BACnet Protocol Implementation Conformance Statement

Date: September 19, 2016
Vendor Name: DEOS AG (Vendor ID: 142)
Product Name: CORA BACnet
Product Model Number: DS-CORA-B
Applications Software Version: 1.040
Firmware Revision: 1.040
BACnet Protocol Revision: 1.4

Product Description:

CORA is a compact, BACnet MS/TP room control unit with extensive functions. It has been designed specifically for simple control e.g. of fans with up to 5 operating modes. Other functional features like control keys with LED, e.g. for heating times, and integrated room temperature sensor makes CORA as an universal control unit for automated room climate management.

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

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

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 Device_Type Reliability Update_Interval Min_Pres_Value Max_Pres_Value Resolution COV_Increment	Object_Name Description
Analog Value	☐	Description Reliability COV_Increment	Object_Name Description Present Value
Binary Input	☐	Description Device_Type Reliability Inactive_Text	Object_Name Description Inactive_Text Active_Text
Binary Output	☐	Description Device_Type Reliability Inactive_Text Active_Text	Object_Name Description Inactive_Text Active_Text
Device	☐	Location Description	Object_Name Location Description Max_Master
Multistate Value	☐	Description Reliability State_Text	Object_Name Description Present_Value Number_Of_States

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: