



Date: December 6, 2010
Vendor Name: Delta Controls Inc.
Product Name: enteliWEB
Product Model Number: eWEB
Product Version: 1.1
BACnet Protocol Revision: 9

Product Description:

Delta Controls enteliWEB (eWEB) is a web-based front-end for both facility staff and managers and was developed with the needs of both groups in mind.

It is a PC-based server that connects to both the building automation network and the facility LAN. enteliWEB is based on a client-server architecture and the software has no limits on the number of simultaneous users. Based on the dashboard setup, users may view energy information, system /device architecture, and perform alarm management.

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)

BACnet Interoperability Building Blocks Supported (Annex K):

BACnet Interoperability Building Block	Supported
Data Sharing	
Data Sharing-ReadProperty-A (DS-RP-A)	<input checked="" type="checkbox"/>
Data Sharing-ReadProperty-B (DS-RP-B)	<input checked="" type="checkbox"/>
Data Sharing-ReadPropertyMultiple-A (DS-RPM-A)	<input checked="" type="checkbox"/>
Data Sharing-ReadPropertyMultiple-B (DS-RPM-B)	<input checked="" type="checkbox"/>
Data Sharing-ReadPropertyConditional-A (DS-RPC-A)	<input type="checkbox"/>
Data Sharing-ReadPropertyConditional-B (DS-RPC-B)	<input type="checkbox"/>
Data Sharing-WriteProperty-A (DS-WP-A)	<input checked="" type="checkbox"/>
Data Sharing-WriteProperty-B (DS-WP-B)	<input checked="" type="checkbox"/>
Data Sharing-WritePropertyMultiple-A (DS-WPM-A)	<input checked="" type="checkbox"/>
Data Sharing-WritePropertyMultiple-B (DS-WPM-B)	<input checked="" type="checkbox"/>
Data Sharing-COV-A (DS-COV-A)	<input type="checkbox"/>
Data Sharing-COV-B (DS-COV-B)	<input type="checkbox"/>
Data Sharing-COVP-A (DS-COVP-A)	<input type="checkbox"/>
Data Sharing-COVP-B (DS-COVP-B)	<input type="checkbox"/>
Data Sharing-COV-Unsolicited-A (DS-COVU-A)	<input type="checkbox"/>
Data Sharing-COV-Unsolicited-B (DS-COVU-B)	<input type="checkbox"/>
Data Sharing-View-A (DS-V-A)	<input checked="" type="checkbox"/>
Data Sharing-Advanced View-A (DS-AV-A)	<input type="checkbox"/>
Data Sharing-Modify-A (DS-M-A)	<input checked="" type="checkbox"/>
Data Sharing-Advanced Modify-A (DS-AM-A)	<input type="checkbox"/>
Scheduling	
Scheduling-A (SCHED-A)	<input type="checkbox"/>
Scheduling-Internal-B (SCHED-I-B)	<input type="checkbox"/>
Scheduling-External-A (SCHED-E-B)	<input type="checkbox"/>
Scheduling-View Modify-A (SCHED-VM-A)	<input type="checkbox"/>
Scheduling-Advanced View Modify-A (SCHED-AVM-A)	<input type="checkbox"/>
Scheduling-Weekly Schedule-A (SCHED-WS-A)	<input type="checkbox"/>
Scheduling-Weekly Schedule Internal-B (SCHED-WS-I-B)	<input type="checkbox"/>
Scheduling-Readable-B (SCHED-R-B)	<input type="checkbox"/>
Trending	
Trending-Viewing and Modifying Trends-A (T-VMT-A)	<input type="checkbox"/>
Trending-Viewing and Modifying Multiple Values-A (T-VMMV-A)	<input type="checkbox"/>
Trending-Viewing and Modifying Trends-Internal-B (T-VMT-I-B)	<input type="checkbox"/>
Trending-Viewing and Modifying Trends-External-B (T-VMT-E-B)	<input type="checkbox"/>
Trending-Automated Trend Retrieval-A (T-ATR-A)	<input type="checkbox"/>
Trending-Automated Trend Retrieval-B (T-ATR-B)	<input type="checkbox"/>
Trending-View-A (T-V-A)	<input type="checkbox"/>
Trending-Advanced View and Modify-A (T-AVM-A)	<input type="checkbox"/>
Trending-Archiving-A (T-A-A)	<input type="checkbox"/>
Network Management	
Network Management-Connection Establishment-A (NM-CE-A)	<input type="checkbox"/>
Network Management-Connection Establishment-B (NM-CE-B)	<input type="checkbox"/>
Network Management-Router Configuration-A (NM-RC-A)	<input type="checkbox"/>
Network Management-Router Configuration-B (NM-RC-B)	<input type="checkbox"/>
Alarm and Event Management	
Alarm and Event-Notification-A (AE-N-A)	<input checked="" type="checkbox"/>
Alarm and Event-Notification Internal-B (AE-N-I-B)	<input type="checkbox"/>
Alarm and Event-Notification External-B (AE-N-E-B)	<input type="checkbox"/>
Alarm and Event-ACK-A (AE-ACK-A)	<input checked="" type="checkbox"/>
Alarm and Event-ACK-B (AE-ACK-B)	<input type="checkbox"/>



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BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

