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-30902)

Vendor		Listing Status
ABB 2018 Powers Ferry Road Atlanta, GA 30339 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of November 2014	Revision 14 (135-2012)	November 2017

Product Name	Model Numbers	Version
Integra N4 Supervisor	DR-S-BAC-AWS or DR-S-BAC-OWS with DR-S-BAC-AWS-UP	Tridium 4.3.58.22.3

Device Profiles

Profile	Model Numbers
BACnet Advanced Operator Workstation (B-AWS) BACnet Operator Workstation (B-OWS)	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
	COV-A	DS-COV-A
	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
	ACK-A	AE-ACK-A
	Information-A	AE-INFO-A
	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

Scheduling	Advanced View and Modify-A	SCHED-AVM-A
	View and Modify-A	SCHED-VM-A
	Weekly Schedule-A	SCHED-WS-A

Trending	Automated Trend Retrieval-A	T-ATR-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-B	DM-DOB-B
	DeviceCommunicationControl-A	DM-DCC-A
	TimeSynchronization-A	DM-TS-A
	UTCTimeSynchronization-A	DM-UTC-A
	ReinitializeDevice-A	DM-RD-A
	Backup and Restore-A	DM-BR-A
	List Manipulation-A	DM-LM-A
	Object Creation and Deletion-A	DM-OCD-A
	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

Object Type Support

Device		

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD Register as Foreign Device BACnet/IP, 'DIX' Ethernet
Ethernet	ISO 8802-3, 10BASET

Character Set Support

ISO 10646 (UTF-8) IBM/Microsoft DBCS JIS X 0208 ISO 8859-1 ISO 10646 (UCS-4) ISO 10646 (UCS2)