



ANNEX A - PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT (NORMATIVE)

(This annex is part of this Standard and is required for its use.)

BACnet Protocol Implementation Conformance Statement

Date: 2012-10-24

Vendor Name: WILO SE

Product Name: CC BACnet Option (CC, CC...FC, CCe) for Booster and HVAC Application

Product Model Number: 2537051 [CC-OPTION BACNET IP KOM. (SLAVE)]

Application Software Version: 31.000

Firmware Revision: n/a

BACnet Protocol Version: 1

BACnet Protocol Revision: 7

Document Revision: 1.00

Product Description:

The CC-Option BACnet/IP is designed to supply the CC family panels (CC Booster, CC...FC Booster, CCe Booster, CC HVAC, CC...FC HVAC, CCe...HVAC) with an interface to a BACnet/IP network.

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 Corresponding BACnet Service(s)	Corresponding BACnet Service(s)
Data Sharing-ReadProperty-B (DS-RP-B)	ReadProperty (Execute)
Data Sharing-ReadPropertyMultiple-B (DS-RPM-B)	ReadPropertyMultiple (Execute)
Data Sharing-WriteProperty-B (DS-WP-B)	WriteProperty (Execute)
Data Sharing-WritePropertyMultiple-B (DS-WPM-B)	WritePropertyMultiple (Execute)
Data Sharing-COV-B (DS-COV-B)	SubscribeCOV (Execute)
	ConfirmedCOVNotification (Initiate)
	UnConfirmedCOVNotification (Initiate)
Alarm and Event-Notification Internal-B (AE-N-I-B)	ConfirmedEventNotification (Initiate)
	UnConfirmedEventNotification (Initiate)
Alarm and Event-ACK-B (AE-ACK-B)	AcknowledgeAlarm (Execute)
Alarm and Event-Alarm Summary-B (AE-ASUM-B)	GetAlarmSummary (Execute)
Alarm and Event-Information-B (AE-INFO-B)	GetEventInformation (Execute)
Device Management-Dynamic Device Binding-A (DM-DDB-A)	Who-Is (Initiate)
	I-Am (Execute)
Device Management-Dynamic Device Binding-B (DM-DDB-B)	Who-Is (Execute)
	I-Am (Initiate)
Device Management-Dynamic Object Binding-B (DM-DDB-B)	Who-Has (Execute)
	I-Have (Initiate)
Device Management-Device Communication Control-B (DM-DCC-B)	DeviceCommunicationControl (Execute)
Device Management-TimeSynchronization-B (DM-TS-B)	TimeSynchronization (Execute)
Device Management-ReinitializeDevice-B (DM-RD-B)	ReinitializeDevice (Execute)

Segmentation Capability:

- Able to transmit segmented messages Window Size 22
- Able to receive segmented messages Window Size 22

Standard Object Types Supported:

Object Type	Dynamically Creatable	Dynamically Deletable	Optional Property Supported	Writeable Properties
Analog Value	No	No	-	-
Binary Value	No	No	-	-
Device	No	No	-	-
Notification Class	No	No	-	-
Multi-state Value	No	No	-	-

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): _____
- 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

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)

Character Sets Supported:

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

- ISO 10646 (UTF-8) IBM™/Microsoft™ DBCS ISO 8859-1
- ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS X