

RSA[®]Conference2019

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BETTER.

SESSION ID: PRV-TO8

Use of Facial Recognition to Combat Terrorism and Make International Travel More Secure

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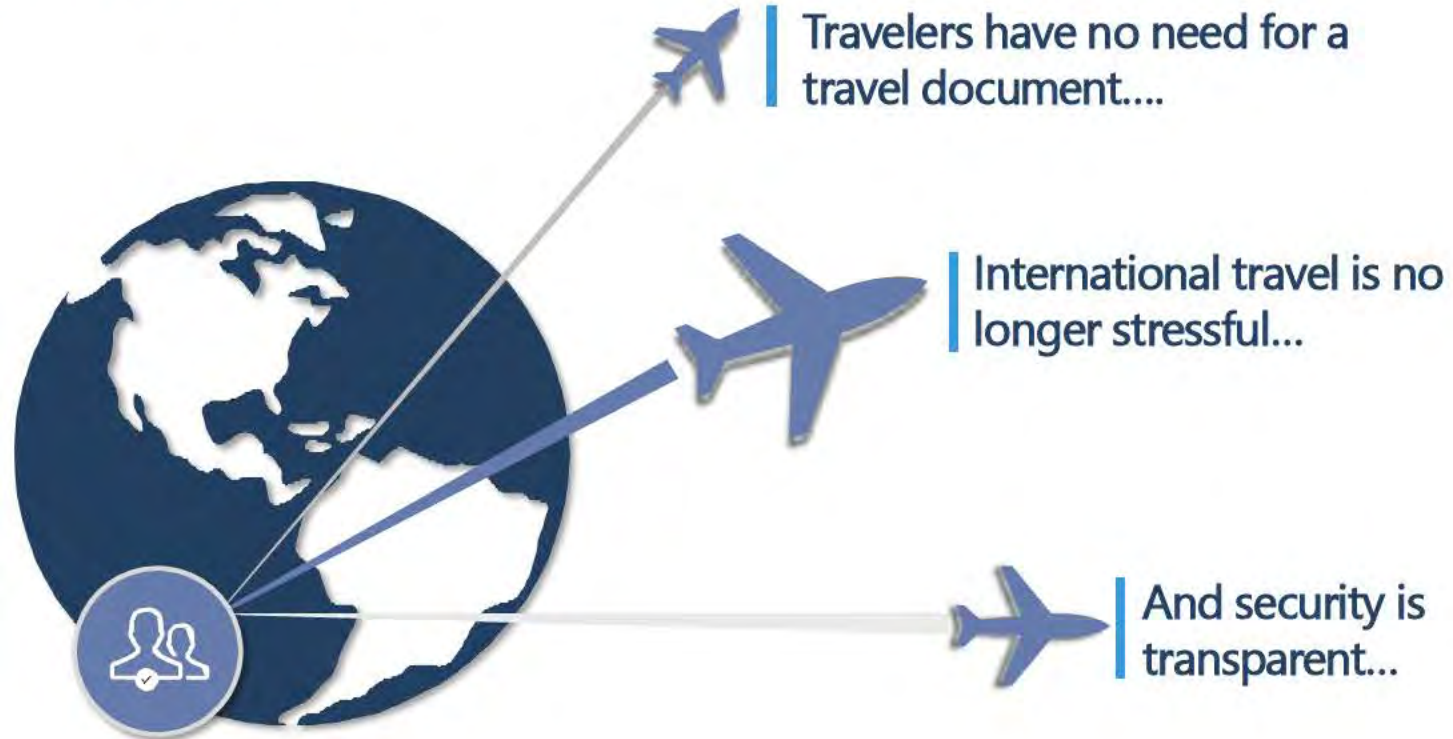
Member, DHS Data Privacy &
Integrity Advisory Committee

CEO and Founder
BLACKCLOAK

#RSAC

CBP's VISION | THE FUTURE OF TRAVEL

Imagine a world where...



