Changing the Face of Travel and Trade

Director Rose Marie Davis
Pacific NorthWest Economic Region Summit
July 23, 2018
Today’s world is increasingly interconnected, and CBP is responding by innovating border processes to make them more efficient and secure, changing the face of travel across all modes while enhancing legitimate trade.

**INTERNATIONAL TRADE**

The volume of goods entering the United States also continues to rise, driven by robust consumer demand for goods and services from around the world.

**GLOBAL TRAVELERS**

The number of people crossing American borders by land, air, and sea continues to increase, on trend with the global momentum for international tourism.

**E Volving Risks**

As cartels, terrorist organizations and other threatening groups seek new ways of trafficking illicit goods, law enforcement tactics must evolve to stay ahead of illegal and dangerous activities.

---

$2.4 Trillion
Total value of imported goods to the US in 2017²

75.6 Million
Total international visitors to the US in 2016¹

1.3 Million
Pounds of narcotics seized by law enforcement at US borders in 2017³
Changing the Face of Air Travel | Locations

Working with airlines and airports, CBP has deployed facial recognition technology for entry, for exit, or both at 15 U.S. Airports and 4 international Pre-clearance locations.

Current Preclearance Airports
- Reina Beatrix International Airport, Aruba (AUA)
- Shannon Airport, Ireland (SNN)
- Abu Dhabi International Airport, UAE (AUH)
- Dublin Airport, Ireland (DUB)

August 2018 Preclearance
YVR will add new cameras and deploy Simplified Arrival for in transit passengers only

Vancouver International Airport (YVR)
Changing the Face of Air Travel | Process

With facial recognition, CBP identifies all travelers and creates a streamlined and efficient traveler experience.
Changing the Face of Air Travel | Impact

Technical demonstrations prove that biometrics improve operational performance for both entry and exit.

FACIAL RECOGNITION IMPACT TO DATE:

- **485,000 travelers**: processed since 2017
- **<2 seconds** to verify a travelers’ identity with facial recognition
- **98% match rate** for photos of travelers against photos in DHS holdings
- **1850** Overstays confirmed with biometric exit

WHY FACIAL RECOGNITION WORKS:

**Leverages Existing Infrastructure**
- No New Data Requirements
- Uses Existing Traveler Data
- Integrates Into Existing Airport Infrastructure

**Provides A Seamless Customer Experience**
- Expedites Traveler Processing Time
- Token-less Processing
- Increases Traveler Safety and Security
Changing the Face of Land and Sea Travel

CBP is leveraging data, investing in innovation, and fostering partnerships to test new solutions in the land and sea environments to expedite travel and improve security across the nation.

By Land, CBP is...

BUS AND RAIL APIS
sharing Advance Passenger Information System (APIS) data for rail and bus with industry partners to enhance processing and security benefits for passengers.

RESOURCE OPTIMIZATION
leveraging a workload staffing model to identify staffing needs and enable data-driven decisions.

BIOMETRIC TECHNOLOGY
introducing facial recognition without a pre-determined traveler manifest. For vehicles, CBP is exploring at-speed biometric verification without forcing the vehicle to stop.

By Sea, CBP is...

MOBILE PROCESSING
expanding the use of mobile applications to remotely report arrival.

BIOMETRIC TECHNOLOGY
sharing additional data with cruise industry partners to enable quicker processing times and enhanced security.

Success at Sea: CBP demonstrated facial recognition with Royal Caribbean Cruise Line in Bayonne, NJ and received positive feedback from passengers. CBP is currently evaluating new opportunities to pilot facial recognition with the cruise line industry.
Changing the Face of Trade

CBP is exploring new technologies to create a more **efficient and dynamic border**, focusing on **flexible technologies** that enable officer mobility and mitigate new and emerging threats more effectively.

### Non-Intrusive Inspection (NII)

Pilots in Port of Donna and Laredo are leveraging NII X-ray technology along with expanded use of RFID and biometrics to enable officers to detect critical threats in cargo and conveyance.

### Pre-Arrival Readiness Evaluation (PARE)

Through partnering with PBA, the PARE pilot at Peace Bridge has yielded significant impacts on the use of electronic manifests and contactless payment for cargo processing by ensuring truck driver readiness prior to arrival at port.

### Emerging Cargo Technologies

#### Blockchain for Trade

CBP is partnering with USPS to enable greater transparency and enforcement in international shipping and customs.

#### Small Package Scanning Devices

CBP has 94 units deployed and 82 additional units procured.

#### Model Land Port of the Future
