



Transportation  
Security  
Administration

# HID Helps Make Major U.S. International Airport One of the First to Automate Badging Tied to Real-Time FBI Screening Data

Today's largest U.S. airports occupy thousands of acres and serve tens of millions of passengers. Day-to-day, airports ensure the safety and security of their workforce, which includes airline personnel, vendors, tenants and third-party contractors, and issue ID badges in accordance with Transportation Security Administration (TSA) requirements.

## CHALLENGES:

**As they grow, the top 10 to 20 airports often struggle to manage workforce badging.**

Legacy solutions can have limited capabilities and, in many cases, the company that installed them is no longer available for support and assistance.

In addition, these legacy solutions cannot be integrated with other systems and data must be manually entered in multiple places. Other challenges include:

- **A slow biometric enrollment process.** It can take as many as 30 minutes to capture fingerprints using older biometric readers, causing long lines at an enrollment office.
- **Cumbersome, error-prone workflows.** Fast-growing airports need to eliminate redundant data entry, accelerate manual badge and key audits, and convert to an electronic process for roughly a thousand or more Authorized Signatories that request workers' fingerprints, verify employment background, and apply for employee badges.
- **Difficulty gathering records.** Information related to personnel records and ID credentials is often scattered across many systems.

Large airports with growing badging challenges require a more efficient way to create, issue and manage staff credentials. Increasingly, they also seek to go beyond the standard two-year FBI vetting to know, within days of an arrest, whether badge privileges need to be reviewed.

## SOLUTION:

**One of these fast-growing airports turned to an HID Global partner for help to deploy a solution to reliably and efficiently authenticate and manage its tens of thousands of worker identities through the entire credential lifecycle.**

The airport considered HID Global the gold standard for trusted identity solutions and drew heavily from the company's comprehensive portfolio to solve its interrelated challenges.

Anchoring the solution, the HID SAFE for Aviation Identity Management Software suite meets all regulatory requirements for managing workforce identities, credentials and events associated with those credentials during their lifecycle. Its web-based Authorized Signatories portal enables all-electronic workflow and integrates with other systems including the FBI's Record of Arrest and Prosecution Background (Rap Back) continuous monitoring and alerting service.

HID Global also provided two types of fingerprint solutions, including readers with patented multispectral imaging technology and liveness detection. Rounding out its solution are badge printers/encoders, read/write contactless smart cards and readers with supporting enrollment tools.

## OUTCOME:

**By unifying its systems and enabling more efficient and highly configurable identity management workflows, HID Global's solution allows the airport to go paperless with all Authorized Signatory activities and streamline ongoing manual processes, such as its badge and key audits.**

The airport is now one of the first in the U.S. that can immediately review and modify an employee's ID badge privileges within four days of an arrest.

The efficiency benefits of the new system begin at enrollment, where the speed and accuracy of the HID Lumidigm sensors' multispectral imaging technology cut fingerprinting time from half an hour to two minutes and eliminates the need for staff assistance.

Further improving efficiency, the HID Guardian livescan devices are integrated with HID SAFE for Aviation, so all required fingerprint images and biographic data are consolidated into a single, comprehensive TSA-compliant applicant identity file that is sent to the federal government for vetting.

With its badging workflow integrated into the FBI's Rap Back service, all fingerprints that the airport submits with each identity file are continuously monitored rather than being checked against the Criminal History Record Check (CHRC) database every two years. Alerts appear in an identity file within 48 hours after an arrest, prompting an immediate adjudication of eligibility for continued badge privileges.

The HID SAFE for Aviation solution also simplifies the collaboration between the airport and Authorized Signatories during the regular audits of the roughly 22,000 ID badges in use at any given time. Annual badge audits that previously required four months to complete now take half the time and have better accuracy.



HID Lumidigm fingerprint readers



HID Guardian Livescan



HID FARGO HDP5000 ASURE ID®

Authorized Signatories interact with the airport on all other activities using SAFE for Aviation's web-based portal, including new applicant entries, renewals, name and privilege changes, terminations, personnel audits and violation responses. The paperless one-stop digital shop is convenient and helps eliminate mistakes.

The airport also now has a solid foundation for growth. Volumes have grown to approximately 30,000 cards annually. Replicating its earlier design, the airport uses the HID FARGO printer/encoders to personalize badges with a unique laminate that includes the airport's logo with a built-in hologram.

#### SUMMARY:

**As it heads toward the 50-million-annual-passenger mark, the major U.S. international airport is well-positioned to support the security requirements of its growing workforce.**

HID Global's solution has automated and accelerated badging workflow while meeting all regulatory requirements and enabling paperless Authorized Signatory processes. It has also helped make the airport one of the first that can review badge privileges and take any necessary steps within days of an arrest.



*"Annual badge audits that previously required four months to complete now take half the time and are more accurate with HID Global's solution."*



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