BACnet Testing Laboratories
Product Listing

BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.

Listing Information (BTL-31075)

Vendor	Listing Status
Siemens Theilerstrasse 1a 6300 Zug Switzerland	Listed Product

Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2023	Revision 15	August 2023

Product Name	Model Numbers	Firmware version
Desigo PXC3 and DXR2 Automation Stations	DXR2.E18-101A, DXR2.E18-102A, DXR2.E18-101B, DXR2.M18-101A, DXR2.M18-102A, DXR2.M18-101B, DXR2.M11-101A, DXR2.M11-101B DXR2.E12P-102A, DXR2.E12PX-102A, DXR2.E12P-102B, DXR2.E12PX-102B, DXR2.M12P-102A, DXR2.M12PX-102A, DXR2.M12P-102B, DXR2.M12PX-102B, DXR2.E10-101A, DXR2.M10-101A, DXR2.E09-101A, DXR2.M09-101A, DXR2.E09T-101A, DXR2.M09T-101A, DXR2.E17C, DXR2.E17CX, DXP2.E18-110BR, DXP2.M18-110BR, PXC3.E16A-100A, PXC3.E72-100A, PXC3.E72A-100A, PXC3.E75-100A, PXC3.E75A-100A, PXC3.E16A-200A, PXC3.E72A-200A, PXC3.E75A-200A	v01.21

Device Profiles

Profile	Model Numbers
BACnet Advanced Application Controller (B-AAC)	All models

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
	Change Of Value-A	DS-COV-A
	Change Of Value-B	DS-COV-B

Alarm and Event Notification	Notification-A	AE-N-A
	Notification Internal-B	AE-N-I-B
	Acknowledge-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

Scheduling	Internal-B	SCHED-I-B

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

Device Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	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 Type Support

Alert Enrollment	Analog Input	Analog Output
Analog Value	Binary Input	Binary Output
Binary Value	Calendar	Command
Device	Event Enrollment	Event Log
File	Loop	Multi-State Input
Multi-State Output	Multi-State Value	Notification Class
Positive Integer Value	Program	Schedule
Structured View	Trend Log	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet
MS/TP Master	9600, 19200, 38400, 76800, 115200
BACnet/SC	

Character Set Support

ISO 10646 (UTF-8)