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BACnet Testing Laboratories Product Listing

BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.

Listing Information (BTL-31443)

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 February 2024	Revision 16	November 2025

Product Name	Model Numbers	Firmware version
Niagara 4 Supervisor BACnet Advanced Workstation	SUP-0, SUP-1, SUP-2, SUP-3, SUP-10, SUP-100, SUP-UNL	BACnet Firmware Revision: 4.14.3.24 BACnet Application Software Version: Tridium 4.14.3.24

Device Profiles

Profile	Model Numbers
BACnet Advanced Operator Workstation (B-AWS) BACnet Router (B-RTR) BACnet Gateway (B-GW) BACnet Broadcast Management Device (B-BBMD) BACnet Secure Connect Hub (B-SCHUB)	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-A	DS-COVP-A
	Change Of Value Property-B	DS-COVP-B
	Change Of Value Unsubscribed-A	DS-COVU-A
	Change Of Value Unsubscribed-B	DS-COVU-B
	View-A	DS-V-A
	Advanced View-A	DS-AV-A
	Modify-A	DS-M-A
	Advanced Modify-A	DS-AM-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-A	AE-ASUM-A
	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
	Advanced View Notifications-A	AE-AVN-A
	View and Modify-A	AE-VM-A
	Advanced View and Modify-A	AE-AVM-A
	Alarm Summary View-A	AE-AS-A
	Event Log View-A	AE-ELV-A
	Event Log View and Modify-A	AE-ELVM-A
	Configurable Recipient Lists-B	AE-CRL-B

Scheduling	Advanced View and Modify-A	SCHED-AVM-A
	View and Modify-A	SCHED-VM-A
	Weekly Schedule-A	SCHED-WS-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
	Viewing and Modifying Multiple Values-A	T-VMMV-A
	Automated Multiple Value Retrieval-A	T-AMVR-A
	View-A	T-V-A
	Advanced View and Modify-A	T-AVM-A
	Archival-A	T-A-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-A	DM-DCC-A
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-A	DM-TS-A
	UTCTimeSynchronization-A	DM-UTC-A
	ReinitializeDevice-A	DM-RD-A
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-A	DM-BR-A
	Backup and Restore-B	DM-BR-B
	Restart-A	DM-R-A
	Restart-B	DM-R-B
	List Manipulation-A	DM-LM-A
	List Manipulation-B	DM-LM-B
	Object Creation and Deletion-A	DM-OCD-A
	Object Creation and Deletion-B	DM-OCD-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
	Slave Proxy-View and Modify-A	DM-SP-VM-A
	Router Configuration-B	NM-RC-B
	BBMD Configuration-B	NM-BBMD-B
	Foreign Device Registration-A	NM-FDR-A
	Secure Connect Hub-B	NM-SCH-B
	Secure Connect Direct Connect-A	NM-SCDC-A
	Secure Connect Direct Connect-B	NM-SCDC-B
	Embedded Objects-B	GW-EO-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	Structured View	Trend Log

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD Register as Foreign Device BACnet/IP, 'DIX' Ethernet
BACnet/SC	Hub

Character Set Support

ISO 10646 (UTF-8) IBM/Microsoft DBCS JIS X 0208 ISO 10646 (UCS-2) ISO 10646 (UCS-4) ISO 8859-1
