

Strengthen your access credentialing and badging operations and automate all related processes to achieve compliance and significant cost reductions.

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 multiple 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 policies affecting their access.

Many airports have siloed systems and processes used to manage employee credentials for facility access. Systems that issue transportation authority clearance, including the Transportation Security Authority (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, a high cost of operations, long on- and off-boarding times and a lower level of overall security.

The SAFE for Airports Solution

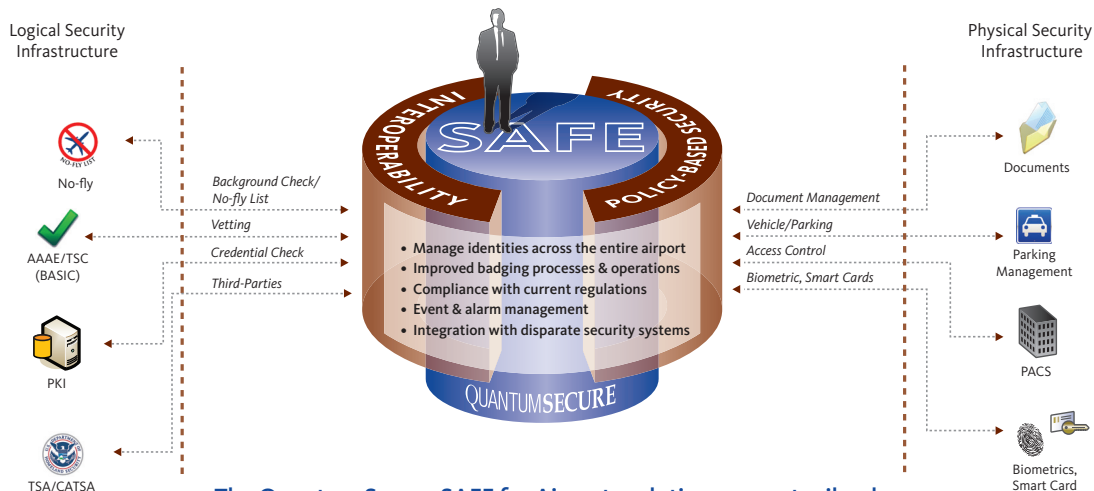
Quantum Secure's SAFE suite of products addresses this problem by providing a supervisory management system to transform and automate manual workflows and processes, enabling airport authorities to manage facility access of users and groups through role-based access control. Based on policies and business 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 Challenge

Credentialing for a complex network of facilities, roles and related access; high security and insurance risks; high cost of operations and manual processes.

The Solution

The SAFE for Airports solution transforms siloed systems into a single management tool, automating airport credentialing and badging operations, compliance regulations and driving strong operational cost reductions.



The Quantum Secure SAFE for Airports solution connects siloed systems into a common framework for complete airport identity management.

Integrates With PACS, Biometric Systems and Airport-Specific Applications

Managing access to restricted zones within an airport facility for staff and other operators such as law enforcement, repair technicians and third-party vendors can create a flurry of manual, error-prone processes and latency in the system, resulting in a high cost of operations and a number of seemingly irreconcilable constraints.

The SAFE suite interfaces with a wide variety of 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.

Additionally, the SAFE suite 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.

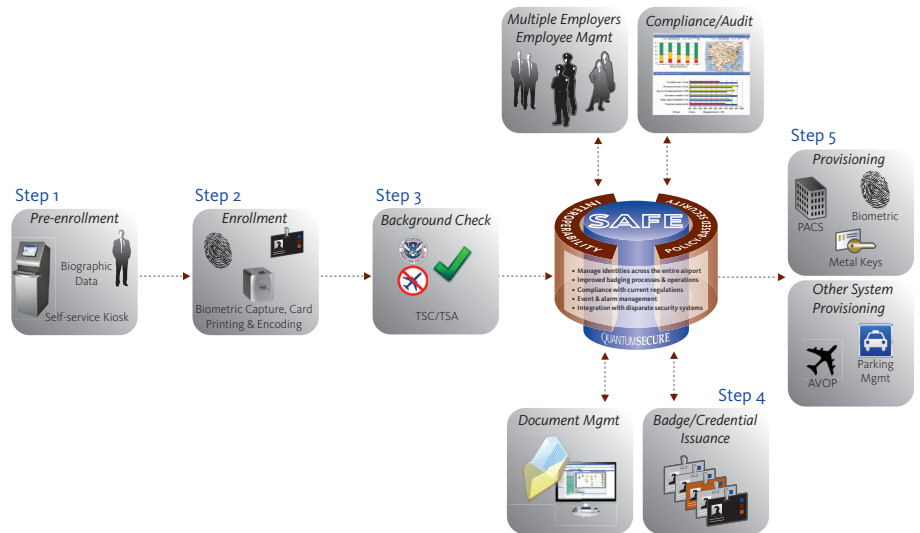
The SAFE suite of products provides a comprehensive range of functions for airports, including:

- 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

SAFE Key Features & Benefits

- **Airside vehicle operator's permit (AVOP) management**—Track the issuance of relevant driving permits and related insurance, tying operator access to current certification status
- **Connects to your existing physical access control systems**—Easily manages access to the restricted areas and zones with an automated, policy-based approach
- **Credentialing and enrolling identities**—Allows identities to be captured and pre-enrolled, including badge issuance
- **Biometric systems integration**—Enables identity authentication to include iris or fingerprint scanners
- **Provides integrated airport physical security event management systems**—Correlate events to identities for forensic analysis
- **Vendor profile management systems**—Administer access control rights to multitudes of employees, contractors and third parties based on their security profiles
- **Connects to external TSA systems**—Simplify identity and credential validations across your organization
- **Document Management**—Store approval forms, I-9 information, and other related documents in a centralized electronic system

The Quantum Secure SAFE for Airports solution automates and streamlines the enrollment, provisioning and auditing of identities throughout your airport security operations.



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