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-30591)

Vendor		Listing Status
DEOS AG Birkenallee 76 48432 Rheine Germany		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2020	Revision 16	May 2020

Product Name	Model Numbers	Firmware version
OPEN 810 EMS	DS-OPEN 810/x^1 EMS + x^2 where x^1 is 0, 5, 12 or 32 x^2 is null, DALI or M-Bus	1.082.0

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
	Change Of Value-A	DS-COV-A
	Change Of Value-B	DS-COV-B
	Change Of Value Property-B	DS-COVP-B
	Change Of Value Unsubscribed-A	DS-COVU-A
	Change Of Value Unsubscribed-B	DS-COVU-B

	Notification Internal-B	AE-N-I-B
	Notification External-B	AE-N-E-B
	Acknowledge-B	AE-ACK-B
Alarm and Event Notification	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
	Configurable Recipient Lists-B	AE-CRL-B

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

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

	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-A	DM-TS-A
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-A	DM-UTC-A
	UTCTimeSynchronization-B	DM-UTC-B
Device Management	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
	Automatic Time Synchronization-A	DM-ATS-A
	Router Configuration-B	NM-RC-B
	Foreign Device Registration-A	NM-FDR-A

Object Type Support

Accumulator	Analog Input	Analog Output
Analog Value	Binary Input	Binary Output
Binary Value	Calendar	Command
Datetime Pattern Value	Device	Event Enrollment
Event Log	File	Integer Value
Large Analog Value	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 BACnet/IP, 'DIX' Ethernet
MS/TP Master	4800, 9600, 19200, 38400, 57600, 76800

Character Set Support

ISO 10646 (UTF-8)