BACnet Interoperability Building Block	Supported
Alarm and Event-Alarm Summary-A (AE-ASUM-A)	<input checked="" type="checkbox"/>
Alarm and Event-Alarm Summary-B (AE-ASUM-B)	<input type="checkbox"/>
Alarm and Event-Enrollment Summary-A (AE-ESUM-A)	<input checked="" type="checkbox"/>
Alarm and Event-Enrollment Summary-B (AE-ESUM-B)	<input type="checkbox"/>
Alarm and Event-Information-A (AE-INFO-A)	<input checked="" type="checkbox"/>
Alarm and Event-Information-B (AE-INFO-B)	<input type="checkbox"/>
Alarm and Event-LifeSafety-A (AE-LS-A)	<input type="checkbox"/>
Alarm and Event-LifeSafety-B (AE-LS-B)	<input type="checkbox"/>
Alarm and Event-View Notifications-A (AE-VN-A)	<input type="checkbox"/>
Alarm and Event-Advanced View Notifications-A (AE-AVN-A)	<input type="checkbox"/>
Alarm and Event-View Modify-A (AE-VM-A)	<input type="checkbox"/>
Alarm and Event-Advanced View Modify-A (AE-AVM-A)	<input type="checkbox"/>
Alarm and Event-Alarm Summary-A (AE-AS-A)	<input checked="" type="checkbox"/>
Alarm and Event-Event Log View (AE-ELV-A)	<input type="checkbox"/>
Alarm and Event-Event Log View and Modify (AE-ELVM-A)	<input type="checkbox"/>
Alarm and Event-Event Log - Internal (AE-EL-E-B)	<input type="checkbox"/>
Alarm and Event-Event Log - External (AE-EL-E-B)	<input type="checkbox"/>
Device Management	
Device Management-Dynamic Device Binding-A (DM-DDB-A)	<input checked="" type="checkbox"/>
Device Management-Dynamic Device Binding-B (DM-DDB-B)	<input checked="" type="checkbox"/>
Device Management-Automatic Network Mapping-A (DM-ANM-A)	<input checked="" type="checkbox"/>
Device Management-Automatic Device Mapping-A (DM-ADM-A)	<input checked="" type="checkbox"/>
Device Management-Dynamic Object Binding-A (DM-DOB-A)	<input type="checkbox"/>
Device Management-Dynamic Object Binding-B (DM-DOB-B)	<input checked="" type="checkbox"/>
Device Management-DeviceCommunicationControl-A (DM-DCC-A)	<input type="checkbox"/>
Device Management-DeviceCommunicationControl-B (DM-DCC-B)	<input checked="" type="checkbox"/>
Device Management-Private Transfer-A (DM-PT-A)	<input checked="" type="checkbox"/>
Device Management-Private Transfer-B (DM-PT-B)	<input checked="" type="checkbox"/>
Device Management-Text Message-A (DM-TM-A)	<input type="checkbox"/>
Device Management-Text Message-B (DM-TM-B)	<input type="checkbox"/>
Device Management-TimeSynchronization-A (DM-TS-A)	<input type="checkbox"/>
Device Management-TimeSynchronization-B (DM-TS-B)	<input type="checkbox"/>
Device Management-UTCTimeSynchronization-A (DM-UTC-A)	<input type="checkbox"/>
Device Management-UTCTimeSynchronization-B (DM-UTC-B)	<input type="checkbox"/>
Device Management-Automatic Time Synchronization-A (DM-ATS-A)	<input type="checkbox"/>
Device Management-Manual Time Synchronization-A (DM-MTS-A)	<input type="checkbox"/>
Device Management-ReinitializeDevice-A (DM-RD-A)	<input type="checkbox"/>
Device Management-ReinitializeDevice-B (DM-RD-B)	<input type="checkbox"/>
Device Management-Restart-A (DM-R-A)	<input checked="" type="checkbox"/>
Device Management-Restart-B (DM-R-B)	<input type="checkbox"/>
Device Management-Backup and Restore-A (DM-BR-A)	<input type="checkbox"/>
Device Management-Backup and Restore-B (DM-BR-B)	<input type="checkbox"/>
Device Management-List Manipulation-A (DM-LM-A)	<input type="checkbox"/>
Device Management-List Manipulation-B (DM-LM-B)	<input type="checkbox"/>
Device Management-Object Creation and Deletion-A (DM-OCD-A)	<input type="checkbox"/>
Device Management-Object Creation and Deletion-B (DM-OCD-B)	<input type="checkbox"/>
Device Management-Virtual Terminal-A (DM-VT-A)	<input type="checkbox"/>
Device Management-Virtual Terminal-B (DM-VT-B)	<input type="checkbox"/>

Segmentation Capability:

Segmented Requests Supported	<input checked="" type="checkbox"/>	Window Size:	4
Segmented Responses Supported	<input checked="" type="checkbox"/>	Window Size:	4

Standard Object Types Supported:

Object-Type	Supported	Dynamically Creatable	Dynamically Deletable	Optional Properties Supported	Writable Properties
Analog Input	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Analog Output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Analog Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Averaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Input	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Calendar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Command	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Device	YES	N/A	N/A	Description, Location, APDU Seg Timeout, Max Segments Accepted	Object Name, Description, Location
Event Enrollment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
File	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Life Safety Point	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Life Safety Zone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Loop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Multi-state Input	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Multi-state Output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Multi-state Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Notification Class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Trend Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Proprietary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7) (10Base2, 10Base5, 10BaseT, Fiber)
- 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): 9600, 19200, 38400
- Point-To-Point, modem, (Clause 10), baud rate(s): 9600, 19200, 38400
- LonTalk, (Clause 11), medium:
- Other:

