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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-31469)

Vendor	Listing Status
OEMCtrl 1025 Cobb Place Blvd. Kennesaw, GA 30144 USA	Listed Product

Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of February 2024	Revision 19 (135-2016)	February 2025

Product Name	Model Numbers	Firmware version
OptiCore Compact Gateway	OC-GW-E2	108.06.20206

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC) BACnet Router (B-RTR) BACnet Broadcast Management Device (B-BBMD) BACnet Gateway (B-GW)	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-A	DS-WPM-A
	WritePropertyMultiple-B	DS-WPM-B
	Change Of Value-A	DS-COV-A
	Change Of Value-B	DS-COV-B
	Change Of Value Unsubscribed-B	DS-COVU-B

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

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-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-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
	Automatic Time Synchronization-A	DM-ATS-A
	Router Configuration-B	NM-RC-B
	BBMD Configuration-B	NM-BBMDC-B
	Secure Connect Hub-B	NM-SCH-B
	Embedded Objects-B	GW-EO-B

Object Type Support

Analog Value	Binary Value	Calendar
Device	File	Loop
Multi-State Value	Network Port	Notification Class
Program	Schedule	Trend Log

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD BACnet/IP, 'DIX' Ethernet
BACnet/IPv6	BBMD BACnet/IPv6, 'DIX' Ethernet
MS/TP Manager	9600, 19200, 38400, 76800, 115200
Ethernet	ISO 8802-3, 10BASET
ARCNET	ARCNET, twisted pair, EIA-485, Baud rate(s): 156000
BACnet/SC	Hub

Character Set Support

ISO 10646 (UTF-8)