



School Finds BAYweb Internet Thermostats Key to Energy Savings

The Customer

Rutgers Preparatory School, in Somerset, New Jersey, is an independent coeducational college prep school for pre-kindergarten through grade 12. Campus building space encompasses 162,841 gross square feet, with approximate 670 students enrolled at the school.

The Challenge

The school had a goal to reduce energy usage and associated costs. A related concern involved unauthorized people making frequent, major adjustments to the building thermostats. The extreme temperature modifications usually remained in place over long weekends, snow days, even vacations, wasting more energy and straining HVAC equipment.

Prerequisites for a solution included ease of use and reliability. The school devoted three years to research all available options. Rutgers' facility manager, a retired microelectronics engineer, researched and tested those options.

The Solution

Ultimately, Rutgers chose BAYweb thermostats over the competition, determining BAYweb to be "well thought out with a superior level of control, reporting, and measurement capabilities." BAYweb was found to be more economical and easier to use and install than the competitors.

Since installing BAYweb thermostats, Rutgers has identified at least a 20 percent savings in energy costs! And, has achieved added savings through the ability to monitor multiple points and components. Rutgers is very pleased with BAYweb System reporting tools, and the ability to identify an HVAC problem before becoming an emergency.

Key Technologies and Implementation

- Reliability and ease of use.
- Inclusive, relevant system health and efficiency reports with graphical data.
- Control one-to-thousands of heating and cooling units at the same time.
- Increased visibility, access, and unlimited temperature control through BAYweb Cloud EMS Internet monitoring and alerts, accessible from a smartphone, tablet or laptop.

Customer

- Rutgers Preparatory School

Challenge

- Saving energy while keeping students and employees comfortable
- No centralized control or monitoring of HVAC equipment at multiple locations
- Ease of installation

Solution

- BAYweb Professional thermostats and Cloud EMS
- Building temperatures can be adjusted and monitored from a smartphone, tablet, or PC

Key Technologies

- Cloud EMS remote control and monitoring
- Control multiple HVAC units
- Remote temperature sensors for different temperature zones
- Ease of installation and use



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