



Office

Company: Westco Systems, Inc.

Profile: Mechanical Contractor with BAS Division

End User: Colorado State Patrol

The facility was operating with an antiquated Carrier VVT automation system that no longer met performance expectations due to hardware failures and system age. The objectives were to:

- **Modernize** the legacy VVT system with intelligent BACnet Strato controls
- **Improve** tenant comfort and climate consistency
- **Reduce** energy consumption and operating costs

Key Numbers

- **Square footage:**
 - 7,100 sq. ft.
- **Devices:**
 - 1 OCN+,
 - 2 OCRs,
 - 2 BP848s,
 - 17 BZ122,
 - 2 BZ424.

The Solution

Westco Systems delivered a **complete Strato ecosystem**, from the OCN+ server down to the end controllers, modernizing the legacy VVT system with a single, unified platform.

- Integration of **new rooftop** units with factory-provided BACnet interface
- **Smart space** sensors with local setpoint control
- **Custom automation** strategies to improve reliability and efficiency

Why Strato?

Westco Systems chose Strato Automation because it offered a fully integrated approach, one ecosystem, one partner:

- **Seamless integration** with existing and new equipment
- **Energy-efficient** BACnet automation platform
- **Smart sensors** for occupant comfort
- **Scalable, flexible** solutions tailored to building needs
- **Complete system** from server to controller for seamless operation and support

Results & Benefits

End-to-end efficiency: full control from OCN+ server to each terminal device

Energy savings: measurable reduction in HVAC energy use

Improved comfort & air quality for occupants

Enhanced reliability & uptime

Fewer service calls thanks to modernized automation

When it came time to modernize the VVT controls at Colorado State Patrol, Strato Automation's complete VVT solution was the clear choice. Simple to configure, fast to deploy, and designed for retrofits, it delivered immediate improvements in efficiency and comfort.

Todd Lee, Automation Engineer

www.westcobas.com