



## More commitment to integration

Other systems may come with claims of BACnet conformance, but without the backing of a real commitment to integration. APOGEE BACnet solutions conform to the BACnet standard, ASHRAE 135-2004, and prove adherence with BTL (BACnet Testing Laboratories) certification, plus real-world integration experience with a wide array of protocols, systems and devices.

Siemens Building Technologies brings you years of experience with BACnet integration, and active participation in the BACnet standard initiatives, including SSPC-135, BACnet International and BTL. We have been integrating systems using both standard and proprietary protocols since 1991.

You can order our Automation Level Network Controllers and Insight software with the BACnet protocol. This provides the ability to exchange information with a wide range of BACnet devices in a system, including products from many leading automation and control companies, with minimal configuration time.

Application-level information exchange with BACnet devices means more control functionality.

- Read/write to analog and binary objects.
- Alarming and alarm acknowledgement through notification class objects.
- Trending through the trend log object.
- Scheduling with the calendar and schedule objects.

### More features for facility management.

#### Advanced Applications

Insight features and functions include Scheduler, Alarm Management, Data Trending, and so much more. Insight also has animated graphics and an expanded library of symbols and templates.

#### Information Management

InfoCenter Suite® automates the process of archiving, collecting, managing and reporting facility information.

#### Remote Notification

The RENO Remote Notification Option for Insight® allows enunciation of Insight Alarm, Status, and System Event information to various notification devices such as pagers, e-mail and phones.

#### Web Access

APOGEE GO® allows operations staff to access the system from anywhere. When it is combined with standard protocol integration solutions, staff can monitor a huge variety of equipment with one Web site connection.

Siemens Building Technologies, Inc.  
1000 Deerfield Parkway  
Buffalo Grove, IL 60089  
USA  
Tel: (847) 215-1000  
Fax: (847) 215-1093

Siemens Building Technologies, Ltd.  
2185 Derry Road West  
Mississauga, Ontario L5N 7A6  
Canada  
Tel: (905) 819-5800  
Fax: (905) 819-5805

Siemens Ltd.  
Siemens Building Technologies  
Building 31, Ground Floor  
885 Mountain Highway  
Bayswater, Victoria 3153  
Australia  
Tel: 61 3 9721 2000  
Fax: 61 3 9720 9966

Siemens Building Technologies  
(Tianjin) Ltd.  
27th Fl., Jiushi Tower  
28 South Zhong Shan Road  
Shanghai 200010, PRC  
Tel: 86 21 3889 3889  
Fax: 86 21 6330 6227

Siemens Ltd.  
Units 1006-10 China Resources Building  
26 Harbour Road  
Wanchai, Hong Kong  
Tel: 852 2870 7888  
Fax: 852 2407 4457

Siemens Ltd. Seoul  
10th Fl., Asia Tower Building  
726 Yeoksam-dong, Kangnam-gu,  
Seoul 135-719, Korea  
Tel: 82 2 3450 7404  
Fax: 82 2 3450 7499

Siemens Pte Ltd  
Building Technologies  
The Siemens Center  
60 MacPherson Road  
Singapore 348615  
Tel: 65 6490 7882  
Fax: 65 6490 7883

Siemens Limited Taiwan  
8F, No.3, Yuan Qu St  
Nan Gang District  
Taipei, 115 Taiwan, R.O.C.  
Tel: 886 2 2652 8888  
Fax: 886 2 2652 8824

Siemens Malaysia Sdn Bhd  
Level 1 Reception, CP Tower  
11, Section 16/11  
46350 Petaling Jaya  
Selangor Darul Ehsan  
Malaysia  
Tel: 6 03 7952 5555  
Fax: 6 03 7955 1155

#### About BACnet

BACnet is a standard protocol originated and supported by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) and accepted as an ASHRAE and ANSI standard for the HVAC control industry. In the application layer, BACnet defines a device, objects within a device, properties of the objects, and services that act upon an object or property. BACnet International and the BACnet Testing Lab (BTL) continually address BACnet interoperability testing. Siemens Building Technologies is a BACnet International founding member.

[www.usa.siemens.com/apogee](http://www.usa.siemens.com/apogee)

© Copyright 2008 Siemens Building Technologies, Inc. All rights reserved. Printed in the USA. 153-907P10 (12/08)  
APOGEE, APOGEE GO, Insight, and InfoCenter Suite are registered trademarks of Siemens Building Technologies, Inc. APOGEE Anywhere is a trademark of Siemens Building Technologies, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. Modbus is a registered trademark of Schneider Electric. BACnet is a registered trademark of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). OPC is a trademark of the OPC Foundation. LonWorks, LonMark, and LonTalk are registered trademarks of Echelon Corporation. Other products and company names herein may be the trademarks of their respective owners.

## APOGEE native BACnet solutions

**APOGEE® BACnet® network solutions bring more power and flexibility to your building automation system — now and into the future.**

Answers for Infrastructure.

