

Border Management

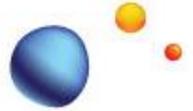
Making your borders more secure with
APP PNR
28.11.2012

By: Jean-François Huergo

SITA

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Thank you...

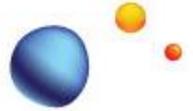


- ...to the Government of Zimbabwe for their kind invitation and hospitality
- ...to ICAO for their superb organization

The banner features the ICAO logo at the top left and the text "INTERNATIONAL CIVIL AVIATION ORGANIZATION" at the top center. Below this, the Zimbabwean coat of arms is on the left and a colorful circular logo is on the right. The main text, "ICAO Regional Seminar on MRTDs, Biometrics and Border Security", is centered over a world map. Below the title, the dates "27 - 29 November 2012" and the location "Elephant Hills Resort, Victoria Falls, Zimbabwe" are displayed. The background of the banner is a sunset over a landscape with trees.

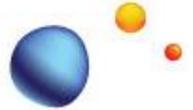
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Agenda



- The question
- The context
- The dynamics
- APP/PNR
- Advance Risk Assessment System
- Benefits for key stakeholders
- Conclusion

The Question



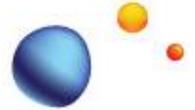
- How does APP/PNR help a Government to improve National Security?

The Context



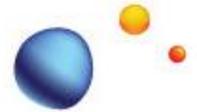
- Continuous Security Threat
- Air Transport remains a target
- Air Traffic continues to grow in the new World
- Higher traveller expectations in terms of air travel facility
- Increased attention to sophisticated criminality
- No arbitrage possible between passenger facilitation and national security
- Need to improve national security at an affordable cost for all parties (Governments, Airlines, Travellers)
- Respect privacy concerns

Is this effective Security?



- Is this the best usage of your security staff?

Do these children pose threats?



Looking for Bombs or Bombers?



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But there is a reality...

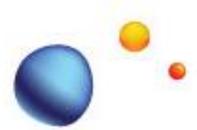


Jet Bomber December 2009 Amsterdam-Detroit

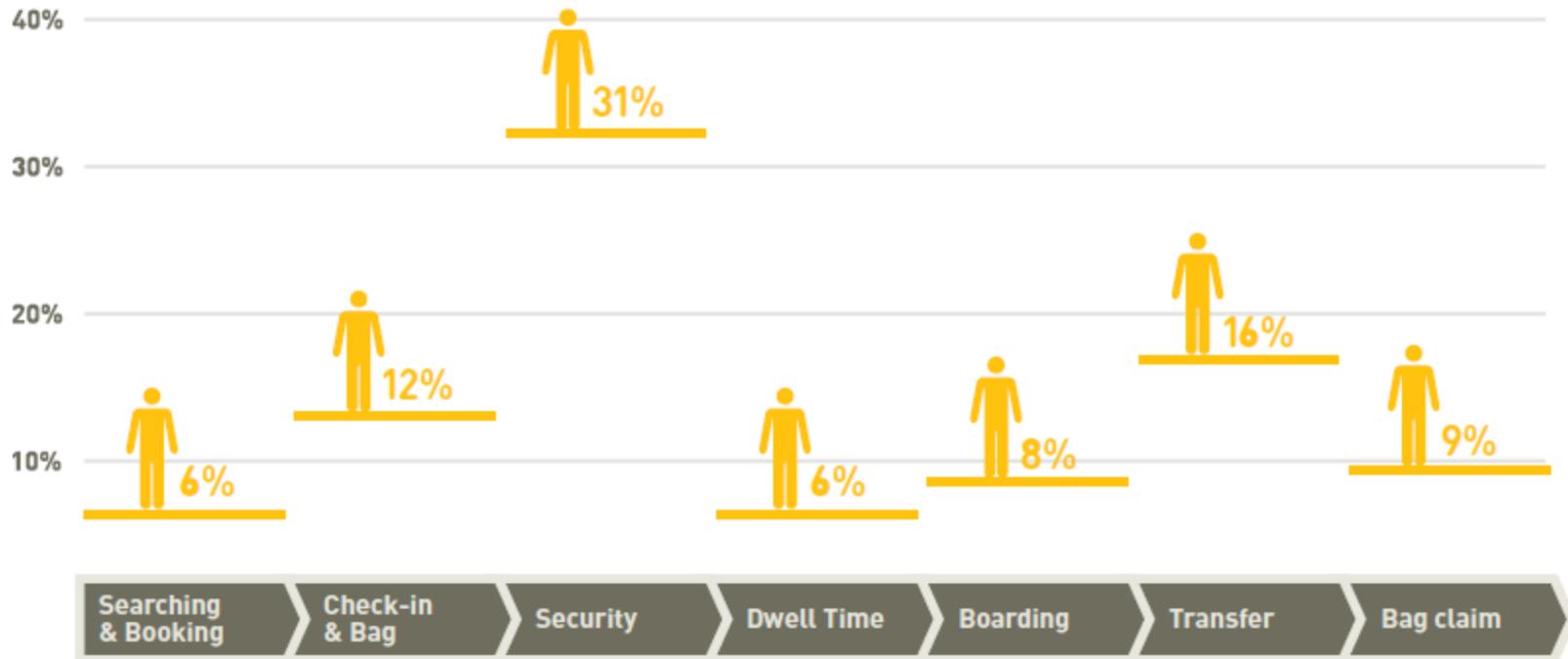
- Cash payment
- Ticket purchased from airport
- One-way ticket
- No hold luggage
- Suspicious route
- Identified on a US Watch list

