



The Customer

- Bowl New England, Inc., is the Northeast's largest private, family-owned bowling establishment. With 20 bowling centers across seven states, their facilities encompass 125 heating and cooling units.

The Challenge

- Bowl New England's HVAC service manager noticed customers were adjusting the temperature to extreme levels. Often the HVAC systems were left to run for weeks at inefficient settings. As a result, the HVAC units became overworked causing small, unheeded maintenance problems, leading to unnecessary energy costs.

The Solution

- After evaluating three different internet thermostats Bowl New England chose BAYweb. To prove the effectiveness, Bowl New England compared energy costs of two identical buildings, both built in the 1950s, designed by the same architect. A BAYweb thermostat was installed in one of the buildings while the other retained the original thermostat. **Within six months, Bowl New England saw a 26 percent energy savings in the building with BAYweb!**
- With BAYweb in place Bowl New England set the temperature to 60° when unoccupied. (When occupied, the system brings the temperature up within one hour.)
- BAYweb thermostats alerted Bowl New England's service manager to a bad compressor. Data from the supply temperature sensor showed the bad compressor producing higher than normal temperatures during the cooling cycle. This alert allowed the service manager to repair the compressor in a timely fashion.

Key Technologies and Implementation

- Supply temperature sensors let a user see actual temperatures at the source, allowing quick repairs of any problems before becoming a major, more costly matter.
- Control one-to-thousands of HVAC units at the same time.
- Increased visibility, access, and unlimited temperature control through Internet monitoring and alerts.
- Through Bowl New England's feedback, BAYweb's customer support promptly resolved any small problems to adjust the system when needed.

Business Quickly Realizes 26% Energy Savings with BAYweb

Customer

- Bowl New England

Challenge

- Customers were adjusting room temperatures to extreme settings
- HVAC units became overworked causing problems

Solution

- BAYweb thermostat was installed
- Temperature points were adjusted and set
- Achieved a 26% energy savings

Key Technologies

- Cloud EMS remote control and monitoring
- Cloud EMS keypad lockout tool
- Supply temperature sensors
- Control one to thousands of HVAC units from one location



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