



Protocol Implementation Conformance Statement (NORMATIVE)

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Date: April 11, 2006
Vendor Name: Wizcon Systems
Product Name: Wizcon Supervisor
Product Model Number: Wizcon 9.1.6
Applications Software Version: 9.1.6
Firmware Revision: n/a
BACnet Protocol Revision: 135-2001 (1)

Product Description:

The BACnet driver VPIWNBCN for Wizcon Supervisor turns Wizcon Supervisor into a BACnet operator workstation. It has two operation modes with integrated BACnet/IP BBMD, FD, Half router and Tunnelling Router functionality :

- 1) BACnet operator workstation, suitable for configuring BACnet servers and accessing any property of any object,
- 2) Standard SCADA operation, providing a graphical, intuitive user interface in order to allow the end user to easily access and operate the plant. Data sharing, scheduling , alarming and trending services are fully integrated with the services of the SCADA system

The client implementation is based on Cimetrix BACstac 4.2.E

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)

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

Data Sharing	Event&Alarm Mgmt	Scheduling	Trending	Device&Network Mgmt
DS-COV-A DS-RP-A DS-RPM-A DS-RP-B DS-WP-A DS-WPM-A	AE-ACK-A AE-ASUM-A ¹ AE-ESUM-A AE-N-A AE-INFO-A ²	SCHED-A ³	T-ATR-A T-VMT-I-A	DM-DDB-A DM-DDB-B DM-DCC-A DM-DOB-A DM-DOB-B DM-RD-A DM-TS-A DM-UTC-A

¹ Alarm lists are generated at start-up and dynamically during operation. The service GetAlarmSummary is not used to provide this functionality.

² Event summaries are generated at start-up and dynamically during operation. The service GetEventInformation is not used to provide this functionality

³ Access to the list of object property references is provided by service AddListElement.



Segmentation Capability:

- Segmented requests supported
- Segmented responses supported

Window Size _____

Window Size _____

Standard Object Types Supported:

Object-Type	Object-Type Supported	Dynamically Creatable Deleteable	Optional Properties Supported
Accumulator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Analog Input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Analog Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Analog Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Averaging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Binary Input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Binary Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Binary Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Calendar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All
Command	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Event-Enrollement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
File	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All

Object-Type	Object-Type Supported	Dynamically Creatable Deleteable	Optional Properties Supported
Group	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Life Safety Point	<input type="checkbox"/>	<input type="checkbox"/>	
Life Safety Zone	<input type="checkbox"/>	<input type="checkbox"/>	
Loop	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Multi-State Input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Multi-State Output	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Multi-State Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Notification Class	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All
Program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Pulse Converter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All
Schedule	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All
Trendlog	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All

Data Link Layer Options:

- 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), any baud rate
- 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), any medium
- 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

Character Sets Supported:

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

- ANSI X3.4
- IBM™/Microsoft™ DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (UCS-4)
- JIS C 6226

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