

FUTURE TRAVEL EXPERIENCE



MILTON BERLE



A photograph of a modern airport terminal. A woman in a blue shirt and red pants is walking with a suitcase. The terminal has a high ceiling with a grid pattern and large windows. The text "Cohesive Vision" is overlaid in white.

Cohesive Vision

Identity as a Service

- **Operation Efficiency**
- **Security Effectiveness**
- **Passenger Satisfaction**
- **Industry Vitality**

CBP's

INVESTMENT

A FACIAL MATCHING SERVICE

WHY IT WORKS

- Uses existing traveler biometrics
- Matches one-to-few in the cloud
- Enables token-less processing
- Integrates into airport infrastructure
- Trusted source for identity verification
- No traveler enrollment required



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COMMITTED PARTNERS

Baltimore Washington International Airport

City of Austin Aviation Department

Dallas Fort Worth

George Bush Intercontinental Airport

Greater Orlando Airport Authority

Hillsborough County Aviation Authority – Tampa

Hobby International Airport

John F Kennedy International Airport

Los Angeles World Airports (LAWA)

Massport

McCarren International Airport

Metropolitan Washington Airports Authority

Miami Dade Aviation Department

Newark Liberty International Airport

Denver International Airport

Ontario International Airport Authority

Philadelphia International Airport

Salt Lake City

San Antonio

San Francisco International Airport

San Jose International Airport

Seattle Tacoma International Airport

Broward County Aviation Department

Chicago O'Hare

airport and airline
**STAKEHOLDER
PARTNERSHIPS**

All Nippon Airways

Delta

Spirit Airlines

British Airways

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SIMPLIFIED ARRIVAL

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- Automatic Capture
- Family Processing
- Single Touch
- Reduced Data Entry

PERFORMANCE

AIR EXIT

31,487

exit flights processed

4.65 M

exit passengers

98.3%

biometric match rate

AIR ENTRY

162,905

entry flights processed

12.90 M

entry passengers

99.1%

biometric match rate

FASTER BOARDING

Lufthansa reported boarding **350 passengers** on an A380 in **20 minutes**

JetBlue's boarded 93 passengers in **10 minutes**—an average of just **5.5 seconds** per passenger

British Airways reported boarding **more than 400 passengers** in **22 minutes**

WHAT PEOPLE ARE SAYING

FASTER FLIGHT CLEARANCE

CBP measured an average of **11.8 minutes faster flight clearance times**

ENHANCED EXPERIENCE

British Airways reported a **20% increase in customer satisfaction**

JetBlue reported **biometric boarding meters passenger better**

PRIVACY AND SECURITY

by **DELEER**

Limited retention of facial images

- US citizen photos deleted after 12 hours
- Retention of Photos by stakeholder partners restricted by CBP business rules

Enhanced security measures

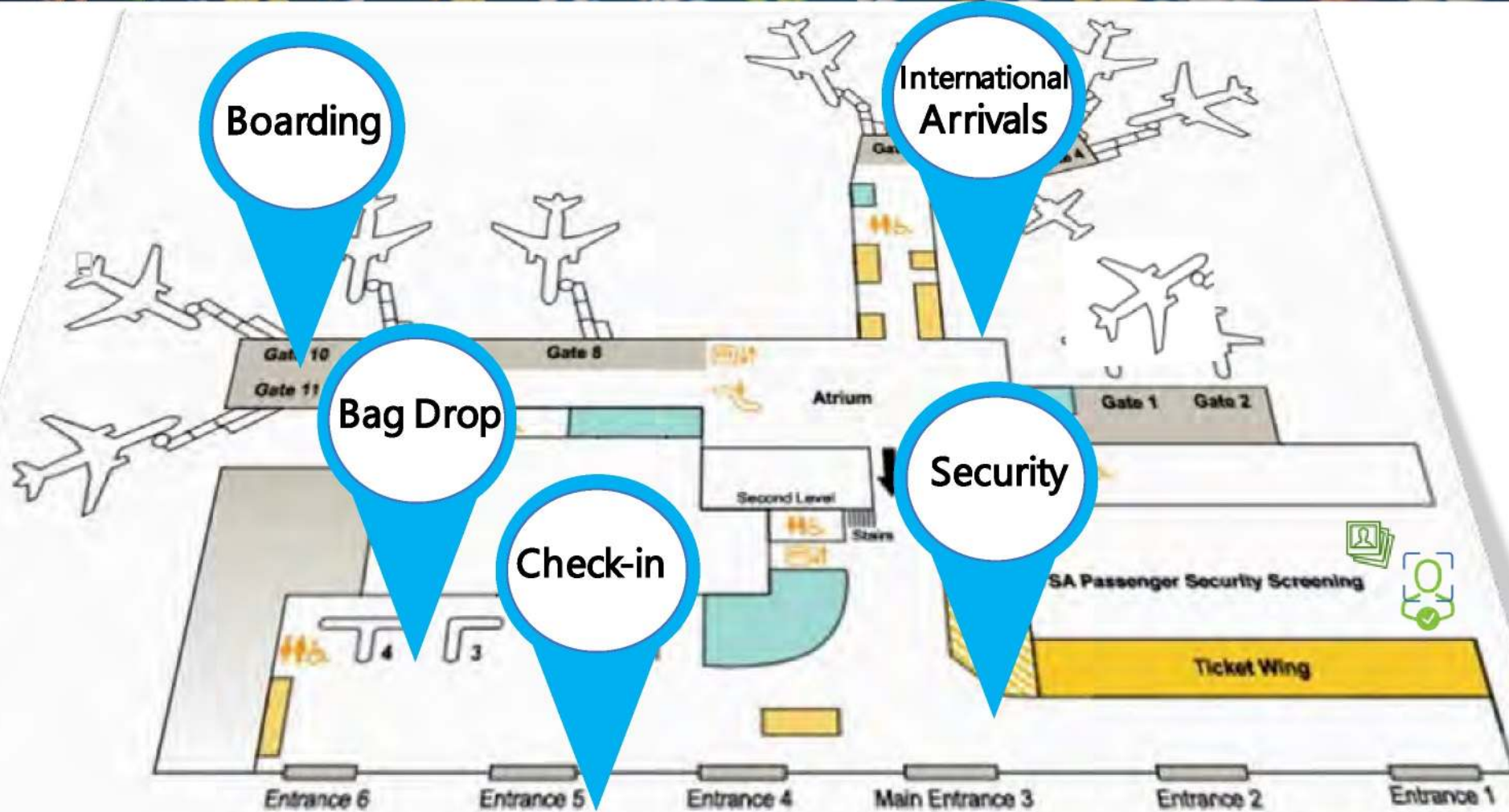
- Data encryption both in transit and at rest
- Device access restricted to authorized personnel
- Biometric templates separated from biographic data, associated only with a unique ID

Biometric performance

- System developed using diverse training sets and limits gallery to flight manifest
- Proactive monitoring of biometric algorithm performance to identify deficiencies
- Partnership with NIST and DHS S&T to continually evaluate algorithms and best practices

THIS IS NOT A SURVEILLANCE PROGRAM

FUTURE INNOVATION



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