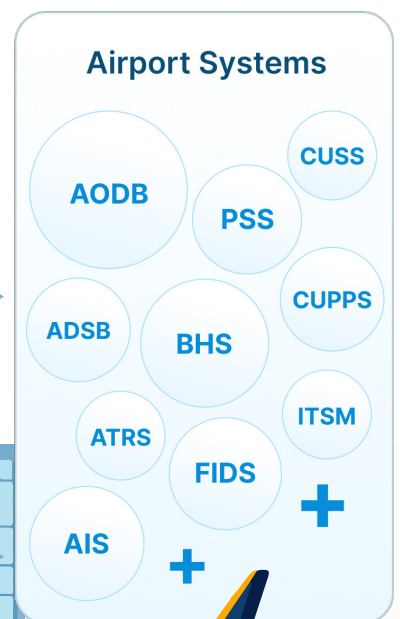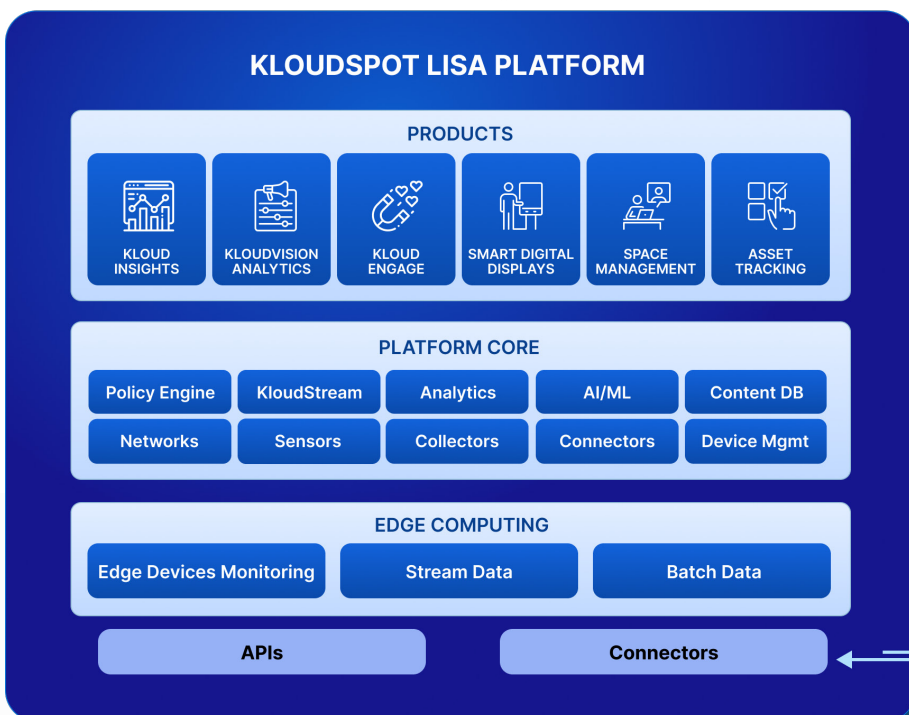kloudspot

intel partner
Gold

LISA USE CASE: AIRPORTS

# Unlock the full revenue potential of your airport operations.

Elevate your airport management system and passenger experience with the world's premier Airport Operations System powered by Kloudspot LISA Platform. Empower your decision-making with data-driven insights and create a delightful passenger experience. Kloudspot integrates new technologies, including AI, IoT, video cloud, big data, and an integrated Communication Platform (ICP) to enhance passenger satisfaction and improve airport operational efficiencies.

## LISA Platform for end-to-end Airport Operations

| Digital Twin & Simulator | Terminal Ops Situation Awareness | Airside Ops Situational Awareness | Landside Ops Situation Awareness | Passenger Flow Management | Smart Surveillance | Retail Experiences | Smart Parking Lots | Authentication & Access Control | Command Center & Video Walls |

**KLOUDSPOT AIRPORT SOLUTIONS**

### KLOUDSPOT LISA PLATFORM

**PRODUCTS**

- KLOUD INSIGHTS
- KLOUDVISION ANALYTICS
- KLOUD ENGAGE
- SMART DIGITAL DISPLAYS
- SPACE MANAGEMENT
- ASSET TRACKING

**PLATFORM CORE**

| Policy Engine | KloudStream | Analytics | AI/ML | Content DB |
| Networks | Sensors | Collectors | Connectors | Device Mgmt |

**EDGE COMPUTING**

| Edge Devices Monitoring | Stream Data | Batch Data |

| APIs | Connectors |

### Airport Systems

- CUSS
- AODB
- PSS
- ADSB
- BHS
- CUPPS
- ATRS
- ITSM
- FIDS
- AIS

# Embrace a new standard in efficient airport operations!

Seamlessly integrate land-side, terminal, and airside functions to enhance operations and elevate passenger experiences.

## Key out-of-the-box features enabled by LISA

### Command and Control Center
Deliver the most flexible management environment to suit various airport and airlines stakeholders

### Insights and Dashboards
Empower airport managers with situatioanal awareness dashboards to uplift operational and service efficiency.

### Smart IoT, IT and OT Integration
Enabe real-time data sharing, streamline processes and improve decision-making across all airport departments.

### Plan of Day and Irregular Ops
Use AI/ML algorithms to forecast real-time passenger flow and flight schedules to optimize resource requirements.

### Passenger Flow Management
Monitor queue wait times at various touch points and plan staff allocation on predicted load to optimize limited staff

### Retail Experiences
Understand customer traffic. Maximize retail revenues through designed experiences and computer vision analysis

### Authentication and Access Control
Facial biometrics to authenticate passengers and airport staff. Policy-driven alerts to resolve issues with efficacy

### Smart Surveillance & Smart Parking
Computer vision AI to detect and alert suspicious movements, smoke, fire, loitering, ANPR, unauthorized parking.

### Programmatic Digital Signage
Encompasses various types of signage, including wayfinding, kiosks, advertising displays for seamlessly airport experience

### Sustainability Initiatives
LISA IoT enables monitoring and dashboards of energy, water and resource usage to support sustainability goals

## Benefits

### Operations Management

1. Integrated, single-pane-of-glass view of digitally-driven operations across airport landside, terminal and airside assets
2. Improved real-time passenger data capture for flow efficiencies and service improvement
3. Enhanced operational security and surveillance for reduction in revenue leakage

### Retail Operations

1. Get a bird's-eye view of your retail space. Use point-of-sale devices, in-store video, and sensors to get a holistic picture of your stores for near-real-time insights
2. Drive deeper levels of customer insight. Understand your customers' shopping and buying habits
3. Create high-impact digital signage, AR/VR experiences

### Safety and Security

1. AI-powered smart cameras to transform security across the landside, terminal and airside and manage resource allocation
2. Computer vision screening for irregular parking, taxi touts for passenger safety
3. AI-driven facial recognition systems streamline staff and passenger identification and verification processes

## Let's transform your airport together!

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