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In front of that you need to treat massive number of passengers...



Passenger Opinion on the Most Stressful Part of the Journey



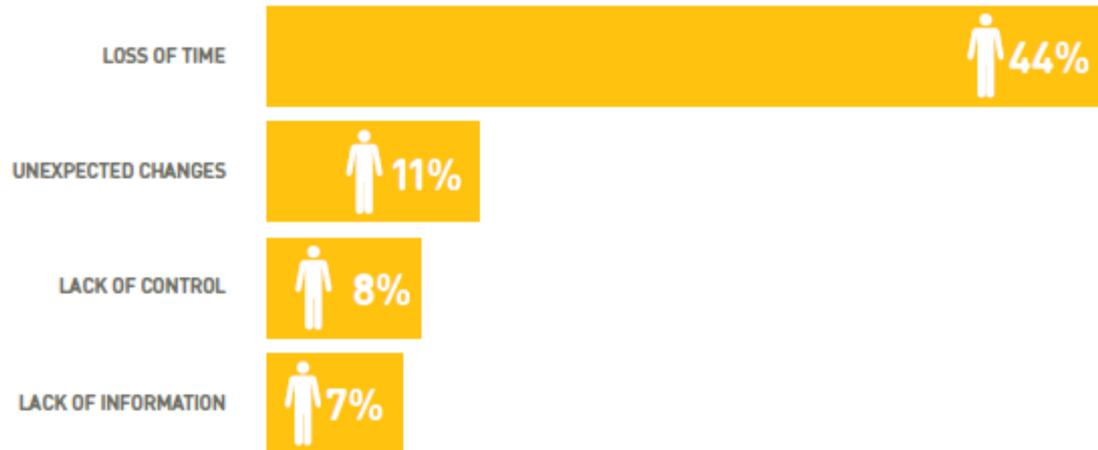
- Source: SITA/ATW 2012 Passenger Self-Service Survey

