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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 (BTL-30073)

| Vendor | | Listing Status |
|---|---|---|
| Johnson Controls Systems & Service GmbH<br>Westendhof 8<br>45143 Essen<br>Germany | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of November 2014 | Revision 12 | September 2016 |

| Product Name | Model Number(s) | Software Version |
|---|---|---|
| Open Data Server | MS-ODS25K-X,<br>MS-ODS25KSQL-X | 8.1.0.2227 |

## Device Profiles

| Profile | Model Numbers |
|---|---|
| BACnet Operator Workstation (B-OWS) | All models |

## BIBBs Supported

| | | |
|---|---|---|
| | 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 |
| Data Sharing | WriteProperty-B | DS-WP-B |
| | WritePropertyMultiple-A | DS-WPM-A |
| | WritePropertyMultiple-B | DS-WPM-B |
| | COV-A | DS-COV-A |
| | View-A | DS-V-A |
| | Modify-A | DS-M-A |
| | COV Unsubscribed-B | DS-COVU-B |

| | | |
|---|---|---|
| Alarm and Event Management | Alarm and Event-Notification-A | AE-N-A |
| | Alarm and Event-ACK-A | AE-ACK-A |
| | Alarm and Event-Alarm Summary-A | AE-ASUM-A |
| | Alarm and Event-View Notifications-A | AE-VN-A |
| | Alarm and Event-View and Modify-A | AE-VM-A |
| | Alarm and Event-Alarm Summary View-A | AE-AS-A |

| | | |
|---|---|---|
| Scheduling | Scheduling-View and Modify-A | SCHED-VM-A |
| | Scheduling-Weekly Schedule-A | SCHED-WS-A |

| | | |
|---|---|---|
| Trending | Trending-View-A | T-V-A |

| | | |
|---|---|---|
| Device and Network 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 |
| | ReinitializeDevice-A | DM-RD-A |
| | ReinitializeDevice-B | DM-RD-B |
| | Automatic Device Mapping-A | DM-ADM-A |
| | Automatic Network Mapping-A | DM-ANM-A |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | Manual Time Synchronization–A | DM-MTS-A |
| | Time Synchronization-A | DM-TS-A |
| | Time Synchronization-B | DM-TS-B |
| | UTC Time Synchronization-A | DM-UTC-A |
| | UTC TimeSynchronization–B | DM-UTC-B |
| | Backup and Restore-B | DM-BR-B |
| | Restart-B | DM-R-B |
| | List Manipulation-A | DM-LM-A |
| | List Manipulation-B | DM-LM-B |

## Object Type Support

| | | |
|---|---|---|
| Device | File | |

## Data Link Layer Options

| Media | Options |
|---|---|
| BACnet/IP (Annex J) | BBMD |

## Character Set Support

| |
|---|
| ISO 10686 (UTF-8) <br> Microsoft DBCS Code Page 932 (Japanese Shift JIS) <br> ISO 10646 (UCS-2) |