

INDUSTRIAL INTERNET OF THINGS FOR SMART AIRPORTS

**PROTECT SITE AND INFRASTRUCTURE,
SECURE OPERATIONS AND
PERFORMANCE**



TAKE OFF WITH SECURITY AND CONTROL

Truly Smart airports are intelligent and interconnected. They can automatically detect what is happening around them, consider and process all available information, and act and react to maximize performance. Anything less than real-time response offers vast ground for malicious activity, human errors and operational deficiencies.

As a strategic asset, your airport is not just a vital symbol of an open and dynamic society, it is a crowded and dense hub vulnerable to any number of potential threats.

Considering the severity of threats and how quickly they can develop, your best option is to fend them off before they start. Take control before they take over and control you.

Motorola Solutions mission-critical Industrial Internet of Things offering is a multi-layer solution designed to enhance your entire security infrastructure in a risky world.

FIRST LINE PERIMETER DEFENCE AND CONTROL

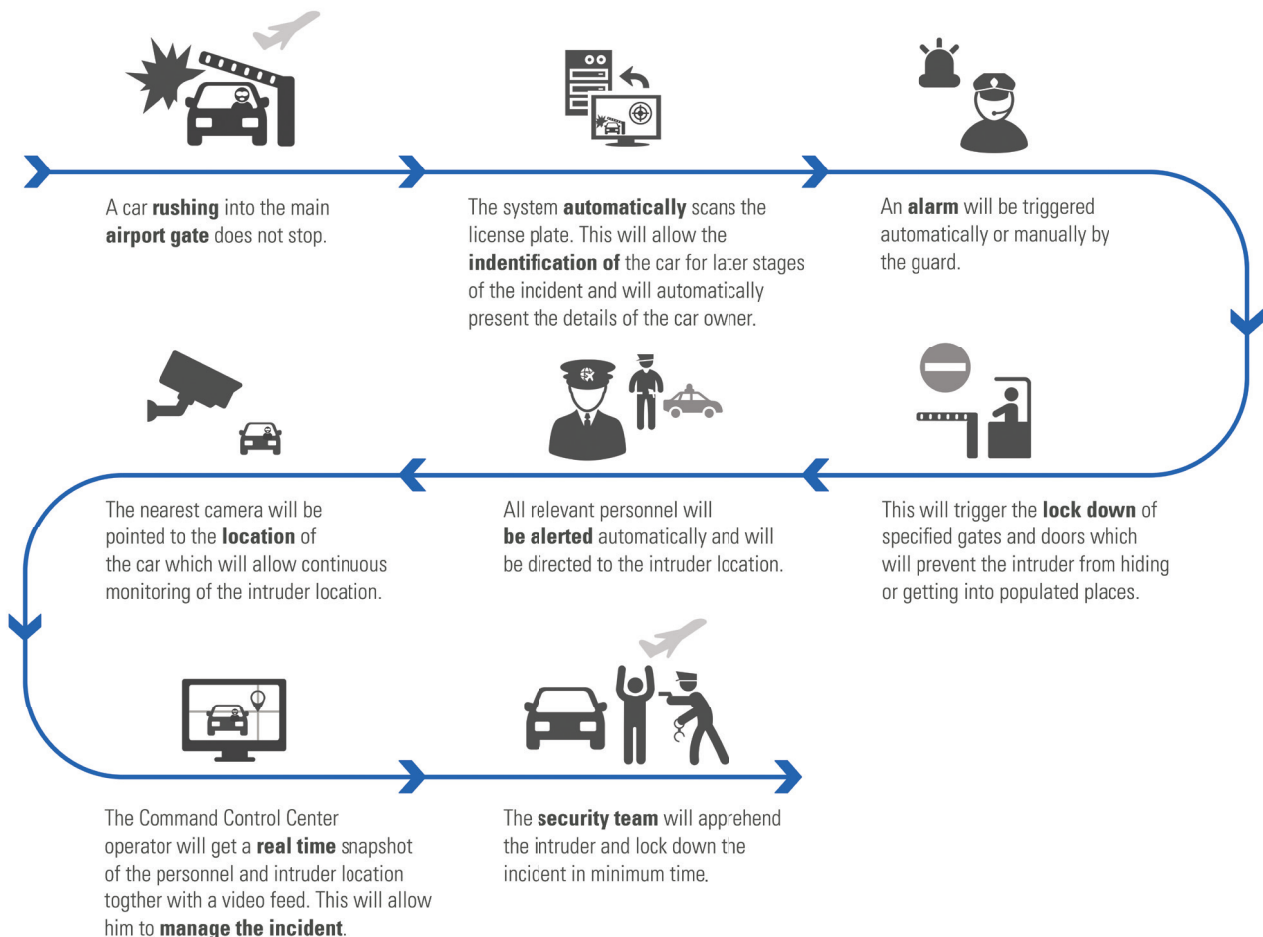
Delivering mission-critical communications, protecting strategic infrastructure and assuring continuous operations is what Motorola does right now for thousands of customers at the most challenging sites around the world.

