

QUANTUMSECURE

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Founded in 2004, Quantum Secure entered the market as the first Physical Identity and Access Management platform. Today, the SAFE software suite remains the leading solution for managing identities and provisioning access in physical security infrastructure and customers range from large international airports to highly secure government agencies and Fortune 500 global corporations.

Quantum Secure SAFE for Airports Solution

Airports exhibit one of the most complicated scenarios to administer restricted-area access control, identity verification and issuance of an access credential. Various airline employees, vendors and tenants need to be authenticated at all times, and their physical access rights need to be controlled and managed dynamically based upon their role and the policies that affect their access.

Many airports have siloed systems and processes used to manage employee credentials for facility access. Agencies that issue transportation authority clearance, including the Transportation Security Administration (TSA) or Canadian Air Transport Security Authority (CATSA), and grant access to assets/areas such as airside vehicles and parking structures are all managed independently, often by different departments. As a result, many physical identity and access management operations are handled manually, leading to costly human errors, high cost of operations, long on- and off-boarding times and a lower level of overall security.

Quantum Secure's SAFE for Airports solution addresses this problem by providing a supervisory management system to transform and automate manual workflows and processes, enabling airport authorities to manage facility access of users and groups through role-based access control. Based on policies and business rules, SAFE is a commercial off-the-shelf (COTS) solution designed to handle the complexities of physical identity and access management by offering an integrated enrollment, access provisioning and badging engine along with a framework to integrate siloed systems and processes.

The SAFE for Airports Solution interfaces with a wide variety of physical access control systems (PACS), biometric, and other airport-specific systems and databases (no-fly list, LDAP, etc.) in real time, enforcing centralized policies and rules for secured access management. For example, the SAFE enrollment engine authenticates and verifies identities and digital certificates, captures biometric images, issues a credential, binds the relevant biographical and biometric data with the card and provisions the identity for facility access in the PACS – all in one connected, homogenized process.

Conversely, identity expiration policies ensure that the card is expired based on defined trigger points, including expirations as mandated by agencies such as the TSA, the termination of an employee or a report of a lost/stolen card.

The SAFE for Airports solution provides a comprehensive range of functions for airports, including:

- Enrollment, badging/credential issuance
- Multiple employer/employee management under a single user interface
- Identity management and facility access on- and off-board management
- Biometric database integration
- Self-service and delegated administration
- Centralized document management and record storage
- A policy-based approach to automatically respond to events as they occur

Additionally, the SAFE for Airports solution leverages the existing security infrastructure and investments that an airport has already made, balancing security efficiencies with the speed of access and credential management. The results are tremendous savings in operating costs and reduced latency in the issuance of credentials throughout the airport. ✈️

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