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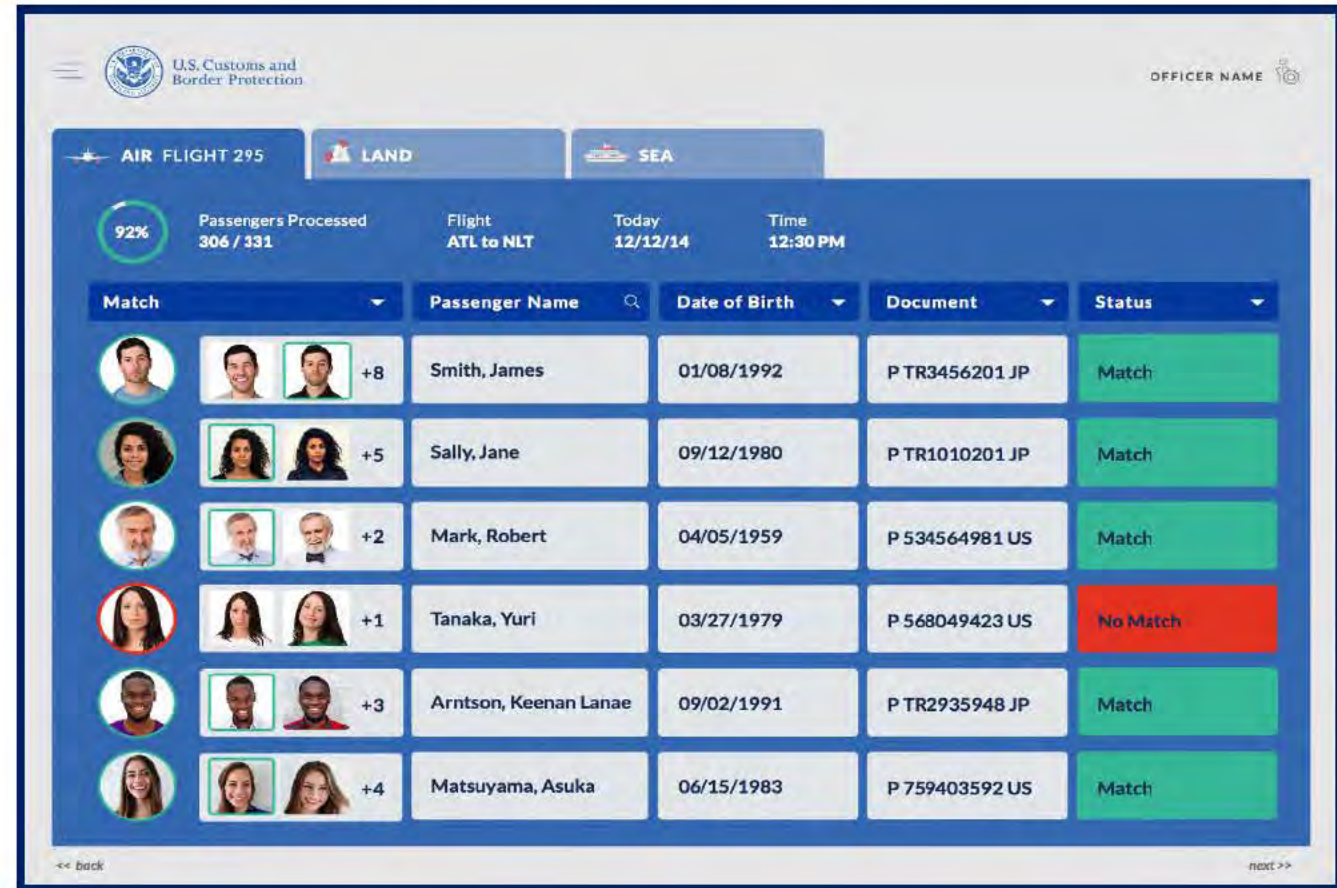
SIMPLIFIED TRAVEL | HOW IT WORKS



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CBP's INVESTMENT | A FACIAL MATCHING SERVICE