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The passenger's view

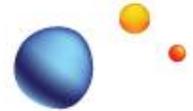


Reason for Stress

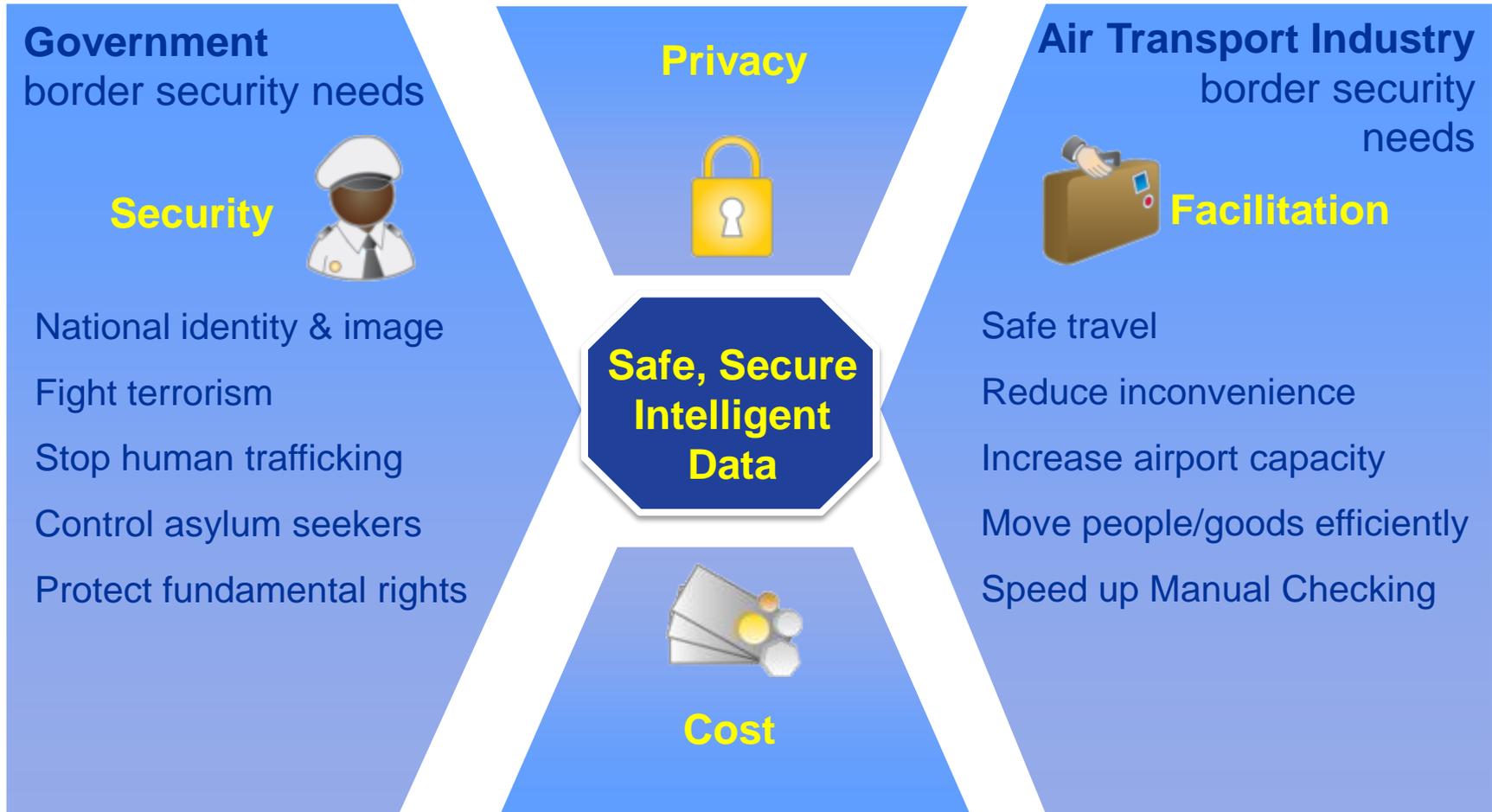


- *Source: SITA/ATW 2012 Passenger Self-Service Survey*

Border management dynamics



Security and facilitation are ATI and governments' shared goals



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Passenger Name Records

Booking & Check-in Data



- Airlines collect a great deal of information as part of their standard booking and check-in processes:
 - payment,
 - full itinerary (past & future),
 - contact data,
 - accompanying passengers, baggage, seating, etc.
- This data is useful for risk assessment and can be used to detect higher risk passengers, suspicious routes or behavior
- However, booking data usually lacks ID information (passport or visa not provided at time of booking, only at check-in)

