



Park System Saves Time with BAYweb Remote HVAC Operation

The Customer

Located to the northeast of Washington, DC, the Prince George's County Department of Parks and Recreation encompasses approximately 27,000 acres of parkland. The park system operates numerous buildings; among them are six senior centers, 27 neighborhood recreation buildings, and 43 community centers.

The Challenge

Many of the park's buildings are available to the public to rent for events. The ever-changing building occupants would inappropriately adjust the heating and cooling, or call the maintenance department to report perceived, but non-existent problems. As a result, park maintenance personnel would need to run to the buildings to investigate the alleged problem or to readjust the temperature settings. This resulted in unnecessary overtime costs and a lot of wasted time. The Department of Parks and Recreation made it their goal to reduce these costs through better management of the buildings' HVAC systems.

The Solution

Prince George's County Department of Parks and Recreation investigated possible solutions to their problem. After discovering BAYweb thermostats they installed a few units for testing. Right away they recognized substantial savings through the ability to remotely monitor and adjust the thermostats. Shortly thereafter they installed nearly 100 thermostats throughout the different park buildings.

With the BAYweb System in place, the Department of Parks and Recreation cut onsite visits and overtime costs by about 50 percent! Using the BAYweb System, the Department now plans ahead for events and adjusts heating and cooling schedules at a moment's notice.

The Department considers the added energy savings a bonus to the original goal of reducing wasted time and expense on HVAC management. They now plan to install BAYweb thermostats in all remaining buildings.

Key Technologies and Implementation

- Increased visibility, access, and unlimited HVAC control through Internet monitoring and alerts, all accessible from a Smartphone, tablet or laptop.
- Control of one-to-thousands of heating and cooling units simultaneously.
- Easy to install, easy to use.
- Inclusive, relevant system health and efficiency reports with graphical data.

Customer

- Prince George's County Department of Parks and Recreation

Challenge

- No centralized control or monitoring of HVAC equipment at multiple locations
- Saving energy while keeping guests comfortable
- Need to reduce employee overtime costs

Solution

- BAYweb Professional thermostats and Cloud EMS
- Park building temperatures can be adjusted and monitored from a smartphone, tablet or PC
- Reduce overtime costs by almost 50%

Key Technologies

- Cloud EMS remote control and monitoring
- Temperature sensors and Cloud EMS alerting
- Control multiple HVAC units
- Ease of installation and use



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