

BACnet Protocol Implementation Conformance Statement

Date: January 05, 2018
 Vendor Name: DEOS AG (Vendor ID: 142)
 Product Name: OPENweb
 Product Model Number: DS-OWB
 Applications Software Version: 9.0.10
 Firmware Revision: 2.1.5
 BACnet Protocol Version: 1
 BACnet Protocol Revision: 14

Product Description:

OPENweb - advanced operator workstation.

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- 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):

Data Sharing

Data Sharing-Read Property-A	DS-RP-A
Data Sharing-Read Property-B	DS-RP-B
Data Sharing-Read Property Multiple-A	DS-RPM-A
Data Sharing-Read Property Multiple-B	DS-RPM-B
Data Sharing-Write Property-A	DS-WP-A
Data Sharing-Write Property-B	DS-WP-B
Data Sharing-Write Property Multiple-A	DS-WPM-A
Data Sharing-COV-A	DS-COV-A
Data Sharing-COVP-A	DS-COVP-A
Data Sharing-View-A	DS-V-A
Data Sharing-Advanced View-A	DS-AV-A
Data Sharing-Modify-A	DS-M-A
Data Sharing-Advanced Modify-A	DS-M-A

Alarm / Event

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

Scheduling

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

Trending

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

Device Management

Device Management-Dynamic Device Binding-A	DM-DDB-A
Device Management-Dynamic Device Binding-B	DM-DDB-B
Device Management-Dynamic Object Binding-A	DM-DOB-A
Device Management-Dynamic Object Binding-B	DM-DOB-B
Device Management-Automatic Device Mapping-A	DM-ADM-A
Device Management-Automatic Network Mapping-A	DM-ANM-A
Device Management-Time Synchronization-A	DM-TS-A
Device Management-UTC Time Synchronization-A	DM-UTC-A
Device Management-Automatic Time Synchronization-A	DM-ATS-A
Device Management-Manual Time Synchronization-A	DM-MTS-A
Device Management-Device Communication Control-A	DM-DCC-A
Device Management-Reinitialize Device-A	DM-RD-A
Device Management-Backup and Restore-A	DM-BR-A
Device Management-Restart-A	DM-R-A
Device Management-Object Creation and Deletion-A	DM-OCD-A
Device Management-List Manipulation-A	DM-LM-A
Device Management-List Manipulation-B	DM-LM-B

Segmentation Capability:

<input checked="" type="checkbox"/> Able to transmit segmented messages	Window Size: 256
<input checked="" type="checkbox"/> Able to receive segmented messages	Window Size: 256

Standard Object Types Supported:

The following object types are supported and present in the device. Each standard Object Type is supported with following data:

Object-Type	Dynamically Creatable Deleteable	Properties Supported (o) optional Properties Supported	Writable Properties
Device	<input type="checkbox"/>	object-identifier object-name object-type system-status vendor-name vendor-identifier model-name firmware-revision application-software-version description (o) protocol-version protocol-revision protocol-services-supported protocol-object-types-supported object-list max-apdu-length-accepted segmentation-supported max-segments-accepted (o) local-time (o) local-date (o) utc-offset (o) daylight-savings-status (o) apdu-segment-timeout (o) apdu-timeout number-of-apdu-retries time-synchronization-recipients (o) device-address-binding (o) database-revision (o) last-restart-reason (o) time-of-device-restart (o) restart-notification-recipients (o) utc-time-synchronization-recipients (o) time-synchronization-interval (o) align-intervals (o) interval-offset (o) property-list	description utc-time-synchronization- recipients time-synchronization- recipients time-synchronization-interval align-intervals interval-offset restart-notification-recipients

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ATA 878.1, EIA-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):
- 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 No

Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
 - Does the BBMD support registrations by Foreign Devices? Yes No
 - Does the BBMD support network address translation? Yes No

Character Sets Supported:

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

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

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

Not a gateway

Network Security Options:

- Non-secure Device - is capable of operating without BACnet Network Security
- Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
 - Multiple Application-Specific Keys
 - Supports encryption (NS-ED BIBB)
 - Key Server (NS-KS BIBB)