

Facing the Future Renewing Innovation in Border Clearance

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Pacific Northwest's Success on Innovation

- Borders
- Security
- Cooperation
- Technology



THE BORDER GOES DIGITAL

Learn more about Primary Inspection Kiosks

Changing Nature of Mobility as a Service (MaaS)

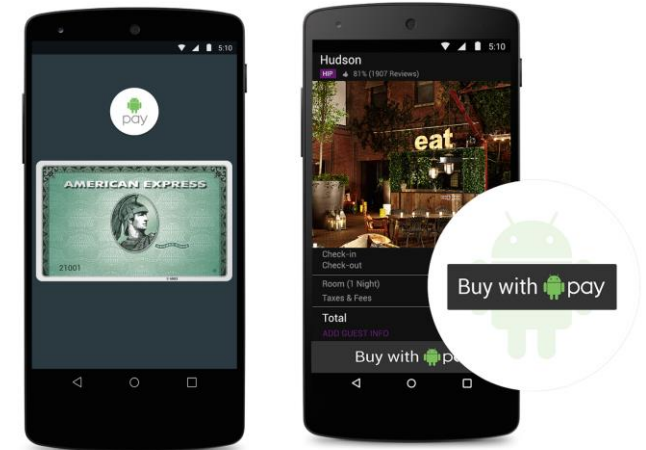
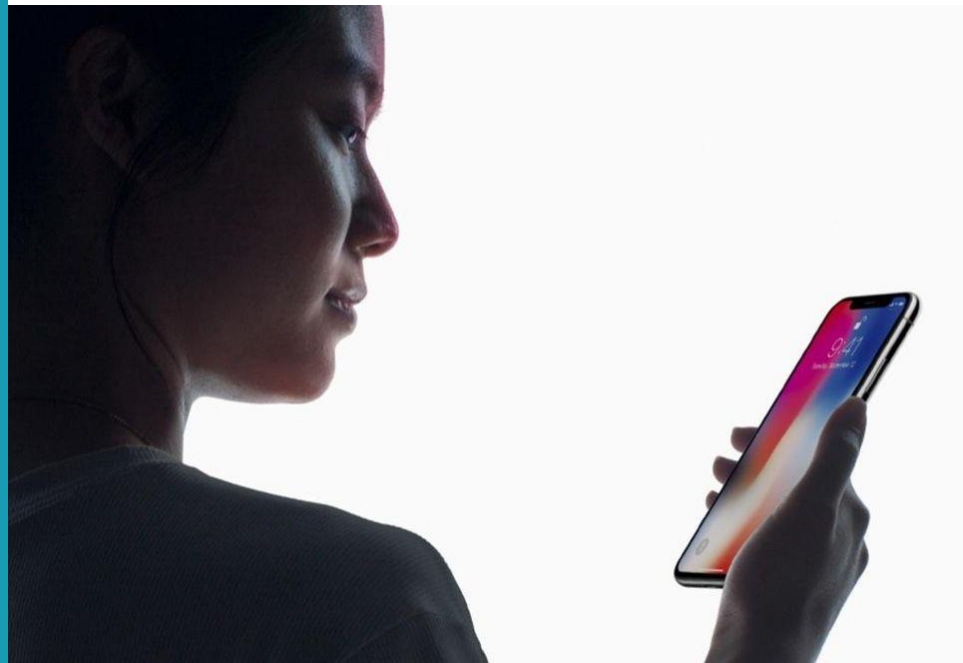
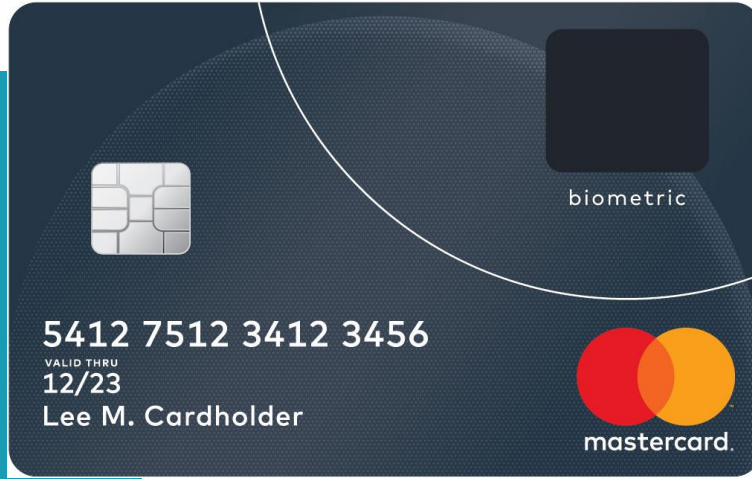
We are focused on today's modes crossing borders...

