

VENSTAR®



PIXLEY UNION SCHOOL DISTRICT MANAGES ENERGY USAGE THANKS TO VENSTAR THERMOSTATS WITH SKYPORT APP

Case Study Overview:

Based in the town of Pixley in Central California, the Pixley Union School District (USD) is comprised of an elementary school and a middle school that together serve 861 students. Using Venstar's ColorTouch thermostats remotely controlled by Venstar's free Skyport App, Joel Munoz, the district's director of maintenance and operations, is able to remotely manage thermostats at the classrooms and other school district locations.

CHALLENGE: Remotely Manage HVAC Systems, Reduce Energy Usage

Prior to adopting the Venstar ColorTouch solution with Skyport, Munoz was managing outdated thermostats that had no scheduling ability, resulting in heating and air conditioning running when classrooms were unoccupied, unnecessarily driving up energy costs and putting extra wear and tear on the HVAC equipment.

About Skyport

Venstar's free Skyport Cloud Services allow users of Venstar's Wi-Fi® thermostats to use Venstar's free Skyport Mobile App on their Apple iOS® and Android™ mobile devices or directly from the Web to instantly access and control multiple thermostats at numerous locations from virtually anywhere.

About ColorTouch

ColorTouch Commercial models offer 365-day programming or can be used as nonprogrammable thermostats. They include security features and setpoint limiting. ColorTouch can remotely control, monitor or average temperatures with remote sensors.

“I love Venstar's Skyport App that lets me remotely manage all of the thermostats from my office or mobile phone and make changes without physically accessing each thermostat.”

— Joel Munoz, Director of Maintenance and Operations, Pixley USD



For more information on Venstar thermostats, scan the QR code.

SOLUTION: Venstar's ColorTouch and Explorer Thermostats with Skyport App

Munoz installed nearly 100 Venstar thermostats at the two schools as well as the district offices and additional support buildings. By using Venstar's Skyport App, he can now remotely control all or groups of thermostats from his desktop computer or mobile phone. The ColorTouch (T8850) thermostats ensure indoor comfort in the classrooms, offices and computer server rooms. In addition, Venstar's Explorer Mini thermostats are installed in the restrooms to run auxiliary fans and lighting.

Using the Venstar thermostats with Skyport, the school district gains many benefits, including:

- **Reduced Energy Usage.** By scheduling HVAC equipment runtime, the school district significantly reduced energy usage and costs.
- **365-Day Scheduling.** Using the Skyport app, the thermostat is scheduled to coordinate with the school calendar, ensuring that the HVAC equipment runs only when the schools are occupied.
- **Remote Management.** With Skyport, authorized users can remotely access, control and troubleshoot HVAC issues.
- **Classroom Communication.** Using Skyport, messages can be broadcast to the thermostats to inform teachers and students about upcoming safety drills as well as to commend students for extraordinary accomplishments.
- **Auxiliary Usage.** Additional devices, such as lights and even restroom exhaust fans, are also controlled with the Explorer Mini.

“With Venstar's global control feature, I can change building temperatures campus-wide anytime there is an unscheduled event.”

*— Joel Munoz, Director of Maintenance and Operations
Pixley USD*

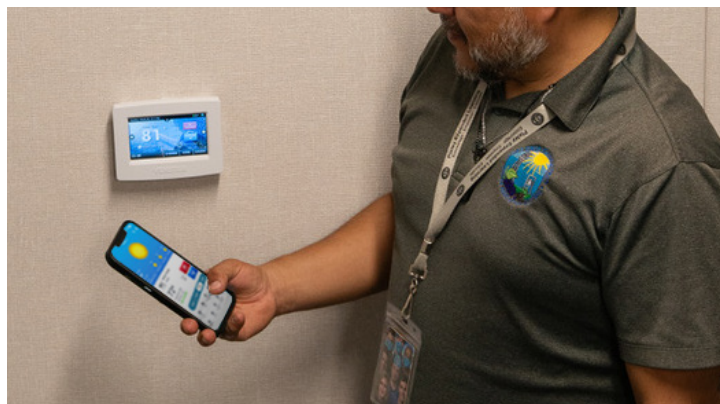
RESULTS: Remote Management to Maintain Indoor Comfort

Munoz is thrilled with the ease of use and programming ability of the Venstar thermostats. Together with Skyport, the Venstar thermostats empower him to remotely manage the indoor comfort of the classrooms and offices. Benefits include:

- Manage and reduce energy usage and costs
- Access supply air temperatures to ensure equipment is working
- Schedule thermostat runtimes for 365 days per year
- Make changes for all thermostats in groupings
- Control exhaust fans and lighting, eliminating third-party controllers

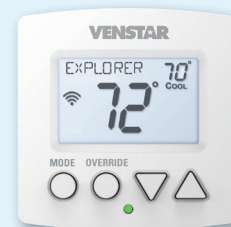
About Pixley Union School District

Pixley Union School District (USD) is located in Pixley, California in the southern San Joaquin Valley of California's Central Valley, one of the world's most affluent agricultural areas. The District's enrollment is in two schools, Pixley Elementary (K–5) and Pixley Middle School (6–8). Pixley USD is the community's learning, social and recreational hub and go-to resource for school and community needs.



About Explorer Mini

Venstar's Explorer Mini commercial and residential programmable Wi-Fi thermostats are the most affordable Wi-Fi thermostats on the market. Just 3.2 inches wide by 3.2 inches high and less than an inch deep, Explorer Mini thermostats help save energy and improve indoor comfort while taking up less wall space.



About Venstar

Venstar, founded in 1992 and based in Southern California, designs and builds a broad variety of innovative thermostats with more than 10 million installed. The company's Surveyor® Energy Management System allows retailers, restaurant chains and other multi-location businesses to remotely monitor, manage and control energy consumption while reducing maintenance expenses. Currently, Surveyor is used to control more than 100,000 HVAC systems and building lighting in more than 30,000 retail locations throughout North America. Venstar's Skyport Cloud service provides businesses a secure and private powerful cloud service for command and control of HVAC systems from anywhere in the world. Venstar is a wholly owned business unit of Daikin Comfort Technologies North America, Inc. (Daikin), a subsidiary of Daikin Industries, Ltd. (DIL), the largest manufacturer of HVAC systems worldwide.



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