

## 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 pCO<sup>2</sup> 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