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
Samsung Techwin 701 Sampyeong-dong, Bundang-gu, Seongnam-si, Kyunggi-do Korea		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2011	Revision 7	September 2012

Product Name	Model Number(s)	Software Version
Network Gateway Controller	SAG-B1280A	3.6

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
	WriteProperty-A	DS-WP-A
	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-B	AE-ASUM-B
	Alarm and Event-Enrollment Summary-B	AE-ESUM-B
	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

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

Trending	Trending-Viewing-A	T-V-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	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
	Automatic Device Mapping–A	DM-ADM-A
	Automatic Network Mapping –A	DM-ANM-A
	Automatic TimeSynchronization–A	DM-ATS-A
	Manual TimeSynchronization–A	DM-MTS-A
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization–B	DM-TS-B
	UTC TimeSynchronization–B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	List Manipulation–A	DM-LM-A
	List Manipulation–B	DM-LM-B

Object Type Support

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

Data Link Layer Options

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

Character Set Support

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

Networking Options

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