



Intelligent solutions for safer & more efficient airports

Every inch of the airport, we have you covered



MOTOROLA SOLUTIONS

Safer airports start with connected technology



**security
check**

An airport is a complex environment with multiple stakeholders including passengers, airlines, cargo companies, merchants, security, government agencies and fire departments. Ensuring safety and security for everyone, while also maintaining a comfortable environment, is vital for all parties. The Motorola Solutions safety and security ecosystem safeguards airports, both airside and landside, to support secure and efficient experiences for travelers, crews, and employees by detecting anomalies and facilitating clear communication throughout complex operations.



Critical Communications

Advanced two-way radio systems enable secure and reliable communication across all airport zones. Astro P-25 radios, MOTOTRBO digital two-way radios, and Wave broadband push-to-talk, work together to offer superior voice clarity, while secure encryption ensures data protection. Integration with the full safety and security ecosystem, including body cameras and video systems, allows for real-time alerts, enhancing situational awareness.



Video Security & Surveillance

Our video security solutions provide exceptional situational awareness with high-resolution imaging and AI-powered analytics. Avigilon's AI-driven video management delivers ultra-high-resolution footage, while Pelco offers ruggedized specialty cameras with open-platform integration. Silent Sentinel's long-range thermal and radar-integrated surveillance ensures robust monitoring of critical areas.



Command Center and Dispatch Solutions

Protect passengers, crews, and employees from the parking lot to the terminal with integrated analytics, dispatch systems, video management, alarm detection and situational awareness software. With Avtec Scout dispatch consoles, keep your teams and agencies connected and integrate communications across devices and tools.



Enhancing passenger and terminal safety



Runway & taxiway surveillance

Clear visibility and rapid response to safety concerns on runways and taxiways are crucial for preventing incidents. AI-powered cameras with ultra-HD imaging enhance monitoring, while wide dynamic range (WDR) technology ensures optimal visibility. Fast pan-and-tilt cameras provide comprehensive coverage, improving situational awareness.

Apron & ground handlers safety

Ground handlers work in high-risk environments where safety is a top priority. AI-enhanced surveillance cameras detect anomalies, while intrinsically safe radios enable clear communication in hazardous zones. Integrated body cameras provide real-time incident documentation, ensuring safety compliance.

Terminal building security

Thousands of passengers move through airport terminals daily, necessitating advanced security measures. Multi-sensor HD cameras equipped with AI-powered analytics enable comprehensive monitoring. Focus of Attention software provides real-time threat detection, while integrated access control systems generate automated security alerts.

Parking lot security

Maintaining security in airport parking areas requires intelligent monitoring and access management. License Plate Recognition (LPR) technology tracks vehicle movements, while multi-sensor cameras utilize object detection analytics. Radio integration facilitates real-time alerts and coordinated security responses.



Optimizing Airport Operations with Connectivity



Expanding communication beyond airport confines

Seamless communication between airport staff, emergency services, and transportation partners is essential for efficient operations. WAVE PTX broadband push-to-talk (PTT) technology enables instant cross-network communication. By integrating LTE, 5G, and land mobile radio networks, teams remain connected across various locations. Real-time video streaming and push-to-talk communication further enhance operational efficiency.

Creating a smart & secure airport environment

Our solutions unify voice, video, and analytics into a centralized command center, enabling airports to enhance situational awareness with AI-driven insights. Seamless communication across teams and agencies ensures coordinated responses, while high-performance surveillance systems improve security and operational efficiency.

Learn more about our Airport solutions at:

www.motorolasolutions.com/solutions/transportation-logistics



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

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