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BACnet Testing Labs Product Listing

This product has been tested at the BACnet Testing Labs 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 BMA website.

Listing Information

Vendor		Listing Status
Reliable Controls Corporation 120 Hallowell Road Victoria, British Columbia Canada, V9A 7K2 Toll Free: 877-475-9301 Fax: (250) 475-2096 http://www.reliablecontrols.com/		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of May 2005	135-2004	August 2005

Product Name	Model Number	Firmware Version
MACH-Global Building Controller	MG	6.51
ETHER-Link	EL	6.51

Product Name	Link to PICS on BMA Website
MACH-Global Building Controller	http://bacnetassociation.org/btl/Listings/ReliableControls/ReliableAll.htm
ETHER-Link	http://bacnetassociation.org/btl/Listings/ReliableControls/ReliableAll.htm

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	MG, EL

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

Alarm and Event Notification	Notification Internal-B	AE-N-I-B
	ACK-B	AE-ACK-B
	Alarm Summary-B	AE-ASUM-B
	Enrollment Summary-B	AE-ESUM-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 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-B	DM-TS-B
	ReinitializeDevice-B	DM-RD-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Multi-State Output	Calendar	Schedule
Notification Class	Device	Trend Log

Data Link Layer Options

Media	Options
BACnet IP (Annex J)	Able to register as a Foreign Device. Supports connection directly to a BACnet/IP subnet.
Ethernet, ISO 8802-3	
MS/TP master	9600, 19200, 38400, 76800

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J), Ethernet, MS/TP
Annex J BBMD	Supports registration by Foreign Devices.

Character Set Support

ANSI X3.4
