



Simplifying Passenger Travel

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**



SPT Vision

- 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.



SPT Vision

- **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



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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



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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**



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!