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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 BACnet International website.

Listing Information (BTL-30539)

| | | |
|---|--------------------------|----------------|
| Vendor | | Listing Status |
| Siemens Theilerstrasse 1a 6300 Zug Switzerland | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of October 2016 | Revision 13 | August 2019 |

| Product Name | Model Numbers | Firmware version |
|---------------------------------|---|---|
| Desigo DXR2 Automation Stations | DXR2.Ex ¹ x ² - x ³ , DXR2.Mx ¹ x ² - x ³ , where: x ¹ is 18, 11, 12, 10, 9 x ² is null, P, PX, T x ³ is 101A, 101B, 102A, 102B DXR2.E17C, DXR2.E17CX | FW=01.21.50.128;WPC =1.7.10;SVS- 300.4:SBC=13.22; |

Device Profiles

| Profile | Model Numbers |
|--|---------------|
| BACnet Advanced Application Controller (B-AAC) | 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-A | DS-WPM-A |
| | WritePropertyMultiple-B | DS-WPM-B |
| | Change Of Value-A | DS-COV-A |
| | Change Of Value-B | DS-COV-B |

| | | |
|------------------------------|-------------------------|-----------|
| Alarm and Event Notification | Notification-A | AE-N-A |
| | Notification Internal-B | AE-N-I-B |
| | Acknowledge-B | AE-ACK-B |
| | Alarm Summary-B | AE-ASUM-B |
| | Enrollment Summary-B | AE-ESUM-B |
| | Information-B | AE-INFO-B |
| | Event Log-Internal-B | AE-EL-I-B |

| | | |
|------------|------------|-----------|
| Scheduling | Internal-B | SCHED-I-B |
|------------|------------|-----------|

| | | |
|----------|---|-----------|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-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-B | DM-TS-B |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B |
| | Restart-B | DM-R-B |
| | List Manipulation-B | DM-LM-B |

Object Type Support

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

Data Link Layer Options

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

Character Set Support

| |
|-------------------|
| ISO 10646 (UTF-8) |
|-------------------|