BACnet Protocol Implementation Conformance Statement

Date: September 19, 2016
Vendor Name: DEOS AG (Vendor ID: 142)
Product Name: OPENweb
Product Model Number: OPENweb 5.0
Applications Software Version: ab OPENweb 5.0
Firmware Revision:
BACnet Protocol Revision: 1.4

Product Description:

The OPENweb BACnet Workstation is a factory master control system to handle BACnet devices. It uses the ISO 16485-5 BACnet protocol to communicate with them.

BACnet Standardized Device Profile (Annex L):

☒ BACnet Operator Workstation (B-OWS)
☐ 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)

Data Sharing

Data Sharing-ReadProperty-A	DS-RP-A
Data Sharing-ReadProperty-B	DS-RP-B
Data Sharing-ReadPropertyMultiple-A	DS-RPM-A
Data Sharing-ReadPropertyMultiple-B	DS-RPM-B
Data Sharing-WriteProperty-A	DS-WP-A
Data Sharing-WritePropertyMultiple-A	DS-WPM-A
Data Sharing-COV-A	DS-COV-A
Data Sharing-COV-Unsolicited-A	DS-COVU-A

Alarm / Event

Alarm and Event-Notification-A	AE-N-A
Alarm and Event-ACK-A	AE-ACK-A
Alarm and Event-Information-A	AE-INFO-A
Alarm and Event-Alarm Summary-A	AE-ASUM-A

Scheduling

Scheduling-A	SCHED-A

Trending

Trending-Viewing and Modifying Trends-A	T-VMT-A
Trending-Automated Trend Retrieval-A	T-ATR-A

Device and Network 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-TimeSynchronization-B	DM-TS-B
Device Management-TimeSynchronization-A	DM-TS-A
Device Management-UTCTimeSynchronization-B	DM-UTC-B
Device Management-UTCTimeSynchronization-A	DM-UTC-A
Device Management-List Manipulation-A	DM-LM-A

Segmentation Capability:

☒ Segmented requests   supported Window Size: 5
☒ Segmented responses   supported Window Size: 5

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	Optional Properties Supported	Writable Properties
Analog Input	☐	all	all
Analog Output	☐	all	all
Analog Value	☐	all	all

Object_Type	Dynamically Creatable Deleteable	Optional Properties Supported	Writable Properties
Binary Input	☐	all	all
Binary Output	☐	all	all
Binary Value	☐	all	all
Calendar	☐	all	all
Device	☐	all	all
Event Enrollment	☐	all	all
File	☐	all	all

Object_Type	Dynamically Creatable Deleteable	Optional Properties Supported	Writable Properties
Multi-state Input	☐	all	all
Multi-state Output	☐	all	all
Multi-state Value	☐	all	all
Notification Class	☐	all	all
Schedule	☐	all	all
Trendlog	☐	all	all

Proprietary Objects and Properties are supported if they based on primitive datatypes.

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):
☐ 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(9600,19200,38400,57600,115200):
☐ 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 - 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

Character Sets Supported:

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

☒ ANSI X3.4   ☐ IBM/Microsoft ☐DBCS   ☒ ISO 8859-1
☐ ISO 10646 (UCS-2)   ☐ ISO 10646 (UCS-4)   ☐ JIS C 6226

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