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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 Product. For information on additional functionality that was not covered in the test process, refer to the manufacturer's PICS statement on the BACnet International website.

Listing Information (BTL-25090)

Vendor		Listing Status
Cylon Auto-Matrix 1 Sundial Avenue, Suite 219N Manchester, NH 03103 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of July 2009	Revision 9	April 2012

Product Name	Model Number(s)	Software Version
MATRIX-BBC	MATRIX-BBC	1.1.56

Device Profiles

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

BIBBs Supported

	ReadProperty-A	DS-RP-A
	ReadProperty-B	DS-RP-B
	WriteProperty-A	DS-WP-A
	WriteProperty-B	DS-WP-B
Data Sharing	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WritePropertyMultiple-B	DS-WPM-B
	COV-A	DS-COV-A
	COV-B	DS-COV-B

Alarm and Event Management	Alarm and Event-Notification Internal-B	AE-N-I-B
	Alarm and Event-ACK-B	AE-ACK-B
	Alarm and Event-Alarm Summary-B	AE-ASUM-B
	Alarm and Event-Enrollment Summary-B	AE-ESUM-B
	Alarm and Event-Information-B	AE-INFO-B

Scheduling	Scheduling Internal-B	SCHED-I-B
	Scheduling 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 and Network 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–A	DM-TS-A
	TimeSynchronization–B	DM-TS-B
	UTC TimeSynchronization–A	DM-UTC-A
	UTC TimeSynchronization–B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	Object Creation and Deletion-B	DM-OCD-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	File
Notification Class	Program	Schedule
	Trend Log	

Data Link Layer Options

Media	Options
MS/TP master	9600, 19200, 38400, 76800
BACnet/IP (Annex J)	BBMD
Ethernet	

Character Set Support

ANSI X3.4

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J), MS/TP, Ethernet