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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
TAC One High Street North Andover, Massachusetts 01845 www.tac.com		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2006	135-2004	January 2006

Product Name	Model Number	Software Version
bCX1 Controller/Router	bCX1-CR	Firmware 4.400022

Product Name	Link to PICS on BMA Website
bCX1 Controller/Router	http://bacnetassociation.org/BMAProductCatalog/TourAndoverControls/index.htm

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	bCX1-CR

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
	COV-A	DS-COV-A
COV-B	DS-COV-B	

Alarm and Event Notification	Notification Internal-B	AE-N-I-B
	ACK-B	AE-ACK-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-A	DM-DOB-A
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Multi-State Input	Multi-State Output	Multi-State Value
Calendar	Command	Device
Event Enrollment	Notification Class	Program
Loop	Trend Log	Schedule

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