Advance Risk Assessment System (ARAS)

Data

- Advance passenger data (APP)
- Reservation & check-in data (PNR)
- Visa Data
- Biometric Data



Techniques

- Standardize data
- Pre-screening of passengers prior to departure
- Identify suspects
 - Using watch lists and alert processing
 - Risk scoring



Intervention

- While abroad (deny boarding)
- On arrival
- On departure
- During transit/transfer

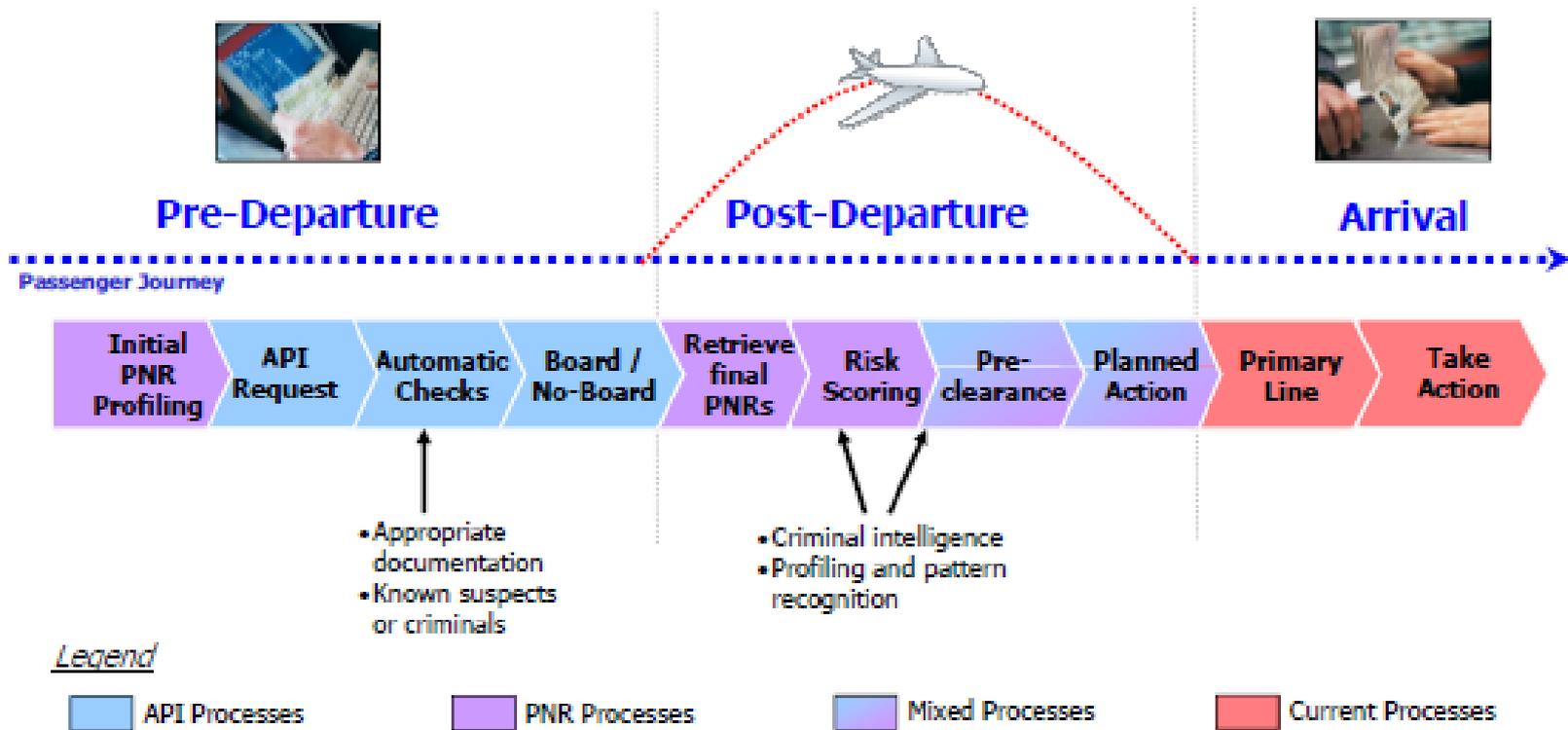


Advance Risk Assessment Engine extends your borders beyond your physical borders

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Integration Into Air Travel Processes



