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BACnet Testing Laboratories Product Listing

This product has been tested at a qualified BACnet Testing Laboratory 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 Products. For information on additional functionality that was not covered in the test process, refer to the manufacturer's PICS statement on the BI website.

Listing Information (BTL-30166)

| | | |
|---|--------------------------|----------------|
| Vendor | | Listing Status |
| Saia-Burgess Controls AG Bahnhofstrasse 18 3280 Murten, Switzerland | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of December 2011 | Revision 9 | January 2014 |

| | | |
|--------------|---|------------------|
| Product Name | Model Numbers | Software Version |
| Saia PCD7 | PCD7.D457VT5F, PCD7.D410VT5F, PCD7.D412DT5F | 1.22.29 |

Device Profiles

| | |
|-----------------------------------|---------------|
| Profile | Model Numbers |
| BACnet Building Controller (B-BC) | All models |

BIBBs Supported

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

| | | |
|--|-------------------------|----------|
| | Notification Internal-B | AE-N-I-B |
|--|-------------------------|----------|

| | | |
|------------------------------|-------------------------|-----------|
| Alarm and Event Notification | Notification External-B | AE-N-E-B |
| | ACK-B | AE-ACK-B |
| | Alarm Summary-B | AE-ASUM-B |
| | Enrollment Summary-B | AE-ESUM-B |
| | Information-B | AE-INFO-B |

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

| | | |
|----------|--|------------|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-B |
| | Viewing and Modifying Trends External-B | T-VMT-E-B |
| | Automated Trend Retrieval-B | T-ATR-B |
| | Viewing and Modifying Multiple Values Internal-B | T-VMMV-I-B |
| | Viewing and Modifying Multiple Values External-B | T-VMMV-E-B |
| | Automated Multiple Value Retrieval-B | T-AMVR-B |

| | | |
|-------------------|----------------------------------|----------|
| Device Management | Dynamic Device Binding-A | DM-DDB-A |
| | Dynamic Device Binding-B | DM-DDB-B |
| | Dynamic Object Binding-A | DM-DOB-A |
| | Dynamic Object Binding-B | DM-DOB-B |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | TimeSynchronization-A | DM-TS-A |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-A | DM-UTC-A |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B |
| | Restart-B | DM-R-B |
| | List Manipulation-B | DM-LM-B |
| | Object Creation and Deletion-B | DM-OCD-B |

Object Type Support

| | | |
|-------------------|--------------------|--------------------|
| Accumulator | Analog Input | Analog Output |
| Analog Value | Averaging | Binary Input |
| Binary Output | Binary Value | Calendar |
| Command | Device | Event Enrollment |
| Event Log | File | Group |
| Loop | Multi-State Input | Multi-State Output |
| Multi-State Value | Notification Class | Program |
| Pulse Converter | Schedule | Structured View |
| Trend Log | Trend Log Multiple | |

Data Link Layer Options

| Media | Options |
|---------------------|-----------------------------------|
| BACnet/IP (Annex J) | BBMD, Register as Foreign Device |
| MS/TP Master | 9600, 19200, 38400, 57600, 115200 |

Networking Options

| Networking Functionality | Media |
|--------------------------|----------------------------|
| Router | BACnet/IP (Annex J), MS/TP |
| BBMD | BACnet/IP (Annex J), MS/TP |

Character Set Support

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|-------|
| UTF-8 |
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