TRAVELER VERIFICATION SERVICE















U.S. Customs and Border Protection

OFFICER NAME

AIR FLIGHT 295 LAND SEA

92% Passengers Processed 306 / 331 Flight ATL to NLT Today 12/12/14 Time 12:30 PM

Match	Passenger Name	Date of Birth	Document	Status
  +8	Smith, James	01/08/1992	P TR3456201 JP	Match
  +5	Sally, Jane	09/12/1980	P TR1010201 JP	Match
  +2	Mark, Robert	04/05/1959	P 534564981 US	Match
  +1	Tanaka, Yuri	03/27/1979	P 568049423 US	No Match
  +3	Arntson, Keenan Lanae	09/02/1991	P TR2935948 JP	Match
  +4	Matsuyama, Asuka	06/15/1983	P 759403592 US	Match

<< back next >>



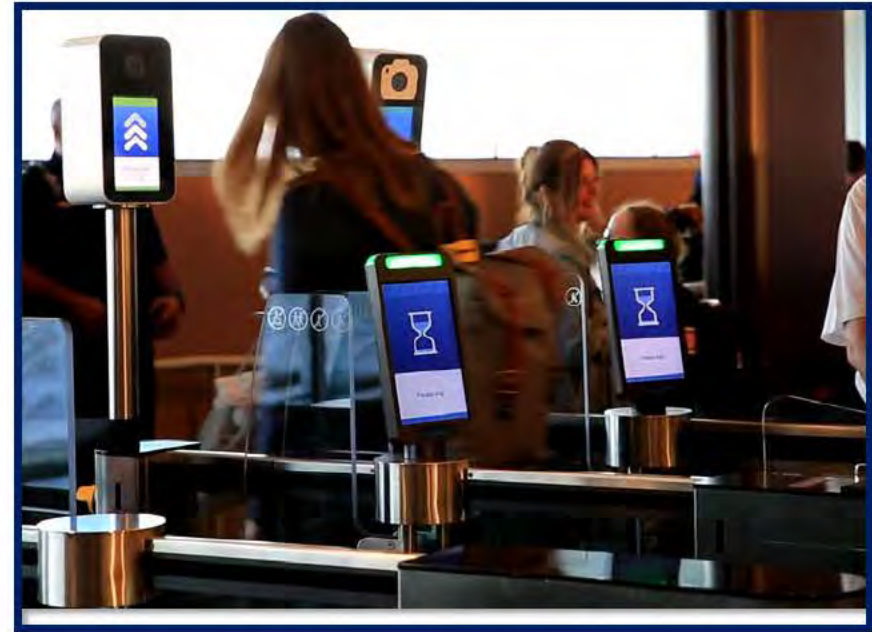
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BIOMETRIC EXIT | PARTNER SOLUTIONS IN ACTION

JetBlue Paperless Boarding at Boston Logan



British Airways E-gates at Orlando MCO



BIOMETRIC PROCESSING | PERFORMANCE



Air Exit

11,961

exit flights processed

1.77 M

exit passengers



Air Entry

76,890

entry flights processed

6.45 M

entry passengers



Land Entry

1.16 M

pedestrian entries processed

56

pedestrian imposters detected

All biometric match rates modes match in the high 90 percentile

- + CBP has engaged in a partnership with NIST to evaluate CBP biometric data performance and recommend enhancements.
- + Specific areas evaluated will include bias and algorithm recommendations based on CBP's various operational environments.



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SIMPLIFIED TRAVEL | BENEFITS

By Partnering with CBP, our stakeholders will see benefits from entry to exit utilizing our matching service including:

- + Faster Flight Clearance Times on Arrival
- + Faster Boarding Times
- + Enhanced Customer Experience
- + Better use of CBP Staffing



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BIOMETRIC PROCESSING | SECURITY & PRIVACY BY DESIGN

- + Transparency
- + Public Notice
- + Limited Retention of Photos
- + Enhanced Security Measures
- + Minimizing Algorithm Bias



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QUESTIONS?