

ProtoCessor Driver - (PICS) BACnet Protocol Implementation Conformance Statement

Date: November 2010
VendorName: FieldServer Technologies
Product Name: FieldServerProtoCessor FPC-FD2

Product Model Number: ProtoCessor FPC-FD2

Product Description: The OE368-23B-BACNET2, PT-Link II BACnet® gateway, provides bi-directional communication between your BACnet® MS/TP network and up to four of any of the following types of Orion Controllers — VCM-X, SA, VCM, MUA II, or VAV/CAV.

Protocol Conversions: BACnet® MS/TP to Wattmaster HSI Open Protocol Token Passing.

BACnetStandardized Device Profile (Annex L)

- ✓ BACnet Application Specific Controller (B-ASC)

BACnet Interoperability Building Blocks Supported (Annex K):

- ✓ K.1.2 BIBB - Data Sharing - ReadProperty-B (DS-RP-B)
- ✓ K.1.4 BIBB - Data Sharing - ReadPropertyMultiple-B (DS-RPM-B)
- ✓ K.1.8 BIBB - Data Sharing - WriteProperty-B (DS-WP-B)
- ✓ K.1.10 BIBB - Data Sharing - WritePropertyMultiple-B (DS-WPM-B)
- ✓ K.1.12 BIBB - Data Sharing - COV-B (DS-COV-B)
- ✓ K.2.2 BIBB - Alarm and Event-Notification Internal-B (AE-N-I-B)
- ✓ K.2.5 BIBB - Alarm and Event-ACK-B (AE-ACK-B)
- ✓ K.2.11 BIBB - Alarm and Event-Information-B (AE-INFO-B)
- ✓ K.5.1 BIBB - Device Management - Dynamic Device Binding-A (DM-DDB-A)
- ✓ K.5.2 BIBB - Device Management - Dynamic Device Binding-B (DM-DDB-B)
- ✓ K.5.4 BIBB - Device Management - Dynamic Object Binding-B (DM-DOB-B)
- ✓ K.5.6 BIBB - Device Management - Device Communication Control-B (DM-DCC-B)
- ✓ K.5.12 BIBB - Device Management - Time Synchronization-B (DM-TS-B)
- ✓ K.5.22 BIBB - Device Management – List Manipulation-B (DM-LM-B)

Segmentation Capability: None

Standard Object Types Supported

- ✓ Device Object
- ✓ Analog Input
- ✓ Analog Output
- ✓ Analog Value
- ✓ Binary Input
- ✓ Binary Output
- ✓ Binary Value
- ✓ Multi State Input
- ✓ Multi State Output
- ✓ Multi State Value
- ✓ Notification Class Object

For all of these properties, the following applies:

- 1.) Does not support BACnetCreateObject
- 2.) Does not support BACnetDeleteObject
- 3.) No proprietary properties exist

Data Link Layer Options:

- ✓ MS/TP master (Clause 9), baud rate up to 76.8 Kbps
- ✓ MS/TP slave (Clause 9), baud rate up to 76.8 Kbps

Device Address Binding: Not supported

Networking Options:

- ✓ BACnet/IP Broadcast Management Device (BBMD)
- ✓ Registrations by Foreign Devices

Character Sets Supported:

- ✓ ANSI X3.4

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

- ✓ Wattmaster HSI Open Protocol Token Passing