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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 (TAC) One High Street North Andover, MA 01845 | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of April 2008 | Revision 4 (135-2004) | April 2008 |

| | | |
|------------------------|--------------|------------------|
| Product Name | Model Number | Software Version |
| bCX1 Controller/Router | bCX1-CR | 4.5 |

Device Profiles

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

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 |
| | Information B | AE-INFO-B |

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

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

| | | |
|-------------------------------|------------------------------|----------|
| Device and Network 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 |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B |

Object Type Support

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

Data Link Layer Options

| Media | Options |
|----------------------|---------------------------|
| BACnet IP (Annex J) | |
| Ethernet, ISO 8802-3 | |
| MS/TP master | 9600, 19200, 38400, 76800 |

Networking Options

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

Character Set Support

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| ANSI X3.4 |
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