

# **Aviation Credential Interoperability Solution (ACIS) Overview**

**for the Government Smart Card Interagency Advisory Board (IAB)**

**6/3/2008**



**Transportation  
Security  
Administration**

# Agenda

- Program Overview
- Initiative Status
- Key Concepts
- Questions



# Program Overview

*The Aviation Credential Interoperability Solution (ACIS) is a biometric identity verification solution for the aviation community.*

- Purpose
  - Provide a standard biometric credential for the aviation industry based on smart-card technology and industry standards (i.e. FIPS-201);
  - Establish standard processes across the aviation industry for enrollment, card issuance, vetting, and credential management/revocation;
  - Enable necessary components for identity interoperability between airports and with other FIPS-201 interoperable solutions (i.e. TWIC, FRAC);
  - Support real-time, secure identity verification, specifically for SIDA challenge purposes;
  - Allow for credential integration with airport biometric access controls;
  - Reduce the propagation of multiple IDs for transient aviation workers.
  
- Scope
  - Airport workers (~1.5M) at over 450 regulated commercial airports;
  - Airline workers (~150K) with access to secure areas of airports;
  - Other considerations include Armed LEO and CBP FIS agents.



# Program Status

- ACIS Technical Specification drafted and shared with aviation industry on 4/21/08 to gather feedback;
- Policy planning in progress – determining what components can be achieved through rule-making, security directive, ASP amendments, and/or industry guidance;
- Monitoring congruent efforts including AAAE's Biometric Airport Security Identification Consortium (BASIC) and US House of Representative Biometric Enhancement and Airport-Risk Reduction (BEAR) Act Bill;
- Developing requirements for Government technical vetting components;
- Obtaining required funds to move effort forward.



# Key Concepts

- Airport autonomy;
- Standards-based process for enrollment and card production, personalization, and issuance (with Shared Services option);
- FIPS-201 Interoperable;
- Person-centric vetting;
- Global and local credential revocation via Certification Revocation List (CRL);
- Certificate authority authentication to Federal Bridge;
- Perpetual vetting.



# Questions

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