

OJ ELECTRONICS A/S  
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CVR 10643597



## OJ-Air2 BACnet PICS

### BACnet Protocol Implementation Conformance Statement

**Date:** 04-12-09

**Vendor Name:** OJ Electronics A/S (Vendor Identifier: 368)

**Product Name:** OJ-Air2

**Product Model Number:** OJ-Air2Master

**Application Software Version:** 1.0

**Firmware Revision:** 0.5.2

**BACnet Protocol Revision:** 1.5

#### Product Description:

The BACnet driver enables BACnet control and supervision of a complete Air Handling Unit (AHU), which have an embedded OJ-Air2Master controller. The BACnet driver is embedded in OJ-Air2Masters with software version 2.0 or higher.

#### 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)

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

Data Sharing	DS-RP-B	Data Sharing-Read Property-B
Data Sharing	DS-WP-B	Data Sharing-Write Property-B
Device Management	DM-DDB-B	Device Management-Dynamic Device Binding-B
Device Management	DM-DOB-B	Device Management-Dynamic Object Binding-B
Device Management	DM-DCC-B	Device Management-Dynamic Communication Control-B

#### Segmentation Capability:

- Segmented requests supported Window Size \_\_\_\_\_
- Segmented responses supported Window Size \_\_\_\_\_

#### Standard Object Types Supported:

- 1) The CreateObject service is not supported
- 2) The DeleteObject service is not supported
- 3) Writeable properties are listed in **bold**
- 4) In general, no property range restrictions exist, some specific applications may have specific restrictions.

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Object type	Properties
Analog Input	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Units Min_Pres_Value Max_Pres_Value Resolution Reliability <b>COV_Increment</b>
Analog Value	Object_Identifier Object_Name Object_Type <b>Present_Value</b> Status_Flags Event_State Out_Of_Service Units Priority_Array Relinquish_Default <b>COV_Increment</b>
Binary Input	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Polarity Reliability
Binary Value	Object_Identifier Object_Name Object_Type <b>Present_Value</b> Status_Flags Event_State Out_Of_Service Priority_Array Relinquish_Default
Device	Object_Identifier Object_Name Object_Type System_Status Vendor_Name Vendor_Identifier Model_Name Firmware_Revision Application_Software_Version Location Description Protocol_Version Protocol_Revision Protocol_Services_Supported Protocol_Object_Types_Supported Object_List Max_APDU_Length_Accepted Segmentation_Supported APDU_Timeout Number_Of_APDU_Retries Device_Address_Binding Database_Revision

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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): \_\_\_\_\_
- 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:**

Not applicable