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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 |
| Delta Controls 17850 56th Ave Surrey, BC, V3S 1C7 Canada | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of July 2009 | Revision 6 | August 2011 |

| Product Name | Model Number(s) | Software Version |
|-----------------------|---|------------------|
| enteliBUS | eBMGR ¹ , eBCON ¹ | 3.40 |
| System Controller | DSC-1616E ¹ , DSC-1212E ¹ , DSC-1180E ¹ , DSC-1146E ¹ , DSC-T305 ² , DSC-633E ¹ , DSC-606E ¹ , DSC-R1616E ¹ , DSC-R2424E ¹ | 3.40 |
| Lighting Controller | DLC-P704 ³ , DLC-P1008 ³ , DLC-P1012 ³ , DLC-P1024 ³ , DLC-P1036 ³ | 3.40 |
| Access System Manager | ASM-24E ¹ | 3.40 |
| System Manager | DSM-T0B ² , DSM-RTR ¹ | 3.40 |

¹ BACnet/IP is supported, along with Data Sharing ReadPropertyMultiple-A.

² Does not support Ethernet/IP; these are MS/TP only devices. Data Sharing ReadPropertyMultiple-A is not supported.

³ BACnet/IP is an available option. Data Sharing ReadPropertyMultiple-A is only supported by BACnet/IP capable devices.

Device Profiles

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

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-B | DS-WPM-B |
| | COV-A | DS-COV-A |
| COV-B | DS-COV-B | |

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

| | | |
|------------|-----------------------|-----------|
| Scheduling | Scheduling Internal-B | SCHED-I-B |
| | Scheduling 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 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 |
| | Backup and Restore-B | DM-BR-B |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Automatic TimeSynchronization-A | DM-ATS-A |
| | TimeSynchronization-A | DM-TS-A |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-A | DM-UTC-A |
| | UTCTimeSynchronization-B | DM-UTC-B |
| 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 | Program |
| Multi-state Input | Multi-state Value | |

| | | |
|--------------------|----------|-----------|
| Notification Class | Schedule | Trend Log |
|--------------------|----------|-----------|

Data Link Layer Options

| Media | Options |
|---------------------|----------------------------------|
| MS/TP master | 9600, 19200, 38400, 76800 |
| Ethernet | 10BASE5, 10BASE2, 10BASET, fiber |
| BACnet/IP (Annex J) | BBMD |

Networking Options

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

Character Set Support

| |
|-------------------|
| ANSI X3.4 / UTF-8 |
|-------------------|