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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
Shina System Co. Ltd 3305, O'BizTower, 126, Beolmal-ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do Republic of Korea		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of August 2012	Revision 12 (135-2010)	November 2013

Product Name	Model Number	Software Version
Field Control Unit series	FCU-2000B, FCU-2000M, FCU-2000	1.1.0
Master Control Unit series	MCU-2000, MCU-3000, MCU-5000	1.1.0

### 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-B	DS-COV-B

Alarm and Event Management	Alarm and Event-Notification Internal-B	AE-N-I-B
	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

Scheduling	Scheduling-Internal-B	SCHED-I-B
	Scheduling-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-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	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	File
Multi-State Input	Multi-State Output	Multi-State Value
Notification Class	Schedule	Trend Log

## Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD, Register as a Foreign Device

## Character Set Support

ANSI X3.4 / UTF-8
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