SHINA SYSTEM

Product Implementation Conformance Statement

Date : August, 2015

Vendor Name : Shina System Co. Ltd

BACnet Device Profile : B-AWS   **BACnet Vendor ID : 578**

BACnet Protocol Version : 1   **BACnet Protocol Revision : 10**

Product	Model Number	Version
SiBAS HMI Software Series	SiManager, DvManager, BACnetManager	1.0.0

Product Description

SiManager, an integrated monitoring/control program for SiBAS-5000/2000, can monitor and control the products of Shina as well as products of other companies, and can perform integrated monitoring and control of building operation situations as it is comprised of 6 specialized maps (Graphic Map, Text Map, Trend Map, Schedule Map, Report Map, and Camera Map).

BACnet Standardized Device Profile (Annex L)

□ BACnet Operator Workstation (B-OWS)

■ BACnet Advanced Operator Workstation (B-AWS)

□ BACnet Operator Display (B-OD)

□ BACnet Building Controller (B-BC)

□ BACnet Advanced Application Controller (B-AAC)

□ BACnet Application Specific Controller (B-ASC)

□ BACnet Smart Sensor (B-SS)

□ BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks Supported (Annex K):

BIBB	Name	Supported
DS-RP-A	Data Sharing – Read Property-A	X
DS-RP-B	Data Sharing – Read Property-B	X
DS-RPM-A	Data Sharing – Read Property Multiple-A	X
DS-WP-A	Data Sharing – Write Property-A	X
DS-WPM-A	Data Sharing – Write Property Multiple-A	X
DS-V-A	Data Sharing – View-A	X
DS-AV-A	Data Sharing – Advanced View-A	X
DS-M-A	Data Sharing – Modify-A	X
DS-AM-A	Data Sharing – Advanced Modify-A	X
AE-N-A	Alarm and Event – Notification-A	X
AE-ACK-A	Alarm and Event – ACK-A	X
AE-ASUM-A	Alarm and Event – Alarm Summary-A	X
AE-ESUM -A	Alarm and Event – Enrollment Summary -A	X
AE-INFO-A	Alarm and Event – Information-A	X
AE-ELV-A	Alarm and Event – Event Log View-A	X
AE-ELVM-A	Alarm and Event – Event Log View and Modify-A	X
AE-VN-A	Alarm and Event – View Notifications -A	X
AE-AVN-A	Alarm and Event – Advanced View Notifications-A	X
AE-VM-A	Alarm and Event – View Modify-A	X
AE-AVM-A	Alarm and Event – Advanced View Modify-A	X
AE-AS-A	Alarm and Event – Alarm Summary View-A	X
SCHED-AVM-A	Scheduling – Advanced View Modify-A	X
SCHED-VM-A	Scheduling – View Modify-A	X
T-V-A	Trending – Viewing-A	X
T-AVM-A	Trending – Advanced View Modify-A	X
DM-DDB-A	Device Management – Dynamic Device Binding-A	X
DM-DDB-B	Device Management – Dynamic Device Binding-B	X
DM-DOB-B	Device Management – Dynamic Object Binding-B	X
DM-ADM-A	Device Management – Auto Device Mapping-A	X
DM-ANM-B	Device Management – Auto Network Mapping-A	X

DM-MTS-B	Device Management – Manual Time Synchronization-A	X
DM-DCC-A	Device Management – Device Communication Control-A	X
DM-RD-B	Device Management – Reinitialize Device-B	X
DM-BR-A	Device Management – Backup and Restore-A	X
DM-OCD-A	Device Management – Object Creation and Deletion-A	X

Segmentation Capability:

- Able to transmit segmented messages   Window Size   : 32
- Able to receive segmented messages   Window Size   : 32

Standard Object Types Supported:

Object Type	Supported	Creatable	Deletable
Device	X		

Properties that are Supported(S), Writable(W), Optional(O) are indicated.

Property (Device)	S	W	O
Object_Identifier	X		
Object_Name	X		
Object_Type	X		
System_Status	X		
Vendor_Name	X		
Vendor_Identifier	X		
Model_Name	X		
Firmware_Revision	X		
Application_Software_Version	X		
Location	X		
Description	X		
Protocol_Version	X		
Protocol_Revision	X		
Protocol_Services_Supported	X		
Protocol_Object_Types_Supported	X		
Object_List	X		
Max_APDU_Length_Accepted	X		
Segmentation_Supported	X		
Max_Segments_Accepted	X		
Local_Time	X		
Local_Date	X		
APDU_Segment_Timeout	X		
APDU_Timeout	X		
Number_Of_APDU_Retries	X		
Device_Address_Binding	X		
Database_Revision	X		

Data Link Layer Options:

■ BACnet IP, (Annex J)
☐ BACnet IP, (Annex J), Foreign Device
☐ ISO 8802-3, Ethernet (Clause 7)
☐ ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
☐ ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____
☐ MS/TP master (Clause 9), baud rate(s): 9600, 38400, 76800
☐ MS/TP slave (Clause 9), baud rate(s):
☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s):
☐ Point-To-Point, modem, (Clause 10), baud rate(s):
☐ LonTalk, (Clause 11), medium: _____
☐ BACnet/Zigbee (Annex O) _____
☐ Other:

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain

other devices.) ☐ Yes ■ No

Networking Options:

☐ Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
☐ Annex H, BACnet Tunneling Router over IP
☐ BACnet/IP Broadcast Management Device (BBMD)

Does the BBMD support registrations by Foreign Devices? ☐ Yes ☐ No

Does the BBMD support network address translation? ☐ Yes ☐ No

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.
☐ ISO 10646 (UTF-8) ■ ANSI X3.4 ☐ ISO 8859-1
☐ ISO 10646 (UCS-2) ☐ ISO 10646 (UCS-4) ☐ JIS X 0208

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:
_____

Network Security Options:
■ Non-secure Device - is capable of operating without BACnet Network Security
☐ Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
    ☐ Multiple Application-Specific Keys
    ☐ Supports encryption (NS-ED BIBB)
    ☐ Key Server (NS-KS BIBB)