SPT - the way travel should be!
Current Environment

- 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
SPT Vision

✈ 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
**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
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SPT Trials/ Services

- **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

- **Biometrics**
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Recommendations

- Biometric in MRTD - identity token for pax
- 2nd 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
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!