

BACnet Protocol Implementation Conformance Statement

Date: March 17, 2004
Vendor Name: Carel SpA
Product Name: BACnet pCOWeb
Product Model Number: CBG
Applications Software Version: 0.02
Firmware Revision: 1.00
BACnet Protocol Revision: 2
Product Description: Provides BACnet 8802.3 Ethernet, BACnet/IP and MS/TP connectivity to Carel pCO² series controllers

BACnet Standardized Device Profile (Annex L):
BACnet Application Specific Controller (B-ASC)

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

DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DM-DDB-A, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-TS-B, DM-UTC-B, AE-N-I-B, AE-ACK-B, AE-INFO-B

Segmentation Capability:
Segmentation not supported

Standard Object Types Supported:
No dynamic Creation or Deletion supported
No proprietary object types or properties supported

Device Object:

Optional Properties Supported:

Daylight_Savings_Time
Description
Location
Local_Date
Local_Time
Max_Info_Frames
Max_Master
Profile_Name
UTC_Offset

Standard Properties Used In a Non-standard Way:

Process_Identifier
Recipient

Writable Properties:

- APDU_Timeout
- Daylight_Savings_Time
- Description
- Location
- Max_Info_Frames
- Max_Master
- Number_Of_APDU_Retries
- Object_Identifier
- Process_Identifier
- Recipient
- UTC_Offset

Property Range Restrictions:

Description, Location (limited to 64 characters)

Analog Value Objects:

Optional Properties Supported:

- Acked_Transitions
- Deadband
- Description
- Event_Enable
- Event_Time_Stamps
- High_Limit
- Limit_Enable
- Low_Limit
- Notify_Type
- Reliability
- Time_Delay

Standard Properties Used In a Non-standard Way:

- Ack_Required
- Issue_Confirmed_Notifications
- Priority

Writable Properties:

- Ack_Required
- Deadband
- Description
- Event_Enable
- High_Limit
- Issue_Confirmed_Notifications
- Limit_Enable
- Low_Limit
- Object_Name
- Present_Value
- Priority
- Units

Property Range Restrictions:

Description (limited to 64 characters)
Object_Name (limited to 32 characters)

Binary Value Objects:

Optional Properties Supported:

Acked_Transitions
Active_Text
Alarm_Value
Description
Event_Enable
Event_Time_Stamps
Inactive_Text
Notify_Type
Reliability
Time_Delay

Standard Properties Used In a Non-standard Way:

Ack_Required
Issue_Confirmed_Notifications
Priority

Writable Properties:

Ack_Required
Active_Text
Alarm_Value
Description
Event_Enable
Inactive_Text
Issue_Confirmed_Notifications
Object_Name
Present_Value
Priority

Property Range Restrictions:

Description (limited to 64 characters)
Object_Name, Active_Text, Inactive_Text (limited to 32 characters)

Data Link Layer Options:

8802.3 Ethernet (clause 7), BACnet/IP (Annex J), MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400

Device Address Binding:

Static device binding is not supported. (No client functionality is included).

Networking Options:

None

Character Sets Supported:

ANSI X3.4