

BACnet Protocol Implementation Conformance Statement

Vendor Name: Siemens Building Technologies

Product Name: ACX 32 / ACX 34

Product Model Number: ACX 52.22

Application Software Version: 5.72 Firmware Revision: 0.1 BACnet Protocol Revision: 2

Product Description:

Software component for the communication card ACX 52.22, which could be used in the SAPHIR Building Controller ACX32/ACX34.

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- 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)

Additional BACnet Interoperability Building Blocks Supported (Annex K): _____

Segmentation Capability

- Segmented requests supported Window Size: _____
- Segmented responses supported Window Size: _____

Standard Object Types Supported

Object Type	Supported	Dynamically Creatable	Dynamically Deleteable	Optional Properties Supported	Writable Properties
Analog Input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Analog Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Analog Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Binary Input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Binary Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Binary Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Calendar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Command	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Device	<input checked="" type="checkbox"/>	N/A	N/A	_____	_____
Event Enrollment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
File	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Loop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Multi-State Input	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Multi-State Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Multi-State Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Notification Class	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Trend Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Data Link Layer Option

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2,5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s): _____
- MS/TP master (Clause 9), baud rate(s): _____
- 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: _____
- Other: _____

Device Address Binding:

Is static device binding is 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 registration by Foreign Devices?) Yes No

Character Sets Supported

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- | | | |
|---|--|-------------------------------------|
| <input checked="" type="checkbox"/> ANSI X3.4 | <input type="checkbox"/> IBM™/Microsoft™ DBCS | <input type="checkbox"/> JIS C 6226 |
| <input type="checkbox"/> ISO 10646(UCS-4) | <input checked="" type="checkbox"/> ISO 10646(UCS-2) | <input type="checkbox"/> ISO 8859-1 |

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