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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-30196)

| | | |
|---|--------------------------|----------------|
| Vendor | | Listing Status |
| Schneider Electric LLC 800 Federal Street Andover MA 01810 USA | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of November 2014 | Revision 12 (135-2010) | September 2016 |

| | | |
|-------------------------------------|---------------|------------------|
| Product Name | Model Numbers | Software Version |
| SmartX Controller Automation Server | AS-P, AS-B | 1.9 |

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 | |

| | | |
|---------------------------------|-------------------------|-----------|
| Alarm and Event Notification | Notification Internal-B | AE-N-I-B |
| | ACK-B | AE-ACK-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 |

| | | |
|-------------------|----------------------------------|----------|
| Device Management | Dynamic Device Binding-A | DM-DDB-A |
| | Dynamic Device Binding-B | DM-DDB-B |
| | Dynamic Object Binding-B | DM-DOB-B |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | 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 |
| | Object Creation and Deletion-B | DM-OCD-B |
| | Automatic Time Synchronization-A | DM-ATS-A |

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 |
|---------------------|----------------------------------|
| MS/TP Master | 9600, 19200, 38400, 76800 |
| BACnet/IP (Annex J) | BBMD, Register as Foreign Device |

Networking Options

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

Character Set Support

| |
|-------------------|
| ISO 10646 (UTF-8) |
| ISO 8859-1 |
| ISO 10646 (UCS-4) |
| ISO 10646 (UCS-2) |