BACnet Protocol Implementation Conformance Statement
WebCTRL for OEM

Date: **7/13/2018**
Vendor Name: **OEMCtrl**
Product Name: **WebCTRL for OEM**
Product Model Number: **WC-OEM, WC-OEM1, WC-OEM10**
Applications Software Version: **7.0**    Firmware Revision: **N/A**
BACnet Protocol Revision: **12**

**Product Description:**
WebCTRL® for OEMs is an advanced web-server application that offers an intuitive user interface and powerful control features. Your equipment can be accessed from anywhere in the world using Internet Explorer, Firefox, Chrome or Safari, eliminating the need for special software on the workstation. You can access your OEM equipment and manage functions including:
- setting and changing schedules
- adjusting setpoints and other control properties
- graphically trending important building conditions
- viewing and acknowledging alarms
- running preconfigured and custom reports on energy usage, occupant overrides, and much more.

**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)**

**List all BACnet Interoperability Building Blocks Supported (Annex K):**

| | | | | |
|---|---|---|---|---|
| DS-RP-A | AE-N-A | SCHED-A* | T-VMT-A* | DM-DDB-A |
| DS-RP-B | AE-ACK-A | SCHED-VM-A | T-V-A | DM-DDB-B |
| DS-RPM-A | AE-ASUM-A* | SCHED-AVM-A | T-AVM-A | DM-DOB-B |
| DS-WP-A | AE-ESUM-A* | SCHED-WS-A | T-ATR-A | DM-DCC-A |
| DS-WP-B | AE-INFO-A* | | T-VMMV-A* | DM-TS-A |
| DS-WPM-A | AE-ELV-A | | | DM-UTC-A |
| DS-V-A | AE-ELVM-A | | | DM-RD-A |
| DS-AV-A | AE-VN-A | | | DM-BR-A |
| DS-M-A | AE-AVN-A | | | DM-OCD-A |
| DS-AM-A | AE-VM-A | | | DM-ANM-A |
| | AE-AVM-A | | NM-CE-A | DM-ADM-A |
| | AE-AS-A | | | DM-MTS-A |

\* These BIBBs are deprecated by the BACnet standard and are included solely for historical purposes.

**Segmentation Capability:**

☒ Able to transmit segmented messages      Window Size _____20_____
☒ Able to receive segmented messages      Window Size _____20_____

**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, 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.

☒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:** _____

**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)

**Standard Object Types Supported :**

An object type is supported if it may be present in the device. For each standard Object Type supported provide the following data:

    1) Whether objects of this type are dynamically creatable using the CreateObject service

    2) Whether objects of this type are dynamically deletable using the DeleteObject service

    3) List of the optional properties supported

    4) List of all properties that are writable where not otherwise required by this standard

    5) List of all properties that are conditionally writable where not otherwise required by this standard.

    6) List of proprietary properties and for each its property identifier, datatype, and meaning

    7) List of any property range restrictions

**Device:**

1. Creatable?  NO
2. Deletable?  NO
3. Optional properties supported:

    description

    local-time

    local-date

    apdu-segment-timeout

    max-segments-accepted
4. Writeable properties:

    description
5. Conditionally writeable properties where not otherwise required by the standard: None
6. Proprietary properties:  None
7. Range restrictions: None