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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-30347)

Vendor		Listing Status
Tridium Inc. 3951 Westerre Parkway, Suite 350 Richmond, VA 23233 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of October 2016	Revision 14 (135-2012)	August 2018

Product Name	Model Numbers	Software Version
Niagara 4 BACnet Controller	12977, 12466, 10820, 10820E, 11078	Tridium 4.4.93.40

### 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
	Acknowledge-A	AE-ACK-A
	Acknowledge-B	AE-ACK-B
	Alarm Summary-B	AE-ASUM-B
	Enrollment Summary-B	AE-ESUM-B
	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
	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-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
	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	

Network Management	Router Configuration-B	NM-RC-B
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## Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Characterstring Value	Device
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
MS/TP Master	9600, 19200, 38400, 76800, 57600, 115200
Ethernet	

## Networking Options

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

## Character Set Support

ISO 10646 (UTF-8)
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