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Chair, ASHRAE SSPC 135
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BACnet™

Standards Development

Mission

To maintain and enhance the ANSI/ASHRAE Building Automation and Communication Protocol (BACnet).

Members

The formal standards committee is comprised of 13 voting members, and 13 voting members, 11 non-voting members, 3 international liaisons, and 2 ASHRAE liaisons.

The Standard

The BACnet standard was developed by the ANSI/ASHRE SSPC 135 (aka *The BACnet Committee*) from 1987 through 1995.

Adoption

In 2003, it was adopted by ISO. In addition has been adopted as the national standard for building automation in more than 30 countries including all of countries of the European Union, Korea, Russia, and Japan.

Products

Commercial HVAC products using BACnet are available from all of the major HVAC controls vendors and most of the tier 2 vendors as well. There are products available that cover all levels of controllers from the smallest sensors, to the most powerful workstations and building controllers

Testing

BACnet International has developed and deployed a BACnet testing and listing program based on the tests from ANSI/ASHRAE 135.1.

BACnet Interest Group Europe has deployed a certification program based on the BACnet International's program.



BACnet[™]

Future Directions

Smart Grid

Protocol neutral specification following the *ASHRAE SPC201P Facility Smart Grid Information Model*.

Integration

Adding in support for the elevator market.

Cyber-
Security

Adding in standardized Audit Logging.

Moving
Forward

Improvements in adoption of Internet technologies.