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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 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
Schneider Electric Buildings 1 High St. North Andover MA 01845 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2011	Revision 6	May 2013

Product Name	Model Number(s)	Software Version
StruxureWare Building Operation Enterprise Server	SW-ES	1.3

Device Profiles

Profile	Model Numbers
BACnet Operator Workstation (B-OWS) BACnet Building Controller (B-BC)	SW-ES

BIBBs Supported

Data Sharing	ReadProperty-A	DS-RP-A
	WriteProperty-A	DS-WP-A
	ReadProperty-B	DS-RP-B
	WriteProperty-B	DS-WP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WritePropertyMultiple-A	DS-WPM-A
	WritePropertyMultiple-B	DS-WPM-B
	COV-A	DS-COV-A
	COV-B	DS-COV-B
	View-A	DS-V-A
Modify-A	DS-M-A	

Alarm and Event Management	Alarm and Event-Notification-A	AE-N-A
	Alarm and Event-Notification Internal-B	AE-N-I-B
	Alarm and Event-ACK-A	AE-ACK-A
	Alarm and Event-ACK-B	AE-ACK-B
	Alarm and Event-Alarm Summary-A	AE-ASUM-A
	Alarm and Event-Enrollment Summary-A	AE-ESUM-A
	Alarm and Event-Enrollment Summary-B	AE-ESUM-B
	Alarm and Event-Information-A	AE-INFO-A
	Alarm and Event-Information-B	AE-INFO-B
	Alarm and Event-View Notifications-A	AE-VN-A
	Alarm and Event-View and Modify-A	AE-VM-A
	Alarm and Event-Alarm Summary View-A	AE-AS-A

Scheduling	Scheduling-View and Modify-A	SCHED-VM-A
	Scheduling-Weekly Schedule-A	SCHED-WS-A
	Scheduling Internal-B	SCHED-I-B
	Scheduling External-B	SCHED-E-B

Trending	Trending-View-A	T-V-A
	Trending-Advance View and Modify-A	T-AVM-A
	Trending-Archival-A	T-A-A
	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	

Device and Network Management	Automatic Network Mapping-A	DM-ANM-A
	Automatic Device Mapping-A	DM-ADM-A
	Manual Time Synchronization-A	DM-MTS-A
	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
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-A	DM-TS-A
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-A	DM-RD-A
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-A	DM-BR-A
	Backup and Restore-B	DM-BR-B
	Object Creation and Deletion-A	DM-OCD-A
	Object Creation and Deletion-B	DM-OCD-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	Event Enrollment
File	Loop	
Multi-state Input	Multi-state Output	Multi-state Value
Notification Class	Schedule	Trend Log

Data Link Layer Options

Media	Options
MS/TP master	9600, 19200, 38400, 76800
BACnet/IP (Annex J)	Register as a Foreign Device or BBMD

Networking Options

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

Character Set Support

ANSI X3.4
ISO 8859-1
ISO 10646 (UCS-4)
ISO 10646 (UCS-2)