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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-30586)

Vendor		Listing Status
Samsung Electronics Co. Ltd. Digital Appliances Business 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 Republic of Korea		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2018	Revision 16	March 2020

Product Name	Model Numbers	Version
b.IoT Server	AST-BL1A: b.IoT Lite, MST-BL1A: b.IoT Lite, AST-BS1A: b.IoT Standard, AST-BE1A: b.IoT Enterprise	1.0

Device Profiles

Profile	Model Numbers
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
	Change Of Value-A	DS-COV-A
	Change Of Value-B	DS-COV-B
	Change Of Value Property-A	DS-COVP-A
	Change Of Value Property-B	DS-COVP-B
	View-A	DS-V-A
	Modify-A	DS-M-A

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

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

Trending	Automated Trend Retrieval-A	T-ATR-A
	View-A	T-V-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
	Manual Time Synchronization-A	DM-MTS-A
Foreign Device Registration-A	NM-FDR-A	

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Device	Multi-State Input	Multi-State Output
Multi-State Value		

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet
Ethernet	

Character Set Support

ISO 10646 (UTF-8)
