BACnet Protocol Implementation Conformance Statement

Date: September 19, 2016
Vendor Name: DEOS AG (Vendor ID: 142)
Product Name: OPEN SRU single room control
Product Model Number: DS-OPEN SRU
Applications Software Version: n.a.
Firmware Revision: SRU_FUP_Lib0006a
BACnet Protocol Revision: 1.4

Product Description:

The operational areas of the OPEN SRU single room controller are various. In particular the OPEN SRU can be used for Fan-Coil- and room air cascade regulations, heating and cooling cascades as well as for simple heating element regulations. Thus the single room controllers are suitable for all kinds of HVAC regulations. Furthermore they can be used for light and shutter controls.

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-B   DS-RP-B
Data Sharing-ReadPropertyMultiple-B   DS-RPM-B
Data Sharing-WriteProperty-B   DS-WP-B
Data Sharing-COV-Unsolicited-B   DS-COVU-B

Scheduling

Scheduling-Internal-B   SCHED-I-B

Device and Network Management

Device Management-Dynamic Device Binding-B   DM-DDB-B
Device Management-Dynamic Object Binding-B   DM-DOB-B
Device Management-DeviceCommunicationControl-B   DM-DCC-B
Device Management-TimeSynchronisation-B   DM-TS-B

Segmentation Capability:

☐ Segmented requests   supported Window Size:
☐ Segmented responses   supported Window Size:

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	☐	Description Min_Pres_Value Max_Pres_Value COV_Increment	Object_Name Description COV_Increment Out_Of_Service
Analog Output	☐	Description Min_Pres_Value Max_Pres_Value COV_Increment	Object_Name Description COV_Increment Present Value Relinquish_Default
Analog Value	☐	Description COV_Increment	Object_Name Description COV_Increment Present Value
Binary Input	☐	Description Inactive_Text Active_Text	Object_Name Description Out_Of_Service
Binary Output	☐	Description Inactive_Text Active_Text	Object_Name Description Present Value Relinquish_Default
Binary Value	☐	Description Inactive_Text Active_Text	Object_Name Description Present Value
Calendar	☐	Description	Object_Name Description Date_List
Device	☐	Location Description Local_Date Local_Time	Object_Name Location Description Max_Master
Multistate Input	☐	Description State_Text	Object_Name Description Out_Of_Service
Multistate Output	☐	Description State_Text	Object_Name Description Present_Value Relinquish_Default
Multistate Value	☐	Description State_Text	Object_Name Description Present_Value

Schedule	☐	Description Weekly_Schedule Esception_Schedule	Object_Name Description Weekly_Schedule Exception_Schedule Schedule_Default

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, 57600, 76800, 115200
☐ 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 - 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: