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BACnet Testing Laboratories Product Listing

This product has been tested at the BACnet Testing Laboratory WSPLab and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the B.I.G.-EU website under "Product Catalogue".

Listing Information

| | | |
|---|----------------------------------|----------------|
| Test Laboratory | | Listing Status |
| WSPLab Dr.-Ing. Harald Bitter Kapuzinerweg 7 D-70374 Stuttgart | | Listed Product |
| Vendor | | |
| Priva B.V. Zijlweg 3 2678 LC De Lier The Netherlands | | |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of December 2007 | Revision 4 (ISO 16484-5:2007) | April 2008 |

| | | |
|-----------------|--|-------------------------------|
| Product Name | Model Number | Firmware Revision |
| PRIVA HX Series | TC BACnet Router (in conjunction with controller HX 8E) | 6.1 (Router) / 2.4 (HX 8E) |

| | |
|-----------------|--|
| Product Name | Link to PICS |
| PRIVA HX Series | see "Product Catalogue" on the B.I.G.-EU website |

Device Profiles

| | |
|--|--|
| Profile | Model Numbers |
| BACnet Advanced Application Controller (B-AAC) | TC BACnet Router (in conjunction with controller HX 8E) |

BIBBs Tested

| | | |
|--------------|-------------------------|-----------------------|
| Data Sharing | ReadProperty-A | DS-RP-A ¹ |
| | ReadProperty-B | DS-RP-B |
| | ReadPropertyMultiple-B | DS-RPM-B |
| | WriteProperty-A | DS-WP-A ² |
| | WriteProperty-B | DS-WP-B |
| | WritePropertyMultiple-B | DS-WPM-B |
| | COV-B | DS-COV-B ³ |

| | | |
|------------------------------|-------------------------|------------------------|
| Alarm and Event Notification | Notification Internal-B | AE-N-I-B ⁴ |
| | ACK-B | AE-ACK-B ⁵ |
| | Alarm Summary-B | AE-ASUM-B ⁶ |
| | Information B | AE-INFO-B ⁷ |

| | | |
|------------|------------|------------------------|
| Scheduling | Internal-B | SCHED-I-B ⁸ |
| | External-B | SCHED-E-B ⁹ |

| | | |
|----------|---|-------------------------|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-B ¹⁰ |
| | Automated Trend Retrieval-B | T-ATR-B ¹¹ |

| | | |
|-------------------------------|------------------------------|------------------------|
| Device and Network Management | Dynamic Device Binding-A | DM-DDB-A ¹² |
| | Dynamic Device Binding-B | DM-DDB-B |
| | Dynamic Object Binding-B | DM-DOB-B |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B ¹³ |
| | Connection Establishment-A | NM-CE-A ¹⁴ |

Object Type Support

| | | |
|----------------------------------|----------------------------------|---------------------------------|
| Analog Input ¹⁵ | Analog Value ¹⁶ | Binary Input ¹⁷ |
| Binary Output ¹⁸ | Binary Value ¹⁹ | Calendar ²⁰ |
| Device | Event Enrollment ²¹ | File |
| Loop ²² | Multi-State Output ²³ | Multi-State Value ²⁴ |
| Notification Class ²⁵ | Schedule ²⁶ | Trend Log ²⁷ |

Data Link Layer Options

| Media | Options |
|----------------------------|----------------------------------|
| BACnet IP (Annex J) | |
| MS/TP master ²⁸ | 9600, 19200, 38400, 57600, 76800 |

Networking Options

| Networking Functionality | Media |
|--------------------------|-----------|
| Annex J BBMD | BACnet/IP |

Character Set Support

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|-----------|
| ANSI X3.4 |
|-----------|

- ¹ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ² This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ³ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁴ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁵ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁶ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁷ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁸ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ⁹ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹⁰ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹¹ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹² This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹³ This functionality is only supported by TC BACnet Router. It is not supported by the virtual device mapped to the controller HX 8E.
- ¹⁴ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹⁵ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹⁶ This functionality is only supported by the virtual device mapped to the controller HX 8E.
- ¹⁷ This functionality is only supported by the virtual device mapped to the controller HX 8E.
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