

BACnet Protocol Implementation Conformance Statement

Date: 01/03/2020

Vendor Name: RPS S.p.A.

Product Name: NetMan 204

Product Model Number: _____

Application Software Version: 3.01 and higher

Firmware Revision: 3.01 and higher

BACnet Protocol Revision: 1.01

Product Description:

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):

Segmentation Capability:

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

RPS S.p.A. Riello Power Solutions

37045 Legnago (VR) - ITALY - Viale Europa 7 - T +39 0442 635811 - F +39 0442 629098

www.riello-ups.com - riello@riello-ups.com

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Standard Object Types Supported:

An object type is supported if it may be present in the device. For each standard Object Type supported provide the following data:

- 1) Whether objects of this type are dynamically creatable using the CreateObject service
- 2) Whether objects of this type are dynamically deletable using the DeleteObject service
- 3) List of the optional properties supported
- 4) List of all properties that are writable where not otherwise required by this standard
- 5) List of all properties that are conditionally writable where not otherwise required by this standard
- 6) List of proprietary properties and for each its property identifier, datatype, and meaning
- 7) List of any property range restrictions

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 0208

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

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BACNET

Object	Description	Unit
Analog Input 0	Input voltage line 1	V
Analog Input 1	Input voltage line 2	V
Analog Input 2	Input voltage line 3	V
Analog Input 3	Input current line 1	A
Analog Input 4	Input current line 2	A
Analog Input 5	Input current line 3	A
Analog Input 6	Input frequency	Hz
Analog Input 7	Bypass voltage line 1	V
Analog Input 8	Bypass voltage line 2	V
Analog Input 9	Bypass voltage line 3	V
Analog Input 10	Bypass frequency	Hz
Analog Input 11	Output voltage line 1	V
Analog Input 12	Output voltage line 2	V
Analog Input 13	Output voltage line 3	V
Analog Input 14	Output current line 1	A
Analog Input 15	Output current line 2	A
Analog Input 16	Output current line 3	A
Analog Input 17	Output peak current line 1	A
Analog Input 18	Output peak current line 2	A
Analog Input 19	Output peak current line 3	A
Analog Input 20	Output power line 1	W
Analog Input 21	Output power line 2	W
Analog Input 22	Output power line 3	W
Analog Input 23	Output frequency	Hz
Analog Input 24	Output load line 1	%
Analog Input 25	Output load line 2	%
Analog Input 26	Output load line 3	%
Analog Input 27	Battery voltage	V
Analog Input 28	Battery current	A
Analog Input 29	Battery capacity	%
Analog Input 30	UPS temperature	°C
Analog Input 31	Autonomy	min
Analog Input 32	Nominal power	VA
Binary Input 0	Mains status	Present/Not present
Binary Input 1	Bypass status	Active/Not active
Binary Input 2	Battery status	Working/Not working
Binary Input 3	Battery level	Low/Not low
Binary Input 4	UPS locked	Locked/Not locked
Binary Input 5	UPS fail	Fail/Not fail

Binary Input 6	Load	Overload/Normal
Binary Input 7	Temperature	Overtemperature/Normal
Binary Input 8	Bypass bad	Bad/Not bad
Binary Input 9	Replace battery	Replace/Not replace
Binary Input 10	Shutdown	Active/Not active
Binary Input 11	Shutdown imminent	Imminent/Not imminent
Binary Input 12	Communication status	Lost/OK

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