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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 Products. 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 (BTL-30179)

Vendor	Listing Status
Siemens Schweiz AG Gubelstrasse 22 6301 Zug Switzerland	Listed Product

Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of November 2014	Revision 12 (135-2010)	June 2017

Product Name	Model Numbers	Software Version
DESIGO PX, Automationstation	PXC36.1−E.D, PXC36.1.D, PXC22.1−E.D, PXC22.1.D	6.00.123

Device Profiles

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

BIBBs Supported

	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
Data Sharing	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	COV-A	DS-COV-A
	COV-B	DS-COV-B
	COVP-A	DS-COVP-A
	COVP-B	DS-COVP-B

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

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

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
	Viewing and Modifying Trends External-B	T-VMT-E-B
	Automated Trend Retrieval-B	T-ATR-B
	Viewing and Modifying Multiple Values Internal-B	T-VMMV-I-B
	Viewing and Modifying Multiple Values External-B	T-VMMV-E-B
	Automated Multiple Value Retrieval-B	T-AMVR-B

Device 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-A	DM-TS-A
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-A	DM-UTC-A
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	Restart-B	DM-R-B
	List Manipulation-B	DM-LM-B
	Object Creation and Deletion-B	DM-OCD-B

Network Management	Connection Establishment-A	NM-CE-A

Object Type Support

Accumulator	Analog Input	Analog Output
Analog Value	Binary Input	Binary Output
Binary Value	Calendar	Command
Device	Event Enrollment	Event Log
File	Load Control	Loop
Multi-State Input	Multi-State Output	Multi-State Value
Notification Class	Program	Pulse Converter
Schedule	Structured View	Trend Log
Trend Log Multiple		

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device

Networking Options

Networking Functionality	Media
BBMD	BACnet/IP (Annex J)

Character Set Support

ISO 10646 (UTF-8)