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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 |
| Siemens Building Technologies<br>1000 Deerfield Pkwy<br>Buffalo Grove, IL 60089<br>USA |                          | Listed Product |
| Test Requirements  | BACnet Protocol Revision | Date Tested    |
| Requirements as of <b>December 2011</b>  | Revision 7 (135-2008)    | June 2012      |

|                                      |   |                   |
|--------------------------------------|---|-------------------|
| Product Name                         | Model Number                            | Software Version  |
| TC Compact for BACnet MS/TP Networks | TC16.2-M.T<br>TC24.2-M.T<br>TC24.2-MR.T | 3.2.4 BACnet 4.3g |

## 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 | Alarm and Event-Notification Internal-B | AE-N-I-B  |
|                              | Alarm and Event-Notification External-B | AE-N-E-B  |
|                              | Alarm and Event-ACK-A                   | AE-ACK-A  |
|                              | Alarm and Event-ACK-B                   | AE-ACK-B  |
|                              | Alarm and Event-Enrollment Summary-B    | AE-ESUM-B |
|                              | Alarm and Event-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 |
|          | Viewing and Modifying - 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 |
|                               | DeviceCommunicationControl-B   | DM-DCC-B |
|                               | TimeSynchronization-B          | DM-TS-B  |
|                               | ReinitializeDevice-B           | DM-RD-B  |
|                               | Backup and Restore-B           | DM-BR-B  |
|                               | List Manipulation-B            | DM-LM-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          | Command            | Device             |
| Event Enrollment  | File               | Multi-State Output |
| Multi-State Value | Notification Class |                    |
| Schedule          | Trend Log          |                    |

## Data Link Layer Options

|              |                                   |
|--------------|-----------------------------------|
| Media        | Options                           |
| MS/TP master | 9600, 19200, 38400, 76800, 115200 |

## Character Set Support

|           |
|-----------|
| ANSI X3.4 |
|-----------|