...but tomorrow's services are coming!



Consumer Biometrics is Accelerating

Moving past the 4-digit PIN



What is
the future
of identity?



82%

Of travelers want to use a digital passport
on their smartphones

-IATA October 2017

Technology Acceleration

Transformation of Entry Process for CBP



To 2011

Manual processing
Paper-based forms
Webcam-grade biometrics

Resource Implications

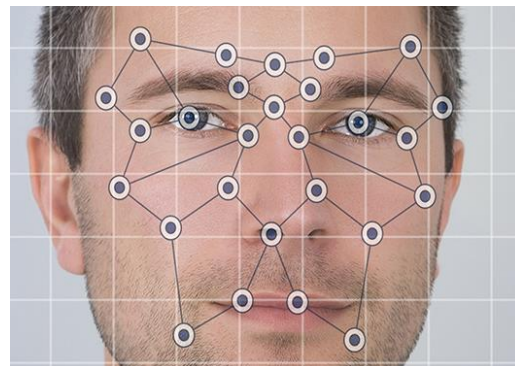
+ 2 minutes or more



2012-17

Automated Passport Control
iOS/Android Mobile Passport Control

40% Improvement



2017-2022

By FY 2019: 80% facial biometrics
Integrated with existing systems
No new kiosks

70-80% Improvement

Traveler Verification Service

Managed Data Sharing with Private Sector Benefits

U.S. Customs and Border Protection

DELTA FLIGHT 295

92% Passengers Processed 306 / 331

Flight ATL to NLT Today 12/12/14 Time 12:30 PM

MATCH	PASSANGER NAME	DOB	DOCUMENT	STATUS
	Smith, James	01/08/1992	P TR3456201 JP	Boarded
	Sally, Jane	09/12/1980	P TR1010201 JP	Boarded
	Mark, Robert	04/05/1959	P 534564981 US	Boarded
	Tanaka, Yuri	03/27/1979	P 568049423 US	No Match
	Arntson, Keenan Lanae	09/02/1991	P TR2935948 JP	Boarded
	Matsuyama, Asuka	06/15/1983	P 759403592 US	Boarded

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Traveler Verification Service

