



Protocol Implementation Conformance Statement (PICS)

Date: 11/07/2007
Vendor Name: RLE Technologies
Product Name: F3400, F1000
Product Model Number: F3400, F1000
Firmware Revision: 2.0
BACnet Protocol Version: 1
BACnet Protocol Revision: 3

Product Description:
The F3400/F1000 incorporates multi-protocol monitoring and alarm notification of discrete inputs and RLE leak detection equipment via modbus.

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)

BACnet Interoperability Building Blocks Supported (Annex K):

Data Sharing-ReadProperty-B (DS-RP-B)
Device Management-Dynamic Device Binding-B (DM-DDB-B)

Segmentation Capability:

- Segmented requests supported Window Size _____
- Segmented responses supported Window Size _____

Standard Object Types Supported:

Dynamically Created Objects: None
Dynamically Deletable Objects: None

Analog Input

Present_Value	Object_Identifier	Object_Name
Object_Type	Out_Of_Service	Units
Event_State	Status_Flags	Time_Delay

Binary Input

Present_Value	Object_Identifier	Object_Name
Object_Type	Out_Of_Service	Units
Event_State	Status_Flags	Time_Delay

Device

Object_Identifier	Object_Name	Object_Type
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System_Sstatus	Vendor_Name	Vendor_Id
Model_Name	Firmware_Revision	App_Software_Revision
Location	Description	Protocol_Version
Conformance_Class	Services_Supported	Object_Types_Supported
Object_List	Max_APDU	Segment_Supported
Segment_Timeout	APDU_Timeout	APDU_Retries
Bindings		

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:

Modbus - RLE Leak Detection products LD5100, LD5000, LD2000, LDZRA6