

Fitness

How Edge Fitness Reduced Energy Use by 14% Across Its Locations

Edge Fitness uses Monaire to monitor and optimize HVAC performance across its fitness centers — reducing energy waste, lowering maintenance costs, and maintaining customer comfort around the clock.



ABOUT THE PROGRAM

Smarter HVAC management for 24/7 fitness facilities

Edge Fitness operates fitness centers where maintaining temperature and humidity around the clock is essential to the customer experience. Monaire gave the facilities leadership team real-time visibility into equipment health, runtime, maintenance, and repairs, while proactively identifying HVAC issues and helping reduce unnecessary energy consumption.

THE CHALLENGE

Rising energy costs and limited equipment visibility were creating unnecessary work

The facilities leadership team lacked visibility into equipment maintenance, runtime, and repairs. Issues were often identified too late, resulting in costly emergency work and unnecessary maintenance effort.

 Limited equipment visibility The facilities team had no centralized visibility into equipment maintenance, runtime, and repairs across locations.	 Late issue detection Equipment problems were often identified too late, leading to emergency service calls and more expensive repairs.
 Maintenance inefficiency The team wanted to reduce the time spent managing false alarms, work orders, and repair validation.	 24/7 comfort requirements Fitness facilities operate around the clock, requiring continuous temperature and humidity monitoring to maintain customer comfort without unnecessary energy use.

THE SOLUTION

Monitor continuously. Predict failures. Automate maintenance.

Monaire implemented a comprehensive IoT monitoring and control solution across Edge Fitness locations.

- 1 Install smart sensors**
Smart sensors were installed on critical equipment with zero disruption to the fitness centers. Sensors began streaming real-time temperature and performance data to Monaire's cloud platform.
- 2 Monitor equipment proactively**
Monaire's AI continuously analyzed sensor data to identify HVAC inefficiencies and detect potential equipment malfunctions early.
- 3 Predict and prevent failures**
The platform identified HVAC issues before failures occurred, helping prevent costly downtime and more expensive repairs.
- 4 Automate work orders**
Monaire integrated with ServiceChannel to streamline work order management and repair validation, giving the facilities leadership team greater visibility into equipment health and longevity.
- 5 Maintain customer comfort**
Temperature and humidity were monitored 24/7, allowing Monaire to proactively adjust HVAC systems and maintain optimal conditions without unnecessary energy waste.

PROJECTED PORTFOLIO IMPACT

Greater visibility across Edge Fitness facilities

Monaire gave the leadership team visibility into equipment maintenance, runtime, repairs, and warranty management. Real-time insights also support longer-term capital planning and help the team make better decisions around equipment performance and longevity.

14% Reduction in electricity usage	\$2,700 /month/site In cost savings	4 months Payback
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Actual results vary by chapter, utility rates, equipment condition, site mix, and deployment scope.

WHAT EDGE FITNESS ACHIEVED

14% less electricity usage with improved operational efficiency

- Since implementing Monaire, Edge Fitness has achieved measurable improvements across its facilities.
- Lower energy usage:** Edge Fitness achieved a 24% reduction in electricity usage, generating \$2,700 per month per site in savings.
 - Lower repair and maintenance costs:** By identifying issues early, Edge Fitness avoided expensive emergency service calls and prevented HVAC failures through preventative care.
 - Greater operational efficiency:** Monaire reduced unnecessary equipment runtime and energy waste while helping the facilities team reduce avoidable costs.
 - Increased customer comfort:** Continuous temperature and humidity monitoring helped keep fitness facilities within optimal comfort ranges around the clock.

“With Monaire, we never had to make compromises or trade-offs. We were able to automatically save energy and money, without compromising the quality of the customer experience in our fitness centers. In fact, customer comfort has increased!”

**Chris Perkins**
Director of Facilities, Edge Fitness

“With the 14% reduction in electricity usage and subsequent cost savings from Monaire, we are able to invest back into scaling the business and improving the customer experience to deliver an excellent fitness experience to more people every day.”

**John English**
VP of Finance, Edge Fitness

Lower energy costs without compromising customer comfort

Monaire helped Edge Fitness move from reactive equipment management to proactive HVAC monitoring and control. With real-time equipment insights, predictive maintenance, automated work order management, and continuous comfort monitoring, Edge Fitness reduced energy consumption while improving operational efficiency and the customer experience.