

BAScontrol20C BACnet/IP Sedona Field Controller



BACnet Protocol Implementation Conformance Statement (Annex A)

Date: June 21, 2019
Vendor Name: Contemporary Controls
Product Name: BAScontrol20C
Product Model Number: BASC-20CR
Applications Software Version: 1.2.28 **Firmware Revision:** 3.2.8 **BACnet Protocol Revision:** 3
Product Description: BACnet/IP compliant 20-point field controller or remote I/O that allows a direct connection to Ethernet without the need of a BACnet router.

BACnet Standardized Device Profile (Annex L):

- | | |
|---|--|
| <input type="checkbox"/> BACnet Operator Workstation (B-OWS) | <input checked="" type="checkbox"/> BACnet Application Specific Controller (B-ASC) |
| <input type="checkbox"/> BACnet Building Controller (B-BC) | <input type="checkbox"/> BACnet Smart Sensor (B-SS) |
| <input type="checkbox"/> BACnet Advanced Application Controller (B-AAC) | <input type="checkbox"/> BACnet Smart Actuator (B-SA) |

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

- | | |
|--|---|
| DS-RP-B Data Sharing — ReadProperty – A,B | DM-DDB-B Device Management — Dynamic Device Binding – B |
| DS-WP-B Data Sharing — WriteProperty – A,B | DM-DOB-B Device Management — Dynamic Object Binding – B |
| DS-RPM-B Data Sharing — ReadPropertyMultiple – B | DM-DCC-B Device Management — Device Communication Control – B |
| DS-COV-B Data Sharing — ChangeOfValue – B | DM-TS-B Device Management — Time Synchronization – B |

Segmentation Capability:

- | | |
|--|--------------|
| <input type="checkbox"/> Able to transmit segmented messages | Window Size: |
| <input type="checkbox"/> Able to receive segmented messages | Window Size: |

Standard Object Types Supported:

Object Type Supported	Can Be Created Dynamically	Can Be Deleted Dynamically
Analog Input	No	No
Analog Output	No	No
Analog Value	No	No
Binary Input	No	No
Binary Output	No	No
Binary Value	No	No
Device	No	No

No optional properties are supported.

Data Link Layer Options:

- | | |
|---|---|
| <input checked="" type="checkbox"/> BACnet IP, (Annex J) | <input type="checkbox"/> MS/TP slave (Clause 9), baud rate(s): |
| <input checked="" type="checkbox"/> BACnet IP, (Annex J), Foreign Device | <input type="checkbox"/> Point-To-Point, EIA 232 (Clause 10), baud rate(s): |
| <input type="checkbox"/> ISO 8802-3, Ethernet (Clause 7) | <input type="checkbox"/> Point-To-Point, modem, (Clause 10), baud rate(s): |
| <input type="checkbox"/> ANSI/ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s): | <input type="checkbox"/> LonTalk, (Clause 11), medium: |
| <input type="checkbox"/> MS/TP master (Clause 9), baud rate(s): | <input type="checkbox"/> 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-MS/TP, etc.
- Annex H, BACnet Tunnelling 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 type="checkbox"/> IBM™/Microsoft™ DBCS | <input type="checkbox"/> ISO 8859-1 |
| <input type="checkbox"/> ISO 10646 (UCS-2) | <input 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/network(s) that the gateway supports:

No gateway support.