Benefits of ARAS for Key stakeholders



Governments

- Allows detection and prevention *in advance* of flight
- Facilitate border clearance for most travellers on arrival
- High risk passengers receive closer attention earlier
- Improves intelligence on visitors to your country
- Captures and stores pax data records for the future
- Allows integration between governmental services



Airlines

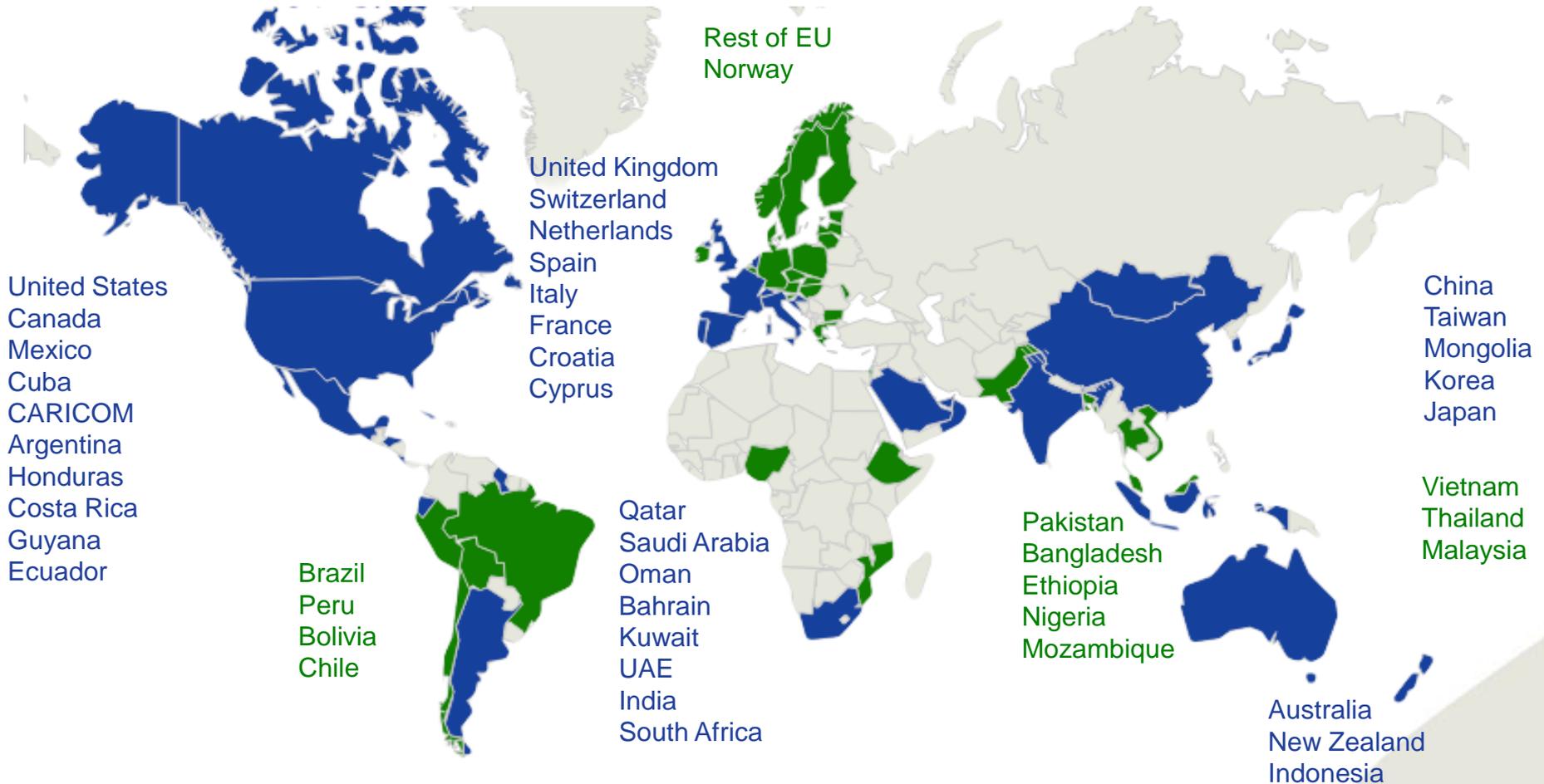
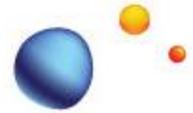
- Security of Air Transport is improved
- Avoidance of penalties and fines



