BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International (BI). BTL is a registered trademark of BI.

# 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 |
|---|---|
| Cylon Controls Ltd<br>Clonshaugh Business and Technology Park<br>Clonshaugh, Dublin 17<br>Ireland | Listed Product |

| Test Requirements | BACnet Protocol Revision | Date Tested |
|---|---|---|
| Requirements as of August 2012 | Revision 7 (135-2008) | July 2011 |

| Product Name | Model Number(s) | Software Version |
|---|---|---|
| VIPER AX Supervisor | 1STMS001, 1STMS010 | 3.6.35 |

## Device Profiles

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

## BIBBs Supported

| | | |
|---|---|---|
| | ReadProperty-A | DS-RP-A |
| | ReadProperty-B | DS-RP-B |
| | WriteProperty-A | DS-WP-A |
| | WriteProperty-B | DS-WP-B |
| | ReadPropertyMultiple-A | DS-RPM-A |
| Data Sharing | ReadPropertyMultiple-B | DS-RPM-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 |

| | | |
|---|---|---|
| Alarm and Event Management | Alarm and Event-Notification-A | AE-N-A |
| | Alarm and Event-ACK-A | AE-ACK-A |
| | Alarm and Event-Information-A | AE-INFO-A |
| | Alarm and Event-View Notifications-A | AE-VN-A |
| | Alarm and Event-View and Modify-A | AE-VM-A |
| | Alarm and Event-Advanced View Notifications-A | AE-AVN-A |
| | Alarm and Event-Alarm Summary View-A | AE-AS-A |

| | | |
|---|---|---|
| Scheduling | Scheduling-View and Modify-A | SCHED-VM-A |

| | | |
|---|---|---|
| Trending | Trending-View-A | T-V-A |
| | Trending-Automated Trend Retrieval-A | T-ATR-A |

| | | |
|---|---|---|
| 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 |
| | Automatic Device Mapping-A | DM-ADM-A |
| | Automatic Network Mapping-A | DM-ANM-A |
| | Automatic TimeSynchronization-A | DM-ATS-A |
| | Manual TimeSynchronization-A | DM-MTS-A |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | TimeSynchronization-A | DM-TS-A |
| | TimeSynchronization-B | DM-TS-B |
| | UTC TimeSynchronization-A | DM-UTC-A |
| | UTC TimeSynchronization-B | DM-UTC-B |
| | List Manipulation-A | DM-LM-A |
| | List Manipulation-B | DM-LM-B |

## Object Type Support

| | | |
|---|---|---|
| Device | | |

## Data Link Layer Options

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

## Networking Options

| Networking Functionality | Media |
|---|---|
| Router | BACnet/IP (Annex J) – Ethernet |

## Character Set Support

ANSI X3.4
ISO 10646 (UCS-2)