

ACTATEK EDGE AI FOR GYM

Secure 24/7 member access while cutting off-peak energy waste. Slashing energy bills by 25%+ — a system that pays for itself!

Audience Focus: Gyms, fitness centers, studios, and 24/7 member clubs.



CURRENT MARKET SIGNAL

Fitness operators need frictionless member access, controlled 24/7 operation, healthier air, and energy control during low-traffic hours.

BUYER CHALLENGES & PAINS

- Unsupervised check-ins, tailgating, and after-hours access need reliable control.
- Lighting, heating, cooling, and ventilation often run when zones are empty.
- Member comfort depends on clean air and responsive climate control.
- Constant cybersecurity threats

EXPECTED BUSINESS OUTCOMES

- Reduce energy costs during overnight and low-traffic hours.
- Improve member safety with access logs, alerts, and built-in video visibility.
- Unify member access, workforce time clocks, alarms, and environmental automation.
- Enhanced cybersecurity protection

TAILORED SOLUTION FIT

- Use biometrics, RFID, QR codes, or multi-factor credentials for member and staff entry.
- Let real-time occupancy switch HVAC, lighting, and ventilation on only when members enter each zone.
- Apply capacity limits to studios, courts, or halls and deny entry when a set cap is reached.
- Integrates physical and cybersecurity to plug security loopholes

CORE PLATFORM CAPABILITIES

- Offline edge intelligence keeps credentials, schedules, logs, and automations active when internet service is unavailable.
- Unified control joins access, workforce tracking, HVAC, lighting, sensors, alarms, alerts, and video-aware visibility.
- Real-time occupancy plus sensor data supports 25%+ energy-saving potential by acting before spaces overheat or sit empty.
- Blocks local login attempts if not onsite as determined by physical access control

AI DATA ANALYTICS / APPLICATIONS

- Workforce Deployment: Optimize trainer and staff shifts by tracking hourly member check-in density.
- Facilities Optimization: Lower facilities overhead with unstaffed 24/7 gym access using biometrics and QR codes.
- Predictive Maintenance: Automate gym zone HVAC and ventilation schedules dynamically based on real-time occupancy.

LAUNCH PATHWAY & STRATEGIC OFFER

Launch Angle: Launch a gym pilot tier for member check-in, zone control, and occupancy-led HVAC/lighting savings.

Recommended Offer: Start with secure check-in and zone control, then add energy and air-quality automation.

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Research & References:

Access Control Trends: <https://buildings.honeywell.com/us/en/brands/our-brands/lenels2/news/insights/access-control-trends>

EPA IAQ: <https://www.epa.gov/indoor-air-quality-iaq>

IEA Buildings: <https://www.iea.org/energy-system/buildings>