174	
List_Of_Object_Property_References	<input checked="" type="checkbox"/>			R	54	
Priority_For_Writing	<input checked="" type="checkbox"/>			W	88	
Status_Flags	<input checked="" type="checkbox"/>			R	111	
Reliability		<input checked="" type="checkbox"/>		R	103	
Out_Of_Service	<input checked="" type="checkbox"/>			RW	81	
Time_To_Next_State			<input checked="" type="checkbox"/>	R	1001	
Next_State			<input checked="" type="checkbox"/>	R	1002	

Segmentation Capability:

- Segmented Request supported
- Segmented Response supported

Window size: N/A

Window size: N/A

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
- 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): _____
- LonTalk, (Clause 11), medium: _____
- 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 No

Networking Options:

- Router, Clause 6 - Routing configurations: Ethernet-IP, Ethernet-MS/TP, IP-MS/TP
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
Does the BBMD support registrations by Foreign Devices?
 Yes No

Character Sets Supported:

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

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

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

Not applicable