**SIEMENS**



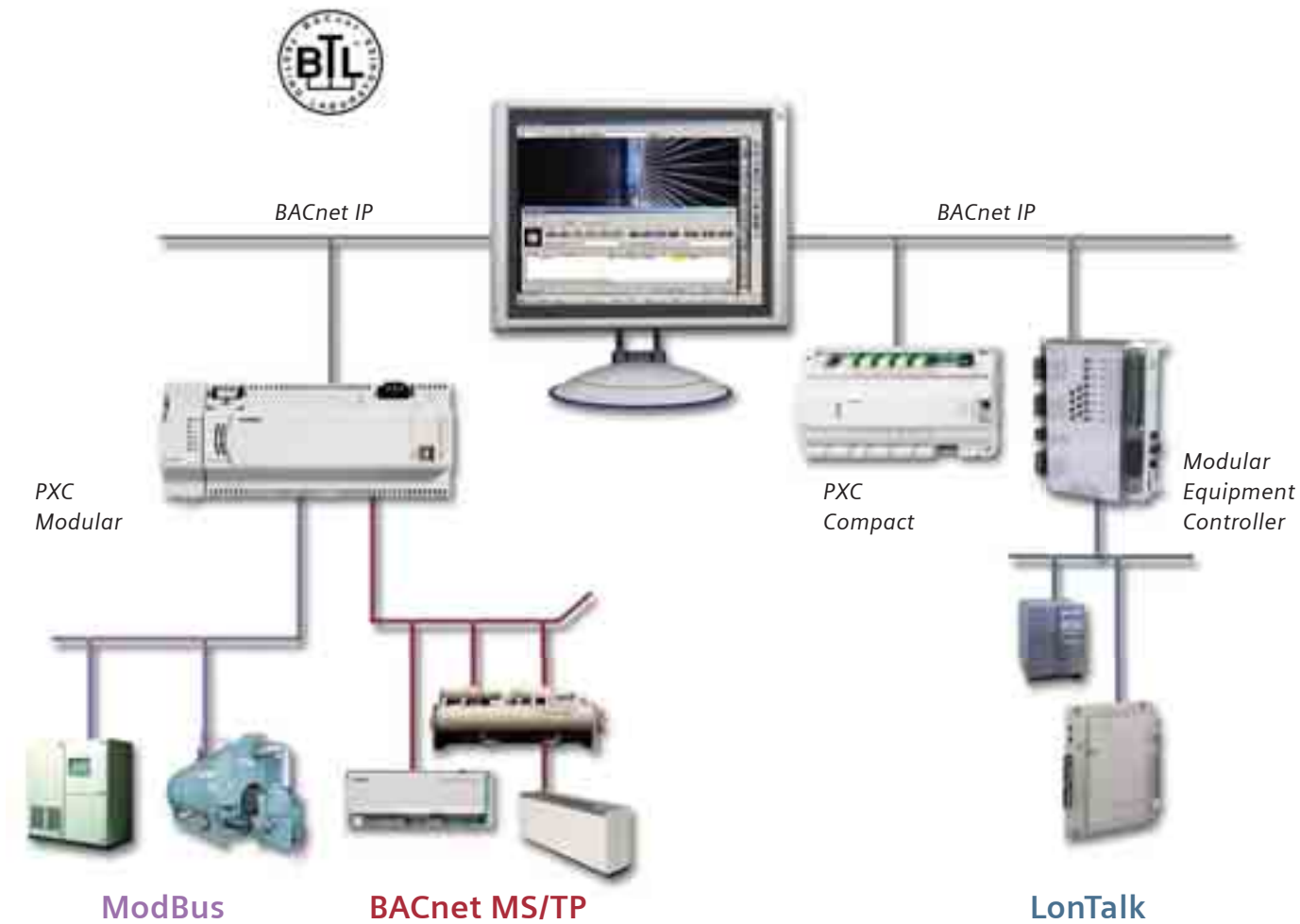
## APOGEE BACnet solutions deliver more

By integrating with the APOGEE system, you leverage your investment in a single system interface with unlimited power.

The APOGEE® Automation System and its native BACnet solutions allow you to unleash powerful control features for a wider range of building automation possibilities. In addition, you realize cost-effective integration solutions through a versatile open system architecture. You can control all key equipment from one workstation to increase staff productivity, reduce training expenses, improve diagnostic capabilities, and more.

As part of our open protocol offerings, our BACnet-based MEC, PXC controllers, and Insight® control software provide a powerful open system platform. The APOGEE system also includes a full range of BACnet MS/TP Field Level Network controllers. You benefit from comprehensive BACnet implementation and from the high performance system integration capability offered only by Siemens Building Technologies, Inc.

## Native BACnet Broad integration power All standard protocols



## More options

We offer integration options for a wide array of proprietary and standard protocols, in addition to BACnet.

### OPC

Commands current values of OPC items, setpoint changes, and equipment control values.

### Modbus

Supports both the Modbus RTU and Modbus TCP protocols for versatility in monitoring and commanding Modbus-enabled devices.

### LonTalk/LonWorks

Integrates LONMARK-compliant devices for alarming, trending, scheduling, customized programming and more, in Insight.

### Proprietary Protocols

Supports a variety of engineered Integration Driver solutions to migrate legacy systems to BACnet.

