BACnet Testing Laboratories
Product Listing

This product has been tested at a qualified BACnet Testing Laboratory and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BI website.

Listing Information

Vendor		Listing Status
Siemens Building Technologies 1000 Deerfield Pkwy Buffalo Grove, IL 60089 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2011	Revision 7 (135-2008)	June 2012

Product Name	Model Number	Software Version
PXC Modular for BACnet IP and MS/TP Networks	PXC00-E96.A PXC100-E96.A	3.4 BACnet 4.3g
PXC Compact for BACnet IP and MS/TP Networks	PXC16.2-EF.A PXC24.2-EF.A PXC16.2-EF32.A PXC24.2-EF32.A PXC36-E.A PXC36-EF.A	3.4 BACnet 4.3g

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	All Devices

BIBBs Supported

Data Sharing	ReadProperty-A	DS-RP-A
	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-A	DS-WP-A
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	COV-A	DS-COV-A
	COV-B	DS-COV-B

Alarm and Event Notification	Alarm and Event-Notification Internal-B	AE-N-I-B
	Alarm and Event-Notification External-B	AE-N-E-B
	Alarm and Event-ACK-A	AE-ACK-A
	Alarm and Event-ACK-B	AE-ACK-B
	Alarm and Event-Enrollment Summary-B	AE-ESUM-B
	Alarm and Event-Information B	AE-INFO-B

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-B

Trending	Viewing and Modifying - Internal-B	T-VMT-I-B
	Viewing and Modifying - External-B	T-VMT-E-B
	Automated Trend Retrieval-B	T-ATR-B

Device and Network Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-A	DM-DOB-A
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	List Manipulation-B	DM-LM-B
	Object Creation and Deletion-B	DM-OCD-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Command	Device
Event Enrollment	File	Multi-State Output
Multi-State Value	Notification Class	Schedule
Trend Log		

Data Link Layer Options

Media	Options
BACnet IP (Annex J)	
MS/TP master	9600, 19200, 38400, 76800, 115200

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J), MS/TP
Annex J BBMD	BACnet/IP

Character Set Support

ANSI X3.4