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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 Product. 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

| | | |
|---|--------------------------|----------------|
| Vendor | | Listing Status |
| Schneider Electric Buildings 1 High St. North Andover MA 01845 USA | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of December 2011 | Revision 6 | May 2013 |

| | | |
|---|-----------------|------------------|
| Product Name | Model Number(s) | Software Version |
| StruxureWare Building Operation Enterprise Server | SW-ES | 1.3 |

Device Profiles

| | |
|-------------------------------------|---------------|
| Profile | Model Numbers |
| BACnet Operator Workstation (B-OWS) | SW-ES |

BIBBs Supported

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

| | | |
|----------------------------|---|-----------|
| Alarm and Event Management | Alarm and Event-Notification-A | AE-N-A |
| | Alarm and Event-Notification Internal-B | AE-N-I-B |
| | Alarm and Event-ACK-A | AE-ACK-A |
| | Alarm and Event-ACK-B | AE-ACK-B |
| | Alarm and Event-Alarm Summary-A | AE-ASUM-A |
| | Alarm and Event-Enrollment Summary-A | AE-ESUM-A |
| | Alarm and Event-Enrollment Summary-B | AE-ESUM-B |
| | Alarm and Event-Information-A | AE-INFO-A |
| | Alarm and Event-Information-B | AE-INFO-B |
| | Alarm and Event-View Notifications-A | AE-VN-A |
| | Alarm and Event-View and Modify-A | AE-VM-A |
| | Alarm and Event-Alarm Summary View-A | AE-AS-A |

| | | |
|------------|------------------------------|------------|
| Scheduling | Scheduling-View and Modify-A | SCHED-VM-A |
| | Scheduling-Weekly Schedule-A | SCHED-WS-A |
| | Scheduling Internal-B | SCHED-I-B |
| | Scheduling External-B | SCHED-E-B |

| | | |
|----------|---|-----------|
| Trending | Trending-View-A | T-V-A |
| | Trending-Advance View and Modify-A | T-AVM-A |
| | Trending-Archival-A | T-A-A |
| | Viewing and Modifying Trends Internal-B | T-VMT-I-B |
| | Viewing and Modifying Trends External-B | T-VMT-E-B |
| | Automated Trend Retrieval-A | T-ATR-A |
| | Automated Trend Retrieval-B | T-ATR-B |

| | | |
|-------------------------------|--------------------------------|----------|
| Device and Network Management | Automatic Network Mapping-A | DM-ANM-A |
| | Automatic Device Mapping-A | DM-ADM-A |
| | Manual Time Synchronization-A | DM-MTS-A |
| | Dynamic Device Binding-A | DM-DDB-A |
| | Dynamic Device Binding-B | DM-DDB-B |
| | Dynamic Object Binding-B | DM-DOB-B |
| | DeviceCommunicationControl-A | DM-DCC-A |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | TimeSynchronization-A | DM-TS-A |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-A | DM-RD-A |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-A | DM-BR-A |
| | Backup and Restore-B | DM-BR-B |
| | Object Creation and Deletion-A | DM-OCD-A |
| | Object Creation and Deletion-B | DM-OCD-B |

Object Type Support

| | | |
|--------------------|--------------------|-------------------|
| Analog Input | Analog Output | Analog Value |
| Binary Input | Binary Output | Binary Value |
| Calendar | Device | Event Enrollment |
| File | Loop | |
| Multi-state Input | Multi-state Output | Multi-state Value |
| Notification Class | Schedule | Trend Log |

Data Link Layer Options

| Media | Options |
|---------------------|--------------------------------------|
| BACnet/IP (Annex J) | Register as a Foreign Device or BBMD |

Character Set Support

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|-------------------|
| ANSI X3.4 |
| ISO 8859-1 |
| ISO 10646 (UCS-4) |
| ISO 10646 (UCS-2) |