SPT - the way travel should be!
Check-in, security and border clearance processes are resource intensive.

High staff costs, cumbersome procedures that discourage travel and hinder effective border and security screening.

Aviation industry is recovering:
- Congestion issues will return.
- Borders will become increasingly difficult to control.

A new more effective process is required.
To measurably improve the passenger experience and enable security enhancements by:

- implementing biometrics and other new technologies;
- sharing information amongst service providers;
- enabling controls and services to be effected more efficiently.
The aim is to improve the passenger travel experience by replacing repetitive checks of passengers and their documents with a new streamlined system.

The new system will collect the information *once* and then share it electronically with subsequent service providers.
The automated system would use biometrics as a means of verifying the identity of the passenger.

Real-time queries with government databases would not only improve aviation security but also national security.
SPT Stakeholders

- Passengers: less hassle travel
- Airlines: customer satisfaction
- Airports: better resource use
- Customs & Immigration: improved controls
- Governments: efficient transport systems

...AND EVERYONE WANTS TO INCREASE SECURITY AND REDUCE COSTS
Catalysts for Change

- Biometrics in passports
  - US legislation deadline 26 Oct 2004
  - Accelerated govt efforts but deadline is tight
  - ICAO Blueprint enables States to move ahead
- Mandating API and access to PNR
  - Many countries requesting additional data
SPT Vision to Reality

**Promotional**
- Catalyse industry change

**Theoretical**
- Process mapping and re-engineering

**International Standards and Legislation**
- International standards
- International, regional and national laws

**Practical**
- Pilot testing of SPT System
Amsterdam – Privium
• Border clearance + – iris recognition
Australia – SmartGate
• Border clearance – facial recognition
Japan – e-Airport
• Check-in, security, RFID baggage – facial, iris
Canada – CANPASS-Air
• Border clearance – iris recognition
Germany – Automated Border Control (ABC)
• Border clearance – iris recognition
SPT Trials/Services

✈ Amsterdam – Privium
  • Border clearance + – iris recognition

✈ Australia – SmartGate
  • Border clearance – facial recognition

✈ Japan – e-Airport
  • Check-in, security, RFID baggage – facial, iris

✈ Canada – CANPASS-Air
  • Border clearance – iris recognition

✈ Germany – Automated Border Control (ABC)
  • Border clearance – iris recognition
- **Singapore** – Immigration Automated Clearance System (IACS)
  - Border clearance – fingerprint
- **UAE** – E-Gate
  - Border clearance – fingerprint
- **UK** – Trial at London Heathrow T3 & T4
  - Border clearance - iris recognition
- **Planned**
  - NEXUS-Air – Canada/US border clearance
  - USAccess – LHR-IAD check-in, security, US border
UK Trial at LHR T3 & T4
Challenges

 Biometrics
  • standardize procedures, technology & data

 Legalities
  • international data privacy issues

 Advance Passenger Information (API)
  • what data, where to collect, how long to keep

 Cost-effective solutions
  • balance between commercial and govt needs

 Registered Traveller Programs
  • standard policies for checks and data integrity
Challenges

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Recommendations

- Biometric in MRTD – identity token for pax
- 2\textsuperscript{nd} biometric needed for interoperability and robustness
- Use biometric identity as risk management tool
- Test/implement multi-country automated biometric-enabled inspection process
- Use biometric identity confirmation as part of Registered Traveler Program
Benefits

- More efficient and secure passenger authentication
- Removal of low risk passengers from primary inspection allows better use of resources – use for higher risk passengers
- Reduction in fraudulent documents and inadmissible passengers
Benefits

- Optimization of facilities – increased capacity and reduced congestion
- Expedited processing of passengers through security – according to risk
- Easier, quicker travel experience for passengers
- Lower costs for all parties
Conclusion

- We now have the tools
- Put biometrics in MRTDs
- Use the Technology available
- Let’s move forward to improve security yet reduce the hassle passengers experience

- SPT is available to assist

http://www.simplifying-travel.org
Thank you!