

ALERTON ABS

BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

Date: 03/15/2016

Vendor Name: Alerton

Product Name: Alerton Building Suite

Product Model Number: ABS 3.0

Applications Software Version: 3.0 **Firmware Revision:** Windows **BACnet Protocol Revision:** 4

Product Description:

The Alerton Building Suite is a powerful, easy-to-use, graphical workstation software program that allows users to view, monitor, and control all levels of a building management system.

BACnet Standardized Device Profile (Annex L):

- BACnet Advanced Workstation (B-AWS)
- BACnet Operator Workstation (B-OWS)
- 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 (see Annex K):

DS-RP-A,B	AE-N-A	SCHED-VM-A	T-ATR-A	DM-DDB-A,B
DS-RPM-A,B	AE-ACK-A	SCHED-AVM-A	T-AVM-A	DM-DOB-A,B
DS-WP-A,B	AE-AS-A			DM-ANM-A
DS-WPM-A,B	AE-VN-A			DM-ADM-A
DS-V-A	AE-AVN-A			DM-DCC-A
DS-AV-A	AE-VM-A			DM-ATS-A
DS-M-A	AE-AVM-A			DM-MTS-A
DS-AM-A	AE-ASUM-A			DM-OCD-A
	AE-ESUM-A			DM-RD-A
	AE-INFO-A			
	AE-ELVM-A			DM-BR-A
				DM-PT-A
				DM-PT-B

Segmentation Capability:

- Able to transmit segmented messages Window Size 1
- Able to receive segmented messages Window Size 1

Standard Object Types Supported:

Device

Dynamically Creatable:	No	
Dynamically Deletable:	No	
Optional Properties Supported:	Location Description Local_Time Local_Date APDU_Segment_Timeout Max_Segments_Accepted Time_Synchronization_Recipients	
Writable Properties:	Object_Name Location Description APDU_Segment_Timeout APDU_Timeout Number_Of_APDU_Retries	
Proprietary Properties:	512	Datatype: Octet String
Property Range Restrictions:	APDU_Segment_Timeout APDU_Timeout Number_Of_APDU_Retries	Purpose: Diagnostics. Range: 1000..60000 Range: 1000..60000 Range: 0..16

Analog Value

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	Present_Value Description Units
Proprietary Properties:	n/a
Property Range Restrictions:	n/a

Binary Value

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description Priority_Array Relinquish_Default
Writable Properties:	Present_Value Description
Proprietary Properties:	n/a

Property Range Restrictions: n/a

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): 38.4K
- 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.

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> ANSI X3.4 | <input checked="" type="checkbox"/> IBM™/Microsoft™ DBCS | <input checked="" type="checkbox"/> ISO 8859-1 |
| <input checked="" type="checkbox"/> ISO 10646 (UCS-2) | <input checked="" type="checkbox"/> ISO 10646 (UCS-4) | <input type="checkbox"/> JIS C 6226 |

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

Not a gateway _____

