



Ministry of Security and Justice

Integrated Border Management in the Netherlands

Benefits and challenges

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Innovation Border Management

Improving mobility for the low risk traveler

whilst

Ensuring at least the same quality of security



Innovation Border Management

- Focus on passenger perspective
- Simplifying the process flow with less hassle for the traveler
- Focus on facilitating the “known” traveler
- More attention on the “unknown” traveler
- Increasing number of pax; further growth for Amsterdam Schiphol Airport
- Integrated approach public/private partnership



Innovation Border Management

- **ABC**
 - Public Private Partnership
- **Registered Traveler programmes for frequent travelers**
 - Privium
 - Orange Lane
 - Flux



State of play

- **2012 Introduction of ABC at Schiphol Airport**
 - EU/EEA citizens
 - E-passport
 - Facial Recognition
 - ABC on Departure, Transfer and Arrival
 - PKI traveldocuments
 - Membership ICAO PKD

- **2013 pilot ABC for Minors**





State of play continued

- **2002 Introduction of Privium**
 - Voluntary service program at Schiphol airport
 - Fee based
 - Vetting
 - Biometrics (iris) on smart card
- **2009 Registered Traveler Program for US Global Entry members (FLUX)**
 - Connection between national Programs;
 - From unknown to known traveler
 - Voluntary
 - Fee based
 - Vetting (strict standard)
 - Biometrics (iris) on smart card





Benefits of ABC/ RTP

- High quality of e- passport check
- High quality of facematch (threshold: 85)
- FAR: 0,07
- FRR: 10
- Stabilized software
- 1.000.000 users within January- July 2013
- Increased number of border crossing points
- Travelers are generally positive about the e-gates (process and less queues)
- Happy flow for 90% travelers
- More known travelers
- Accomodate growth of the airport without increasing the number of border guard staff
- RTP members represent 1% of travelers but 10% of border crossings.





Challenges

- Determining the type of Biometrics used (*Facial recognition or Fingerprints or Iris, or...*)
- Threshold facematch high, but high FRR
- Relatively high number of first time users; user errors
 - Passengers wear dark sunglasses;
 - Passengers wear hats/ caps;
 - Passengers don't look into the camera.
- Improvement of signage
- Target new user groups.





Future challenges

- Integration of ABC and RTP
- Interface Advance Pax Information (API) with ABC
- Interface with Entry and Exit System (EES) and avoid the obligation to stamp passports
- Facilitate the e-boarding process



For the coming 5-6 years ABC is conditional to create a seamless passenger flow for the known and low risk traveler





Questions?