

**ALERTON®**

## BACtalk® Architecture

WE MAKE BUILDINGS WORK.

**BACnet's open protocol is great on paper.  
Our job is to make it work in your buildings.**

**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**

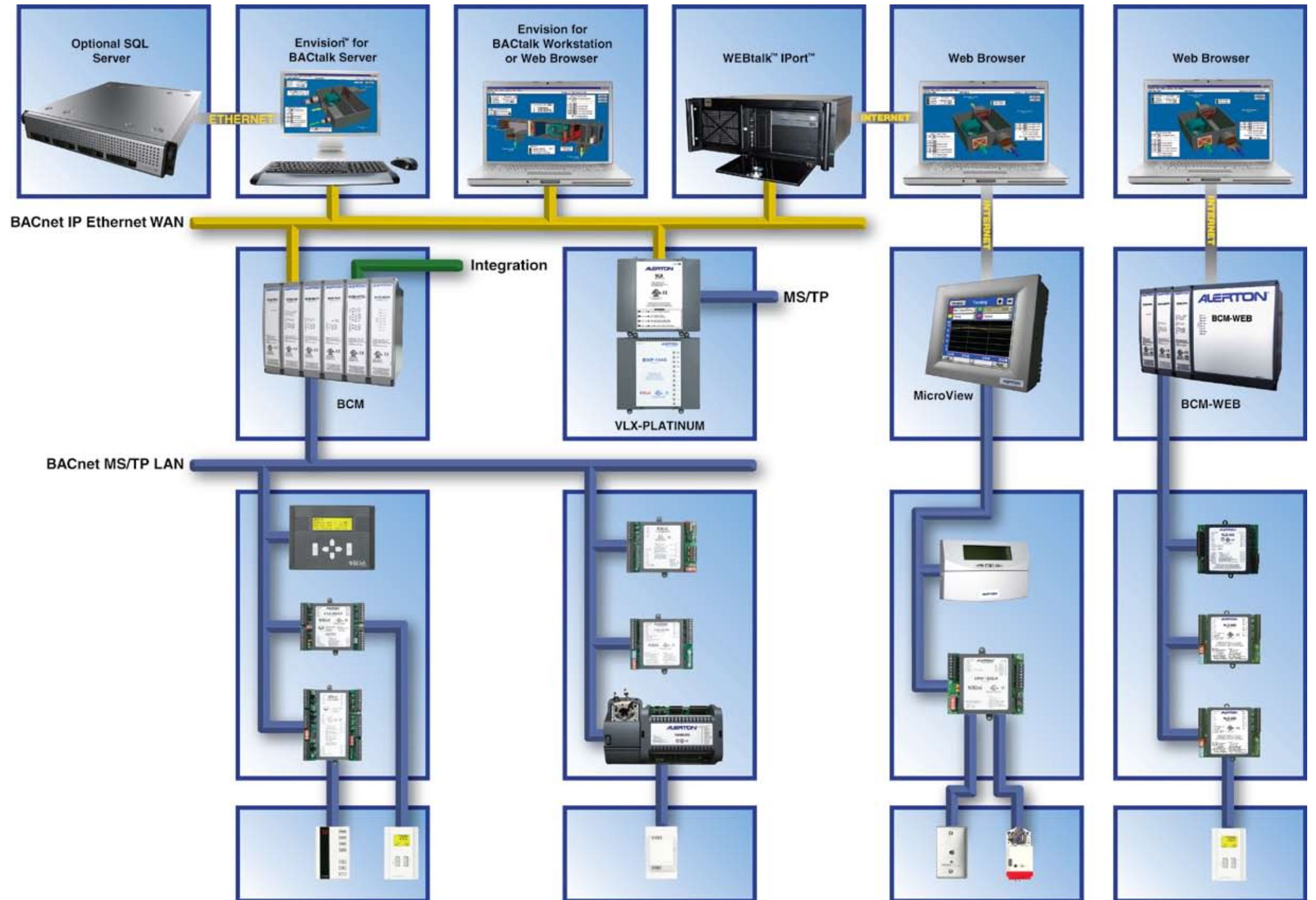
Historical data is easily searchable through a list of predefined reports and comprehensive ad-hoc reporting capabilities. Export results to comma-separated value (CSV) format or standard PDF format using flexible report styles to customize report layouts.

**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.



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

## BACTalk® Architecture

BACTalk is found in thousands of building types around the globe including healthcare, commercial office, college and university, K-12, government, hospitality, airports and industrial. Below are just a few satisfied customers with BACTalk solutions from Alerton.



### **City of Tucson**

City of Tucson properties include 25 sites in 40 buildings spread across the northern Sonoran Desert. Alerton integrated a new, open protocol solution with a large amount of existing, aging, proprietary equipment, enabling the City to expand its building controls system at a competitive price.



### **Scottsdale Unified School District**

The Scottsdale Unified School District has 33 schools serving nearly 26,000 students. The majority of the District's buildings feature an Alerton BACTalk EMS system including; 10 Elementary Schools, 6 Junior High Schools, and 4 High Schools. The Alerton BACTalk systems are networked through the District's WAN/LAN.



### **Columbia Center**

At 76 stories high with 1.5 million square feet of space, Columbia Center is downtown Seattle's tallest building. Energy efficient Alerton controls—integrated with third-party systems including fire and life safety—enable the Center's facilities manager to track tenants' after-hours usage and enjoy significant savings in costs and usage.



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