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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-30920)

Vendor		Listing Status
Johnson Controls Inc. 507 E. Michigan St Milwaukee, WI 53202 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of February 2021	Revision 18	February 2022

Product Name	Model Numbers	Firmware version
Application and Data Server (ADS)	MS-ADS05U	12.0.0.7697
Application and Data Server - Lite - A (ADS-LITE-A)	MS-ADSLA5U	12.0.0.7697
Application and Data Server - Lite - E (ADS-LITE-E)	MS-ADSLE5U	12.0.0.7697
Extended Application and Data Server (ADX)	MS-ADX10U, MS-ADX10SQL, MS-ADX25U, MS-ADX25SQL, MS-ADX50U, MS-ADX50SQL2, MS-ADX50SQL, MS-ADX100U, MS-ADX100SQL2	12.0.0.7697

### Device Profiles

Profile	Model Numbers
BACnet Secure Connect Hub (B-SCHUB)	All models

## BIBBs Supported

Data Sharing	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	Change Of Value Property-B	DS-COVP-B

Device Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-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
	Restart-B	DM-R-B
	Secure Connect Direct Connect B	NM-SCDC-B
	Secure Connect Hub -B	NM-SCH-B

## Object Type Support

Device	Network Port	
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## Data Link Layer Options

Media	Options
BACnet/SC	Hub

## Character Set Support

ISO 10646 (UTF-8)
ISO 10646 (UCS-2)
IBM/Microsoft DBCS