



IoT Energy Optimization

Automate comfort and energy efficiency during shoulder seasons

Solution Overview

Unexpected weather fluctuations can make it difficult to maintain stable building temperatures. Not only can this cause tenant discomfort and inefficient energy use, it can also negatively impact employee productivity and operational costs.

Our IoT Energy Optimization solution leverages the Microsoft cloud to centralize relevant building data with real-time weather updates to proactively recommend and automatically execute boiler plant adjustments designed to meet tenant satisfaction and building temperature requirements while saving money and reducing carbon footprint.

This intelligent and automated IoT-based solution ensures your properties remain comfortable and energy efficient 24/7.

The Value

- Consolidates all building data into one solution with a global view
- Replaces costly and labor-intensive manual activities
- Automates startup and shutdown
- Ingests data from your portfolio of buildings in real time
- Identifies and prevents issues before they occur

The Proof

- Minimizes impact of unexpected and severe weather
- Provides system health, insights, oversight and control
- Optimizes active temperature profiles and adjusts thermostats without user intervention
- Maintains activity history and actions, making the solution smarter over time

The Outcomes

- Enhances tenant satisfaction
- Increases energy efficiency and reduces carbon footprint
- Reduces operational costs and improves productivity
- Ensures compliance with building temperature regulations
- Provides rapid ROI

The IoT Advantage

We've developed our own IoT platform to speed time to value, minimize downtime and disruption, increase user adoption, and ensure security and compliance. Built on Microsoft Azure, our Property-IQ IoT platform offers unique benefits:

- **Data-Driven** — Make intelligent decisions based on real insights
- **Proactive** — Be proactive, not reactive, when it comes to property management
- **Flexible** — Grows with your portfolio and can be used to automate occupancy detection, water monitoring, safety, and other use cases
- **Self-Service** — Register new buildings and equipment and set up new rules
- **Secure** — Implement security best practices and own your own data

Partner With Us

For more than 15 years, we have been a trusted and award-winning Microsoft Gold certified partner who brings an unmatched depth and breadth of industry and technical expertise with the entire Microsoft ecosystem. We have teams around the world with global reach, so we're big enough to help you scale your business, yet focused and local enough to provide customized, personal support.