

We Make Buildings Work

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Smart Building Control Systems

**ALERTON**<sup>®</sup>  
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**ALERTON**<sup>®</sup>

# We Make Buildings Work.



**Alerton is totally committed to help you derive the best performance from your buildings.**

## **Setting new benchmarks in building automation technology.**

Alerton is a pioneer and an industry leader in providing building management solutions for heating, ventilation and air-conditioning equipment for all types and sizes of buildings. We also help simplify building management by integrating fire, life safety, lighting, access management and other building systems.

Alerton has led the industry in providing products based on a standard communication protocol to give building owners flexibility in their building solutions. We were the first to pioneer Direct Digital Controls (DDC) technology, the first to offer a Windows®-based operator's workstation, the first to offer an intelligent zone sensor, the Microset™, and the first to offer a top-to-bottom "native" BACnet® system.

## **Not just products, but complete and flexible solutions**

Our Envision for BACtalk product line is designed to deliver complete yet flexible solutions. We offer customized software packages that enable you to meet your specific application, monitoring and control needs. Our solutions let you provide optimal comfort levels while using the least amount of energy. And they provide you with the information and control you need to make better decisions.

We're proud of our reputation for making extremely easy-to-use software. Our 3-D graphics are powerful, visual and intuitive and provide complete control at all system levels, from the powerful, graphical operator workstation to the simplest of field controllers.

This makes it easy to optimize your building's performance.

## **Mastering Real Time Building Economics Together**

Our vision statement "Mastering Real Time Building Economics Together" demonstrates our commitment to collaboration and providing customized solutions tailored to your building's unique needs in the most economical way. All of our products are designed to lead the industry in being cost-effective as well as dramatically improving energy efficiency and tenant comfort. In addition, we design our products to be easy to install, use, maintain, and service. These factors all help ensure that you're making the best financial decision when you choose Alerton. We are experts at your building's economics. From installation to commissioning, all of our building control solutions run your facility using minimal energy while generating the maximum return on your investment.



**We owe our success to focusing on the things that mean the most to our customers.** Our control products are robust, easy to use and innovative. That's because we've spent a lot of time listening to you. We know that the most important things to you are service and support, reliability and value.

**Service and Support :** We have a worldwide network of system integrators who are committed to providing you with the best service and support along with easy-to-use solutions to make your buildings work. Each of our dealers has completed our thorough factory-training program. Our experienced instructors have created a curriculum using extensive hands-on training to increase your representative's efficiency and knowledge in the engineering, programming, installation and commissioning of Alerton building systems. Our commitment to service and support connects the resources you need to make your buildings work.

**Reliability :** We focus on designing and building innovative products, but we will never sacrifice ease of use or reliability. We understand what matters to you is that your controls work. That's why we build in advanced functionality that's easy for your people to use. Another example of our commitment to reliability is demonstrated by our backward compatibility with former product generations.

**Value :** We know that value means a great deal to you. That's why we've designed our products to integrate easily into other building systems such as fire/life safety, security, lighting and other controls. Our dealers have the skills and know-how to offer fully integrated, fully interoperable systems. System integration with Alerton means you are combining the best third-party controls with unparalleled building automation systems and support.

**Our network of system integrators plays a vital role in making sure you get the most from your building control system. Our clients appreciate knowing they have someone there to help throughout planning, installation and beyond.**

### Management Level

From virtually anywhere in the world, you can monitor and control your buildings with our easy-to-use graphical software, Envision™ for BACtalk®. Use three-dimensional animation and full-color graphics to access real-time data and energy management features. As-built drawings, floor plans and specific graphics of HVAC equipment can be customized for each site. The flexibility of BACnet® allows connection to local area networks and the Internet.

### Integration Level

Historical data is easily searchable through a list of predefined reports and comprehensive ad-hoc reporting capabilities. Export results to commaseparated value (CSV) format or standard PDF format using flexible report styles to customize report layouts.

