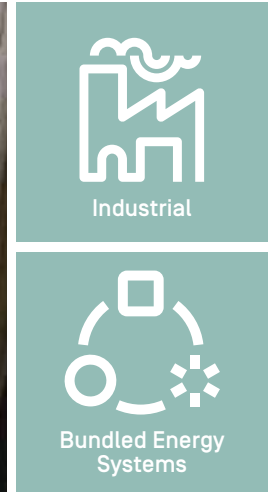


Snyder's Lance, Inc. - Cape Cod®



THE CHALLENGE

Snyder's Lance's existing building automation system was not fully optimized and integrated with all building HVAC equipment, causing inefficiencies and lack of equipment control for staff. Additionally, the existing air conditioning system was outdated and energy intensive, causing significant energy waste.

THE SOLUTION

Snyder's Lance partnered with SmartWatt to implement a bundled energy systems optimization project to improve and optimize the building automation system and mechanical equipment.

- **Building Automation System:** The existing building automation system was optimized to include building startup and shutdown scheduling based on building temperatures, actual and expected occupancy, and temperature and ventilation set points. Additionally, all HVAC equipment was integrated with the building automation system to give facility staff more granular control and achieve deeper energy savings.
- **Mechanical Systems:** New dampers, motors and space thermostat controls were installed on the building's existing air conditioning system to improve efficiency and optimize its performance.
- **Employee Training:** Facility staff were provided detailed on-site training which included proper operating sequence and set points for the newly added and existing mechanical equipment. Technical software use training, advanced programming training and troubleshooting training for the building automation system was also provided within the training session.

THE IMPACT

The optimized building automation system and upgraded air conditioning system helped Snyder's Lance reduce energy consumption and optimize the efficiency of building energy systems.

\$76K / total annual cost savings

Natural gas savings: **\$17K**

Electric savings: **\$60K**

151K / annual kWh savings

Annual natural gas savings: **63K therms**

CO₂ reduction: **227K lbs**