Early results positive

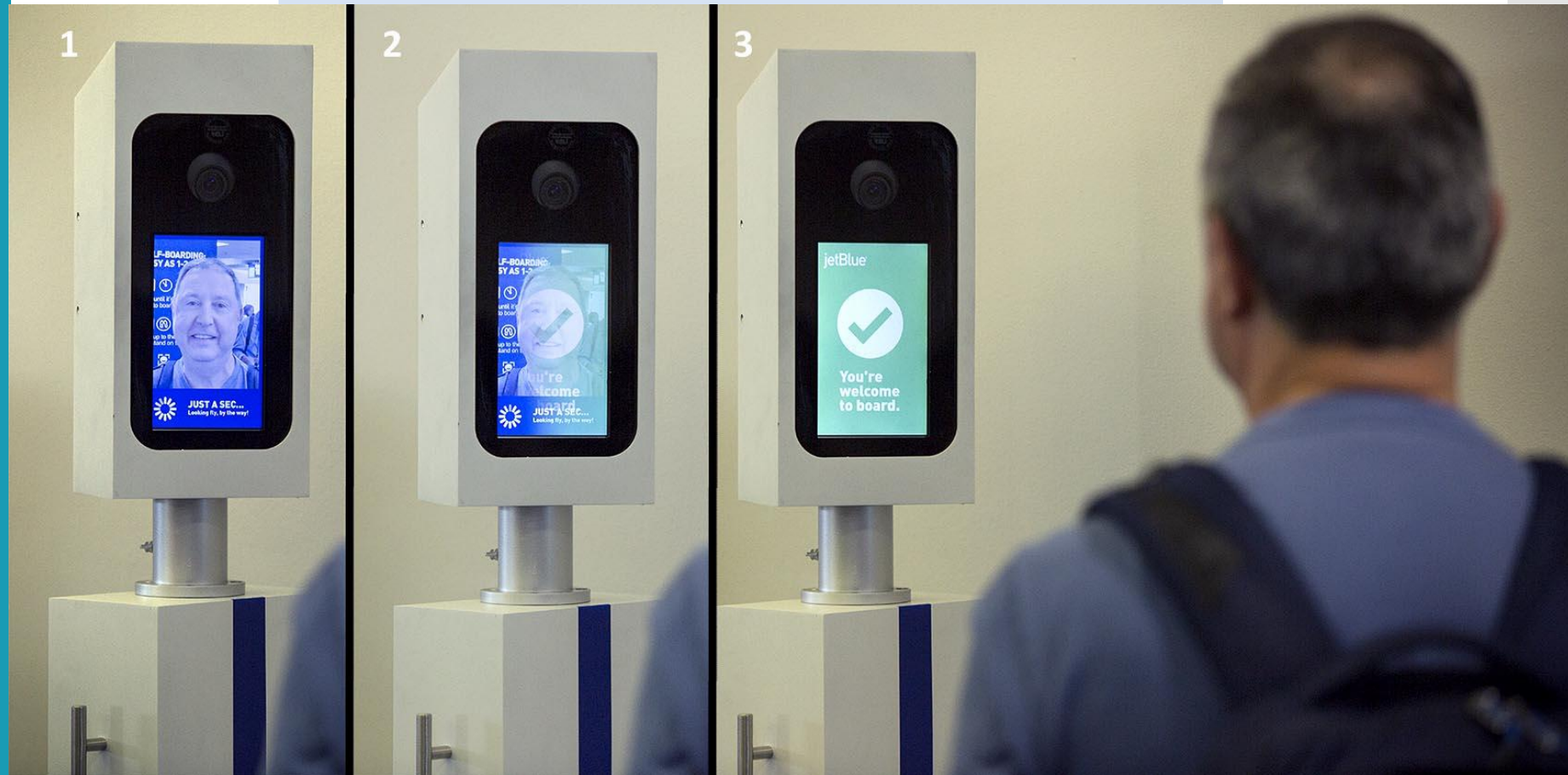


jetBlue

SELF-BOARDING



First airline to integrate with U.S. Customs & Border Protection (CBP) on photo matching to innovate the customer experience.



PAPERLESS & DEVICELESS.

No need to show a boarding pass or passport. Your face is your boarding pass.



SIMPLE & SEAMLESS.

Just stop, snap and make your way down the jet bridge.



ADDED SECURITY.

Trusted SITA technology transmits photo directly to CBP database to verify identity.

Remote Interviews

Already happening at CBSA & CBP



Current limitation: one-by-one transactions

The Potential
(for all modes)

Pilot projects
sought!!!



What if technologies were available that could help authenticate biometrics before the border?

MATCH	PASSANGER NAME	DOB	DOCUMENT	STATUS
+8	Smith, James	01/08/1992	P TR3456201 JP	Boarded
+5	Sally, Jane	09/12/1980	P TR1010201 JP	Boarded
+2	Mark, Robert	04/05/1959	P 534564981 US	Boarded
+1	Tanaka, Yuri	03/27/1979	P 568049423 US	No Match
+3	Arnison, Keenan Lanae	09/02/1991	P TR2935948 JP	Boarded
+4	Matsuyama, Asuka	06/15/1983	P 759403592 US	Boarded

Economic Summit & Improving PNWER transportation connectivity

- Major legislative and regulatory in place thanks to Beyond the Border
 - Immigration data sharing (2012)
 - To be implemented fully
 - Entry/exit data
 - LMRA Preclearance
- Innovation does not wait for regulations – it never has in PNWER
- There are tools being used to modernize CBSA, CBP – that have potential application locally
- CBP in its Transformation Office has a Project Zone
- Additional partnerships possible with the right business case with CBSA
- Vision is needed to ensure current investments are incremental to a “future state”
 - Privacy by Design (PbD) critical to public and private sector obligations

Questions?

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Australia 2020



The agency's "Strategy 2020" report outlines its pursuit of increased technology at Australian entry points as a means to reduce wait times while allowing reallocation of agents into "areas requiring assessment, judgment, and agile operational response."

China Southern
Pilot

HKIA