Passengers

- Improved experience at Border control improves country image too
- Increased confidence in air transport

Global Passenger Data Requirements

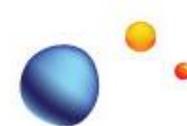


Current



Various Stages

Governmental trends



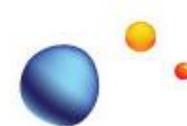
- Moving from low-value data feed to intelligent risk assessment engines
- High Risk passengers receive closer attention
- Move from physical in-land borders to extended virtual borders
- Identity Management through Biometrics
- Data analysis and risk assessment
- *Know who plans to come in your country rather than discover who arrives in your country...*



Conclusion



Conclusion



- Advance Risk Assessment System using pre-clearance information such as APP/PNR is a powerful tool to help protecting your country from the most advanced and organised crime
- Today, most Governments look to adopt new technological solutions to improve Border Management
- Proliferation of incompatible standards, driving up operational and financial costs, needs to be avoided
- SITA IT Solutions and unique experience in the domain of Pre-Clearance Systems makes us a first choice partner for Governments in this domain.

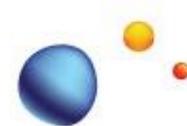


How can SITA help you?



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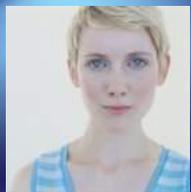
Who is SITA?



We are the world's leading provider of IT business solutions and communication services for the air transport industry



We are a Cooperative owned by over 600 airline, airport, aerospace, cargo and GDS members, with over 1800 customers worldwide



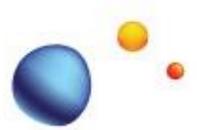
We are unique in delivering integrated communication and IT solutions, on a global basis, for the air transport industry

We do this through a single supplier relationship

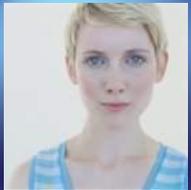


We are local, globally, with a presence in 220 countries and territories over 4,000 staff worldwide 140 nationalities, speaking over 70 languages

SITA will bring...



