ICAO Symposium on Innovation in Aviation Security

Security of the Future - Innovative passenger processing and airport infrastructure

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Airline operating environment and risk context:

- Increasing complexity of the external risk environment
- Present and emerging threats - adaptable adversaries
- Demands from regulators - evolving compliance requirements
- Challenges of ‘affordable security’ to alleviate facilitation pressures
- Strong competition, market volatility, high operating costs
- Forecast growth and a passion to improve the customer experience
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Regulation and Infrastructure:

- State support to Industry and Public Private Partnerships - IATA/ACI SMART Security
- Participation in Policy debate - challenging the status quo
- Shape and influence regulation - achieve regulatory amendment simplification to support outcome focussed risk based security
- Influence the design and implementation of Airport infrastructure
- Encourage and facilitate introduction of differential screening to relieve pressure on the system
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Process and Data:

- Support the expanded use and exchange of passenger data for enhanced security and facilitation outcomes
- Differential screening using passenger data and biometric enrolment
- Encourage States to support and resolve challenges of non-standard API/PNR programs.
- One stop security mutual recognition & harmonisation of standards
- Integration of Border, Facilitation and Security functions – does the future demand a new approach - a single entity at the Airport
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Technology:

- Example - Qantas Next Generation Check-in a step change in passenger facilitation highly automated RFID and CCTV Technology
- Encourage States to support Advanced Technology R & D
- Improve timelines and simplify processes for Advanced Technology certification and accreditation
- Embrace technology that supports facilitation and security outcomes automated threat detection algorithms and biometrics
- Take calculated risks….have courage…make a difference….!!
NGCI SELF-SERVICE CHANGE FOR TRAVELLERS

- New check-in kiosks
- Self baggage tagging
- Permanent bag tags
- Fully automated bag drop
Technology & Innovation
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