



**Rod White, Chief Mechanical Engineer
Buckley Air Force Base**

The former home of the Colorado Air National Guard, Buckley has been transformed into a fully operational Air Force base, home of the 460th Air Base Wing, as well as the 140th wing of the Colorado Air National Guard and 42 other units.

Any number of control systems look good on paper. The question is, Will they *really* do the job?

Case Study: Buckley AFB Aurora, CO

Delta Partner:
Setpoint Systems Corporation

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Unique problems to solve: An old World War II base, Buckley had 100-plus buildings in various stages of disrepair. Often buildings had stand-alone systems; many had no building controls whatsoever.

There were at least eight different control systems in place, none of which could “talk” to one another. The Air Force’s goal was to tie everything to a single central control station to monitor the entire base.

System solution: After researching control systems at bases throughout the country, Buckley chose Delta Controls. Deciding factors included 3-D animated graphics, system reliability and ease of use. In Phase One of the base’s upgrade, Setpoint Systems installed Delta Controls in 14 buildings, including office spaces, hangars, HQ buildings, shops, work areas, fitness areas and the cafeteria.

Results: According to Rod White, utilizing Delta Controls’ BACnet® system has balanced base performance for the first time. The Delta Controls’ system is much easier to understand, maintain and control. This means much less repair work for the staff. With HVAC working so well, the next step is to incorporate Access, Lighting and Irrigation. Rod calls the experience “one of the best projects I’ve ever been associated with.”