BACnet Protocol Implementation Conformance Statement

Date:	October 29, 2026
Vendor Name:	Delta Controls
Product Name:	enteliWEB
Product Model Number:	eWEB
Product Version:	4.34
Firmware Revision:	8.2.0 (BACnet Server)
BACnet Protocol Revision:	28

Product Description

enteliWEB combines the power of enterprise dashboards with easy-to-use facility management tools. Customizable energy management dashboards and powerful energy reports give managers the tools to reduce consumption and lower costs. Task-driven alarm management and system dashboards allow operators to quickly visualize and prioritize their work and keep the facility running comfortably and efficiently.

enteliWEB resides on a server that connects to both the building automation network and to the facility LAN. enteliWEB is based on client-server architecture and has no limits on the number of simultaneous users. It can connect to multiple sites simultaneously, displaying system dashboards and providing alarm management and energy management tools.

BACnet Standardized Device Profile (Annex L)

BACnet Advanced Operator Workstation (B-AWS)

BACnet Secure Connect Hub (B-SCHUB)

BACnet Interoperability Building Blocks (Annex K)

enteliWEB supports the following BIBBs:

Data Sharing	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-WriterPropertyMultiple-B
	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	AE-N-A	Alarm and Event-Notification-A
	AE-ACK-A	Alarm and Event-ACK-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	SCHED-VM-A	Scheduling-View Modify-A
	SCHED-WS-A	Scheduling-Weekly Schedule-A
	SCHED-AVM-A	Scheduling-Advanced View and Modify-A

Trending	T-V-A	Trending-View-A
	T-AVM-A	Trending-Advanced View and Modify-A

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

Network Management	NM-CC-A	Network Management-Communications-Configuration-A
	NM-FDR-A	Network Management-Foreign Device Registration-A
	NM-SCH-B	Network Management-Secure Connect Hub-B

Segmentation Capability

☑ Able to transmit segmented message Window Size = 2

☑ Able to receive segmented message Window Size = 2

Standard Object Types Supported

☑ Dynamically creatable using the CreateObject service, except Device object.

☑ Dynamically deletable using the DeleteObject service, except Device object.

Standard Properties Summary

Object Type	Property Identifier	Writable	Optional	Property Range Restriction
Device Object	APDU_Segment_Timeout	☑	☑	
	APDU_Timeout	☑	☐	
	Align_Intervals	☑	☑	
	Daylight_Savings_Status	☐	☑	
	Description	☑	☑	Limited to 255 characters
	Interval_Offset	☑	☑	
	Local_Date	☐	☑	
	Local_Time	☐	☑	
	Location	☑	☑	Limited to 1023 characters
	Max_Segments_Accepted	☐	☑	
	Number_Of_APDU_Retries	☑	☐	
	Object_Name	☑	☐	Limited to 255 characters
	Time_Synchronization_Recipients	☑	☑	
	Time_Syncronization_Interval	☑	☑	
	UTC_Time_Synchronization_Recipients	☑	☑	
	UTC_Offset	☑	☑	
File Object	Archive	☑	☐	
	Description	☑	☑	Limited to 2000 characters
	File_Type	☑	☐	
	File_Size	☑	☐	
	Read_Only	☑	☐	
	Object_Name	☑	☐	Limited to 255 characters

Proprietary Properties Summary

Proprietary properties are supported.

BACnet Data Link Layer Options

☐ ARCNET (ATA 878.1), 2.5 Mb. (Clause 8)

☐ ARCNET (ATA 878.1), EIA-485 (Clause 8), baud rate(s):

☑ BACnet IP, (Annex J)

☐ BACnet IP, (Annex J), BACnet Broadcast Management Device (BBMD)

☐ BACnet IP, (Annex J), Network Address Translation (NAT Traversal)

☑ BACnet IP, (Annex J), Foreign Device

☐ BACnet IPv6, (Annex U)

☐ BACnet IPv6, (Annex U), BACnet Broadcast Management Device (BBMD)

☐ BACnet/ZigBee (Annex O)

☑ Ethernet, ISO 8802-3 (Clause 7)

☐ LonTalk, ISO/IEC 14908.1, (Clause 11), medium:

☑ MS/TP master (Clause 9), baud rate(s): 9600, 38400, 76800 – eWEB with CON768-BT

☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s):

☐ Point-To-Point, modem, (Clause 10), baud rate(s):

☑ BACnet Secure Connect (Annex AB)

- ☑ BACnet Secure Connect Node, direct connections not supported
- ☑ BACnet Secure Connect Hub Function

  Maximum number of simultaneous hub connections accepted: 100
- ☐ HTTPS Proxy Support

  List the types of HTTPS proxies supported:
- ☐ Additional cipher suites supported beyond those required for TLS V1.3

  The additional cipher suites supported using the cipher suite names as of the TLS Cipher Suite Registry at IANA (See RFC 8446):
- ☐ Additional Transport Layer Security versions other than V1.3 supported

  The TLS versions other than V1.3 that are supported, including the supported cipher suites for the version beyond those required, using the cipher suite names as defined by the TLS version supported:
- ☐ Generates private keys internally and provides matching certificate signing requests.
- ☑ DNS host name resolution supported (RFC 1123)
- ☐ mDNS host name resolution supported (RFC 6762)

☐ Other:

Device Address Binding

Is static device binding supported? ☐ Yes ☑ No

Networking Options

☐ Router, Clause 6 – Router between: Ethernet, BACnet/IP

☐ Annex H, BACnet Tunneling Router over IP

Character Sets Supported

☑ ISO 10646 (UTF-8)

☐ ISO 10646 (UCS-2)

☐ ISO 10646 (ICS-4)

☑ ISO 8859-1 (Read)

☐ IBM/Microsoft DBCS

☐ JIS X 0208

Gateway Options

enteliWEB is not a communications gateway.