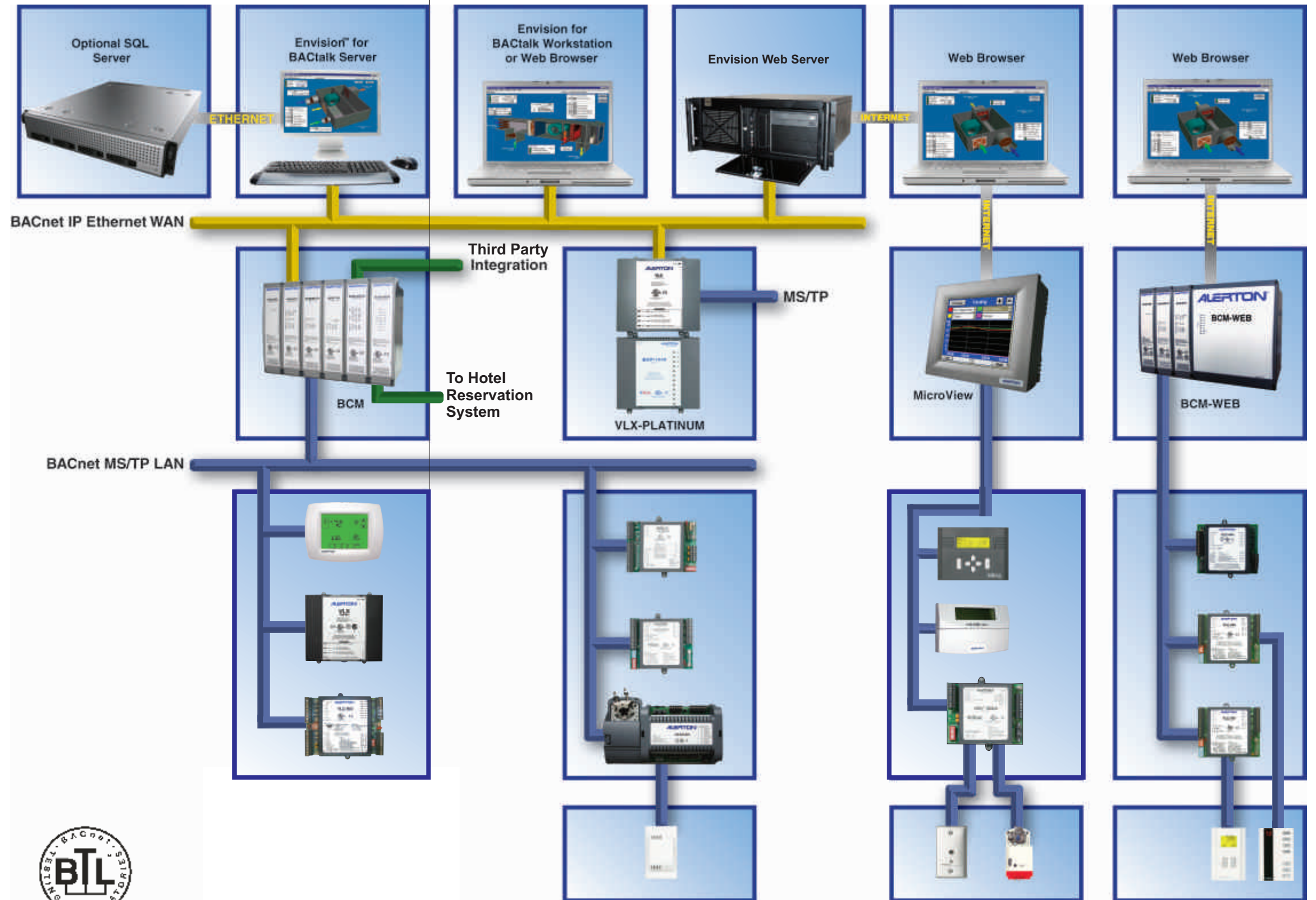
### Field Controller Level

Alerton offers an entire family of intelligent, native BACnet logic controllers. Each controller is programmable to support a range of applications, from complex air handling units to terminal unit devices such as VAV boxes, heat pumps and air conditioning units. All of our BACnet controllers use Alerton's intuitive, graphical DDC programming language, VisualLogic.®

### Sensor/Actuator Level

Unique sensors like Alerton's Microset™ can serve as both tenant control centers and field service tools. The system also supports traditional sensors and actuators used in building automation.

BACtalk®Architecture



Alerton's 100% native BACnet system is already working throughout thousands of buildings just like yours.



## Optimising performance & control in Commercial Office Buildings and Public Infrastructure

- Open Protocol Integration with Other Building Systems
- Energy Conservation Demand • Limiting/Utility Management • Tenant Billing • Wide-Area Network/IP Support • Web Access • Lighting Control • Irrigation Control • Security/Access/CCTV Integration • Fire/Life Safety Integration UUKL Smoke Control



## Serving Healthcare Facilities for More Than 25 Years

- Energy Management • Patient Comfort Automation • Operating Room Control • Isolation Room Control • Emergency/Critical Systems Monitoring • Fire/Life Safety Integration
- Security/Access/CCTV Integration • Audio-visual Nurse Call Monitoring • Maintenance Personnel Radio Paging



## Flexible, energy efficient solutions for hospitality

- Temporary Housekeeping Override • Optional Front-Desk Interface with Guest Rooms • DDC Temperature Control for Guest Comfort and Control • Energy Consumption is Limited by Demand Control and Operator Strategies
- Improved Facility Management and Labor Utilization • Lower Operating Costs • Easy to Read and Operate Thermostat Complies with Americans with Disabilities Act (ADA) • Optional Wireless In-Room Capabilities, including Motion Sensor, Entry Door and Lanai Door Monitoring • Built-in Room Humidity Monitoring • Optional Monitoring of Mini-Bar, Windows, Lighting and More • Interfaces with Central Plant, Other Common Area HVAC, Lighting and More • Integration of Site-Wide Energy Management and Control Strategies • Complete Facilities Control • Remote and Local Troubleshooting through Web Access