



AspectFT

Protocol Implementation Conformance Statement (PICS)

Vendor Name: American Auto-Matrix

Product Name: AspectFT

Product Model Number: ASPECT-MAT-xxx; ASPECT-NEX-xxx; ASPECT-FAC-xxx; ASPECT-ENT-xxx (-xxx indicates model option or feature)

Firmware Revision: v2.00.00 or later

BACnet Protocol Revision: 9

Product Description:

AspectFT® is a Building Automation Integration and Energy Control Solution designed to allow seamless access to building data through common and convenient web technologies available on a wide array of generally available devices. AspectFT brings building information and control into the palm of any user's hand through integration with services like Twitter®, RSS, email, Google Calendar™, Microsoft® Outlook®, and Apple® iCal®. Through compatibility with common web platforms and the BACnet protocol, you can access your building in a variety of ways from a variety of devices. In many cases AspectFT will integrate with your current computer or smart device through programs already on those devices.

BACnet Standardized Device Profile:

- BACnet Operator Workstation (B-AWS)
- 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)
- BACnet Other (B-OTHER)

BACnet Interoperability Building Blocks Supported:

DS-RP-A	DM-DDB-A	DM-TS-A	DM-RD-B
DS-RP-B	DM-DDB-B	DM-TS-B	DM-PT-A
DS-WP-A	DM-DOB-B	DM-UTC-A	DM-PT-B
DS-WP-B	DM-DCC-B	DM-UTC-B	DS-V-A
DS-RPM-B	DM-ATS-A		DS-M-A
	SCHED-VM-A		

Segmentation Capability:

Able to transmit segmented messages yes no Window Size: n/a

Able to receive segmented messages yes no Window Size: n/a



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Standard Server Side Object Types Supported:

Dynamically Creatable & Deletable Objects:

Properties:

Bold indicates writable properties

Italics indicates optional properties

Device

Object-identifier

Object-name

Object-type

System-status

Vendor-name

Vendor-id

Model-name

Firmware-revision

Application-software-revision

Protocol-version

Protocol-revision

Protocol-services-supported

Protocol-object-types-supported

Object-list

Max-apdu-length

Segmentation-supported

Local-time

Local-date

Utc-offset

Daylight-savings-status

Apdu-timeout

Number-of-apdu-retires

Max-master

Max-info-frames

Time-synchronization-recipients

Device-address-binding

Utc-time-synchronization-recipients

Time-synchronization-interval

Align-intervals

Interval-offset

Database-revision

Profile-name



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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): 9.6k, 19.2k, 38.4k, 76.8k
- 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? Yes No

(This is currently necessary for two-way communication with MS/TP slaves and certain other devices.)

Networking Options:

- Router, Clause 6 - IP, MS/TP, Ethernet
- 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 ISO 10646 (UCS-4)
- IBM™/Microsoft™ DBCS ISO 10646 (UCS-2)
- JIS C 6226 ISO 8859-1

Gateway:

This product does not support gateway functionality for any types of non-BACnet equipment/network(s).