- Deepest Border Management Experience
- Widest Global Footprint
- Strong Local Presence covering the Government and the Air Travel Community

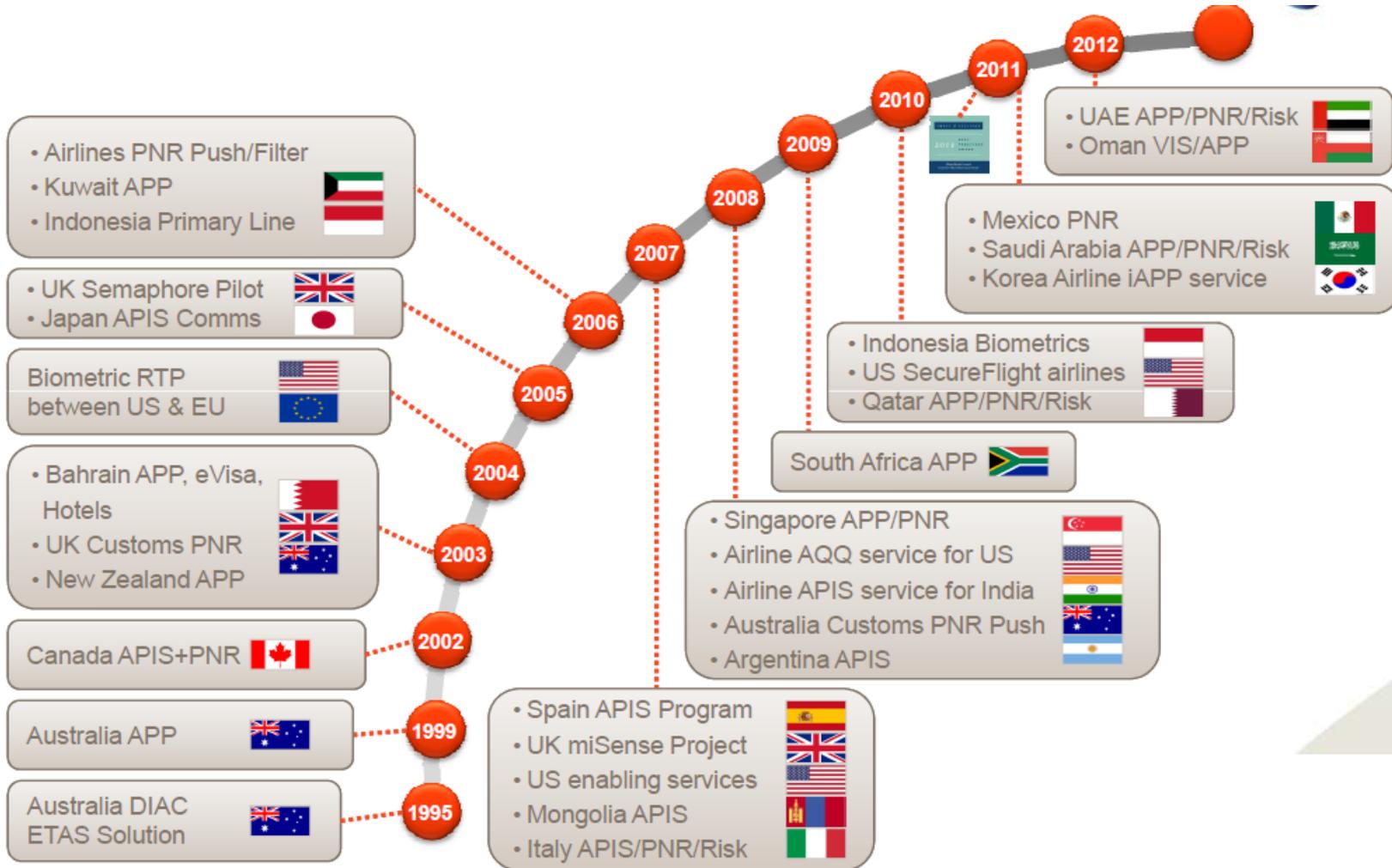


- End-to-End Integrated Solutions
- Proven Delivery Track Record – On-time and On-



- Budget
- Industry Leading Customer Satisfaction Ratings

SITA Track Record



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**INDUSTRY
RECOGNITION**

Frost & Sullivan

2011 Global Customer Value Enhancement Award in border control



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Thank you

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