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BACnet Testing Labs Product Listing

This product has been tested at the BACnet Testing Labs 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 Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BI website.

Listing Information

Vendor		Listing Status
Johnson Controls, Inc. 507 E. Michigan Street Milwaukee, WI 53202 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of May 2005	135-2004	April 2007

Product Name	Model Number	Software Version
Network Automation Engine (NAE)	MS-NAE35xx-xxx MS-NAE45xx-xxx MS-NAE55xx-xxx MS-NAE85xx-xxx	3.0
Network Control Engine (NCE)	MS-NCE25xx-xxx	3.0

Product Name	Link to PICS on BMA Website
Network Automation Engine (NAE)	http://www.bacnetinternational.org/BMAProductCatalog/JCI/
Network Control Engine (NCE)	http://www.bacnetinternational.org/BMAProductCatalog/JCI/

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	All Devices

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-B	DS-WPM-B
	COV-A	DS-COV-A
COV-B	DS-COV-B	

Alarm and Event Notification	Notification Internal-B	AE-N-I-B
	ACK-B	AE-ACK-B
	Alarm Summary-B	AE-ASUM-B
	Enrollment Summary-B	AE-ESUM-B
	Information B	AE-INFO-B

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-B

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
	Automated Trend Retrieval-B	T-ATR-B

Device and Network 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-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B

Object Type Support

Analog Input ¹	Analog Output ¹	Analog Value
Binary Input ¹	Binary Output ¹	Binary Value
Multi-State Input ¹	Multi-State Output ¹	Multi-State Value
Calendar	Device	Event Enrollment
File	Group	Notification Class
Schedule	Trend Log	

Data Link Layer Options

Media	Options
BACnet IP (Annex J)	
MS/TP master	9600, 19200, 38400, 76800 ²

Character Set Support

ANSI X3.4

¹ Object Type is not supported in the MS-NAE85xx-xx models

² See product data for 76,800 baud guidelines