

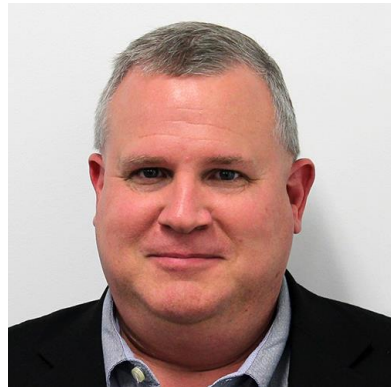


SIAGOVSUMMIT

Connecting Government, Security and Technology

June 27 – 28, 2018 | Washington, D.C. | #siagov18

What's New in Biometrics for Homeland and National Security



Brian Hunt
Defense Forensics &
Biometrics Agency



Matthew Schneider
U.S. Customs and
Border Protection



Shin Takahashi
NEC

Evolution of Advanced Recognition Systems

Shin Takahashi

Chairman of the Board

NEC Corporation of America

Shin.Takahashi@necam.com



Orchestrating a brighter world



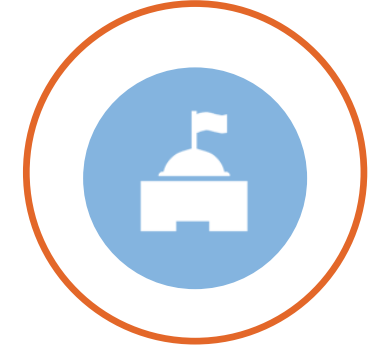
99,000+ Team Members Worldwide



9 Global R&D Labs



Financial Services & Solutions



64,000+ Patents



US Headquarters In Irving, TX



Leader in Biometrics



TOP 50 Innovative Companies



NeoFace | World's Leading Face Recognition Technology

- NEC's NeoFace face recognition research began in 1989
- Design Objectives
 - Greatest Accuracy
 - Fastest Speed
 - Most Tolerant to Environmental, Racial and Behavioural Conditions
 - Most Flexible platform on which to build highly capable solutions for society.
- NEC continues to invest heavily in face recognition R&D

NEC's #1 Performance has been validated by every US NIST test report since 2009!

