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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 Products. 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-30566)

Vendor		Listing Status
Trend Control Systems Ltd St Mark's Court North Street Horsham, RH12 1BW United Kingdom		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2020	Revision 14 (135-2012)	March 2020

Product Name	Model Numbers	Firmware version
IQX12	IQX12-00100-0024A, IQX12-00050-0024A, IQX12P00050-0024A	4.7.110.32.17

Device Profiles

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

Alarm and Event Notification	Notification-A	AE-N-A
	Notification Internal-B	AE-N-I-B
	Notification External-B	AE-N-E-B
	Acknowledge-A	AE-ACK-A
	Acknowledge-B	AE-ACK-B
	Alarm Summary-B	AE-ASUM-B
	Enrollment Summary-B	AE-ESUM-B
	Information-A	AE-INFO-A
	Information-B	AE-INFO-B
	View Notifications-A	AE-VN-A
	View and Modify-A	AE-VM-A
	Alarm Summary View-A	AE-AS-A

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-B
	View and Modify-A	SCHED-VM-A

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
	Viewing and Modifying Trends External-B	T-VMT-E-B
	Automated Trend Retrieval-A	T-ATR-A
	Automated Trend Retrieval-B	T-ATR-B
	Automated Multiple Value Retrieval-A	T-AMVR-A
	View-A	T-V-A

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
	TimeSynchronization-A	DM-TS-A
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-A	DM-UTC-A
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	List Manipulation-A	DM-LM-A
	List Manipulation-B	DM-LM-B
	Object Creation and Deletion-B	DM-OCDB
	Automatic Network Mapping-A	DM-ANM-A
	Automatic Device Mapping-A	DM-ADM-A
	Automatic Time Synchronization-A	DM-ATS-A
	Manual Time Synchronization-A	DM-MTS-A
	Router Configuration-B	NM-RC-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Characterstring Value	Device
Event Enrollment	File	Integer Value
Large Analog Value	Loop	Multi-State Input
Multi-State Output	Multi-State Value	Notification Class
Positive Integer Value	Schedule	Structured View
Trend Log		

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet
MS/TP Master	9600, 19200, 38400, 76800, 57600, 115200
Ethernet	ISO 8802-3, 10BASET

Character Set Support

ISO 10646 (UTF-8)
ISO 10646 (UCS-2)