# BACnet Protocol Implementation Conformance Statement (Annex A)

**Date:** March 22, 2016
**Vendor Name:** ADFweb.com S.r.l.
**Product Name:** BACnet master / PROFIBUS slave - Converter
**Product Model Number:** HD67716-IP-A1, HD67716-MSTP-A1, HD67716-PTP-A1
**Application Software Version:** 1.0   **Firmware Revision:** 1.0   **BACnet Protocol Revision:** 12

**Product Description:**
Converter between BACnet and PROFIBUS.

**BACnet Standardized Device Profile (Annex L):**

☐ BACnet Operator Workstation (B-OWS)          ☐ BACnet Advanced Application Controller (B-AAC)

☐ BACnet Advanced Operator Workstation (B-AWS)     ☒ BACnet Application Specific Controller (B-ASC)

☐ BACnet Operator Display (B-OD)               ☐ BACnet Smart Sensor (B-SS)

☐ BACnet Building Controller (B-BC)            ☐ BACnet Smart Actuator (B-SA)

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

DS-RP-A    Data Sharing – ReadProperty – A
DS-WP-A    Data Sharing – WriteProperty –A

**Segmentation Capability:**

☐ Able to transmit segmented messages     Window Size _____
☐ Able to receive segmented messages      Window Size _____

**Standard Object Types Supported:**

| Object Type Supported | Can be created dynamically | Can be deleted dynamically |
|---|---|---|
| Device | No | No |

No optional properties are supported. No proprietary properties are present.

Device Properties

| | | |
|---|---|---|
| Object_Identifier | Model_Name | Protocol_Object_Types_Supported |
| Object_Name | Firmware_Revision | Object_List |
| Object_Type | Application_Software_Revision | Max_APDU_Length_Accepted |
| System_Status | Protocol_Version | Segmentation_Supported |
| Vendor_Name | Protocol_Revision | |
| Vendor_Identifier | Protocol_Services_Supported | |

**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): 9600, 19200, 38400, 57600, 76800, 115200
☐ MS/TP slave (Clause 9), baud rate(s):
☒ Point-To-Point, EIA 232 (Clause 10), baud rate(s): 9600, 115200
☐ 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:**

PROFIBUS network

**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)