

ACTATEK EDGE AI FOR AIRPORTS

Coordinate secure zones, staff movement, capacity, and energy use across high-traffic facilities. Slashing energy bills by 25%+ — a system that pays for itself!

Audience Focus: Airports, terminals, ground operations, lounges, service areas, and transport hubs.

CURRENT MARKET SIGNAL

Transport hubs need secure-zone governance, occupancy awareness, operational continuity, and energy control across fluctuating passenger flows.

BUYER CHALLENGES & PAINS

- Airports run many restricted, semi-public, contractor, staff, and passenger-facing zones.
- Passenger flows change constantly, making fixed HVAC and lighting schedules inefficient.
- Operational continuity matters because access and automation cannot stop during network disruption.
- Constant cybersecurity threats

EXPECTED BUSINESS OUTCOMES

- Improve zone visibility with access logs, alarms, alerts, and video-aware monitoring.
- Reduce energy waste in low-traffic areas while keeping comfort high during peaks.
- Support staged integration through open standards and multiple connectivity options.
- Enhanced cybersecurity protection

TAILORED SOLUTION FIT

- Use multi-factor credentials and logs for staff, contractors, lounges, service corridors, plant rooms, and secure areas.
- Apply real-time occupancy and capacity controls to lounges, halls, gates, and back-of-house zones.
- Edge operation keeps local rules, schedules, and sensor actions working during connectivity outages.
- 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 security crew dispatch by analyzing real-time crowd flows and flight schedules.
- Facilities Optimization: Enforce strict security zone clearances for tarmac and baggage areas.
- Predictive Maintenance: Lower energy bills by dimming lights and reducing HVAC in empty boarding gate areas.

LAUNCH PATHWAY & STRATEGIC OFFER

Launch Angle: Pilot in lounges, staff corridors, service rooms, and controlled operational zones before terminal-wide expansion.

Recommended Offer: Begin with controlled zones and lounges, then extend occupancy-led energy automation across the terminal.

Contact Channel Support | Email: info@actatek.com | Web: www.actatek.com

Research & References:

CISA OT Inventory:

<https://www.cisa.gov/resources-tools/resources/foundations-ot-cybersecurity-asset-inventory-guidance-owners-and-operators>

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

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

One System. Total Control

ACTAtek™