1989

2009

MBGC

Multiple Biometric Grand Challenge

2010

MBE

Multiple Biometrics Evaluation

2013

FRVT

Face Recognition Vendor Test

2017

FIVE

Face In Video Evaluation

#1

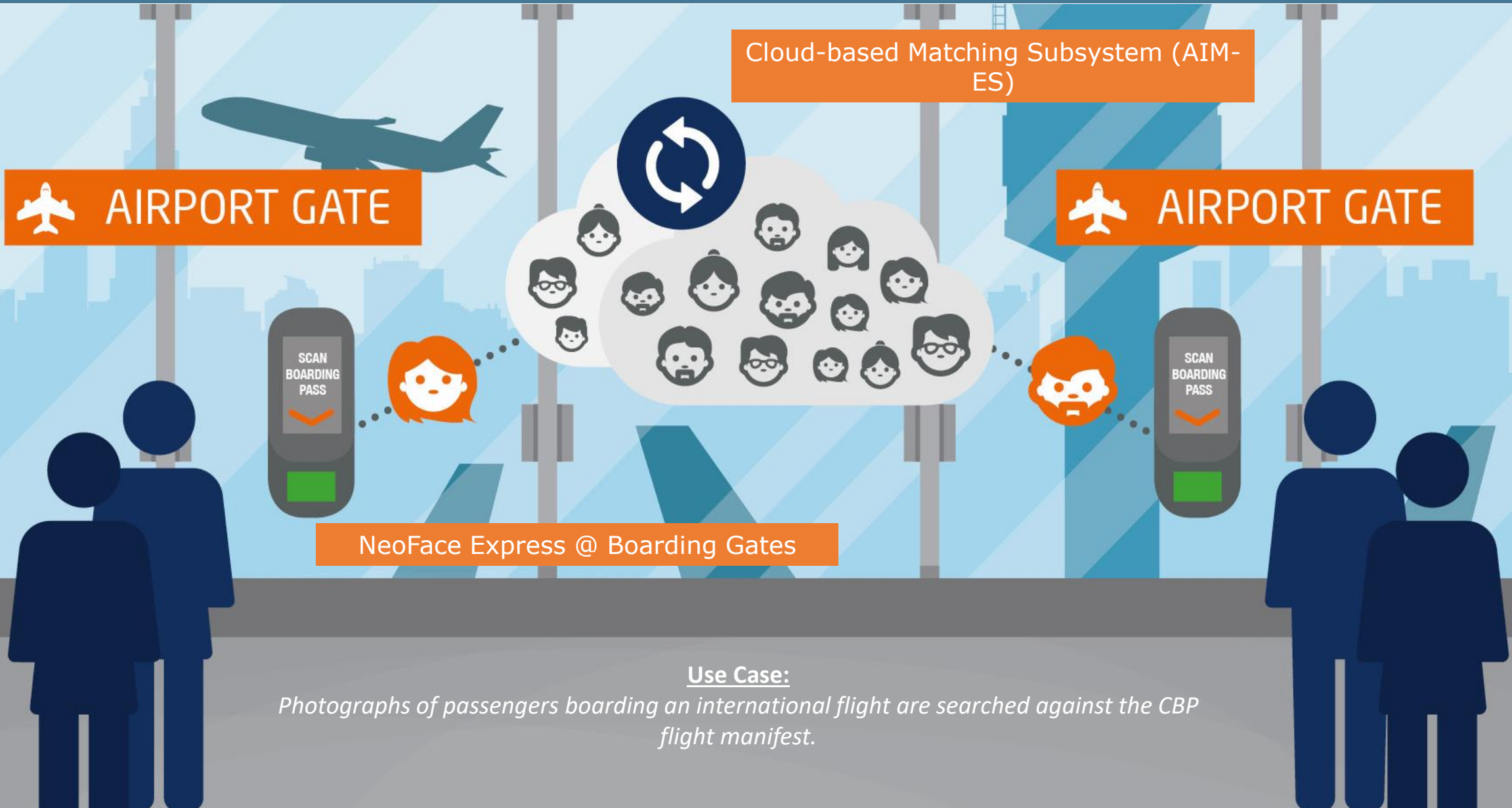
#1

#1

#1

Results of the test are not intended to imply recommendation or endorsement of particular products by the U.S. government.

US Air-Exit Program



Expedited Checkpoint Security

Deliver a more efficient,
friction-free experience
for travelers.

- Security Check-in
- Self-Service Bag Drop
- Self-Service Boarding Gates
- Air Entry/Exit
- Deployed at Atlanta, JFK, Dulles, Houston (x2), Chicago, Miami and Las Vegas
- Enrollment using Mobile Device/First Use
 - Token for the day or
 - Opt-in programs



Expedited Lounge Access

Deliver an enhanced guest experience for your most valued customers

- Personalized
 - Flight and upgrade status
 - Seat assignment
 - Destination weather
 - Wayfinding to gate
- Expedited POS transactions



Enhanced Flight Information Display

Minimize travel anxiety so guests spend more time shopping and less time at the gate

- Display personalized boarding gate location, when to get there, and how to get there
- Tailored offers
- Redirect customers to underutilized retail assets



Security and Surveillance

Helps you enhance safety, investigate events and prevent recurring incidents.

- Detect unwanted individuals
- Automate alerts to security personnel
- Perform forensic searches
- Audit access to secure areas



**Known Bag Thief
Alert Security**

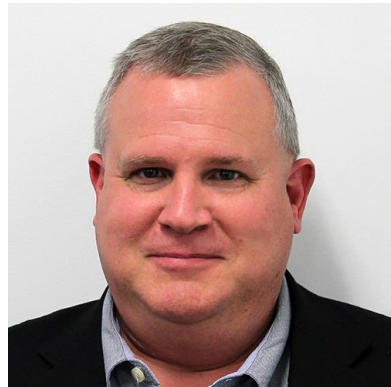
NeoFace | Secure and Frictionless Future



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