Using state of the art technology, Motorola provides extremely reliable automated responses to security breaches. Our scenario-driven Industrial IOT solutions lets you implement the necessary controls across your entire security infrastructure in order to execute a coordinated response in just a fraction of a second.

- When you need to stop a car rushing through the gate
- When an area needs to be blocked down now
- When an intruder tries to sabotage equipment
- When security and emergency forces need to be called into action

Motorola's Industrial IOT solutions will support you - connecting, synchronizing and executing real-time flows to protect assets and lives.

SMART AIRPORT SCENARIO: PERIMETER SECURITY, GATE AND ACCESS CONTROL





MOTOROLA INDUSTRIAL IOT KEY BENEFITS

Always Connected – Network of networks (wired, wireless and radio redundancy) with immediate auto-switching. Remote Terminal Units (RTUs) are optimized for TETRA and other LMR communications systems, delivering reliable and secure communications when all other networks and lines are down.

Independent Operation – Dependable execution when even the command center is neutralized. Eliminates human error, shortens response time, reduces costs and operates in both centralized and scattered structures through local logic and distributed access.

Always On – Independent power supply via battery or solar panel.

Weather-Proof – Resiliently built for even the most extreme climate conditions.

Interoperable – Vendor-agnostic for seamless integration with existing infrastructures.

Rules-Centric – Customizable to fit any scenario or policy requirements.

TRIGGERS

Perimeter detectors, acoustic sensors, emergency buttons, designated applications etc.



RESPONSES

Control Room alert, sirens, personnel alerts and other custom-tailored responses.



MONITORING AND CONTROL

Gates and entrances, cameras tracking, runway lights, traffic lights and a range of other assets



YOUR PARTNER FOR CONTROL AND PERFORMANCE

The control tower and airstrip orchestration is at the heart of a responsive and cost-effective airport safety operation. Through sophisticated technology, Motorola Industrial IOT unites power sensing, monitoring and smart automatic coordination that ensures worker, passenger and aircraft safety; decreases the risk of human error; and enhances work flows.

- When your operation needs comprehensive orchestration
- When remote devices need sophisticated and reliable capabilities
- When completing your mission needs technology you can trust

Motorola enables real time automated control, seamless operation and extremely reliable system management.

CRITICAL SYSTEMS ARE IN CONTROL



ASSET TRACKING

Fuel tankers
Corridors
Landside Semi / Portable assets



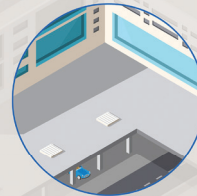
CRITICAL INFRASTRUCTURE

Runway digital signs
Runway intrusion Sensors
Runway light control
LMR RF Coverage Probe



SMART SAFETY AND SECURITY

Perimeter monitor and control
Gate control (Internal / External)
Entrance Control
Emergency buttons
Noise control



Motorola provides a multi layer security suite that allows detection, management and distribution of security related incidents within the airport and on its perimeter, thus providing a safe environment for passengers and airport staff.

To learn more about how the Motorola Industrial IOT suite can power the next generation security and control system at your airport please check our website: www.motorolasolutions.com

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