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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 BI website.

Listing Information

Vendor		Listing Status
Reliable Controls Corporation 120 Hallowell Road Victoria, BC, V9A 7K2 Canada		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of March 2008	Revision 4 (135-2004)	October 2008

Product Name	Model Number	Software Version
MACH-ProCom	MPC	7.11
MACH-ProSys	MPS, MPS-H	7.11

Device Profiles

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

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-A	AE-N-A
	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	SCH-I-B
	External-B	SCH-E-B

Trending	View and Modify - Internal-B	T-VM-I-B
	View and Modify - External-B	T-VM-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
	UTCTimeSynchronization-A	DM-UTC-A
	UTCTimeSynchronization-B	DM-UTC-B
	Automatic Time Synchronization-A ¹	DM-ATS-A
	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
Multi-State Output	Multi-State Value	Notification Class
Loop	Program	Schedule
Trend Log		

Data Link Layer Options

Media	Options
BACnet IP (Annex J)	
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	BACnet/IP

Character Set Support

ANSI X3.4
