BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International. BTL is a registered trademark of BACnet International.

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-31099)

Vendor		Listing Status
Delta Controls Inc. 17850 56th Ave Surrey, BC Canada V3S 1C7		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2020	Revision 18	September 2022

Product Name	Model Numbers	Firmware version
V4 Product Platform	eBMGR-2, eBCON-2, O3-DIN-CPU, O3-DIN-SRC, Red5-PLUS-ROOM, Red5-EDGE-ROOM, Red5-PLUS-1180, Red5-PLUS-1146, Red5-PLUS-634, Red5-PLUS-606, Red5-EDGE-1180, Red5-EDGE-1146, Red5-EDGE-634, Red5-EDGE-606, Red5-FIELD-1180, Red5-FIELD-1146, Red5-FIELD-634, Red5-FIELD-606, DCRed5-PLUS-1180, DCRed5-PLUS-1146, DCRed5-PLUS-634, DCRed5-PLUS-606, DCRed5-EDGE-1180, DCRed5-EDGE-1146, DCRed5-EDGE-634,	4.14

	DCRed5-EDGE-606, DCRed5-FIELD-1180, DCRed5-FIELD-1146, DCRed5-FIELD-634, DCRed5-FIELD-606	

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC) 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-B	DS-WPM-B
	Change Of Value-A	DS-COV-A
	Change Of Value-B	DS-COV-B
	Change Of Value Property-A	DS-COVP-A
	Change Of Value Property-B	DS-COVP-B
	Change Of Value Unsubscribed-B	DS-COVU-B

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

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
	Text Message-A	DM-TM-A
	Text Message-B	DM-TM-B
	TimeSynchronization-A	DM-TS-A
	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
	Automatic Time Synchronization-A	DM-ATS-A
	Router Configuration-B	NM-RC-B
	BBMD Configuration-B	NM-BBMDC-B
	Foreign Device Registration-A	NM-FDR-A
	Embedded Objects-B	GW-EO-B

Object Type Support

Access Credential	Access Door	Access Point
Access Rights	Access User	Access Zone
Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Bitstring Value	Calendar	Characterstring Value
Credential Data Input	Device	Event Enrollment
File	Large Analog Value	Life Safety Point
Lighting Output	Loop	Multi-State Input
Multi-State Output	Multi-State Value	Network Port
Notification Class	Program	Schedule
Structured View	Trend Log	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD Register as Foreign Device BACnet/IP, 'DIX' Ethernet
MS/TP Master	9600, 19200, 38400, 76800
Ethernet	ISO 8802-3, 10BASET
BACnet/SC	

Character Set Support

ISO 10646 (UTF-8)