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To represent, lead and serve the airline industry



# Smart Security Stakeholders



# Smart Security Guidance

- Based on trials and implementations from global Smart Security stakeholders, guidance has been developed on the following topics:
  - Checkpoint Design and Automation
  - Remote screening/multiplexing
  - AIT
  - CT and EDS
  - EDD/ETD
  - Passenger Differentiation/risk based screening

# Structure and Content

- Deployment models
- Operational, technical and regulatory considerations
- Human factors
- Quick reference guides

# Smart Security Quick Reference Guides

➤ Quick reference guides exist for all topics

Area		Ref	Key Considerations	Stakeholders to consult / Criteria to be sourced from
System Requirements	Technology	1.1 1.2	<ul style="list-style-type: none"> <li>Evaluate type of technology required (Dual View x-ray, CT, etc.) to deliver desired benefits of:                             <ul style="list-style-type: none"> <li>Passenger experience</li> <li>Security effectiveness</li> <li>Process efficiency</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> <li>National regulator</li> <li>Airport business case</li> </ul>
	Integration		<ul style="list-style-type: none"> <li>Ability of the equipment to integrate in an existing automated lane</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> </ul>
	Equipment intelligence		<ul style="list-style-type: none"> <li>Identify which equipment intelligence features are available for deployment balancing security benefits against operational constraints</li> </ul>	<ul style="list-style-type: none"> <li>Airport business case</li> <li>Equipment vendors</li> <li>National regulator</li> </ul>
Equipment Considerations	Alarm Resolution Screens (Secondary search)	3.2	<ul style="list-style-type: none"> <li>Location of secondary screen</li> <li>Results communication between screener and search officer (no communication, verbal or via annotations in the bag's image/software)</li> <li>Ability to perform targeted search</li> </ul>	<ul style="list-style-type: none"> <li>Airport business case</li> <li>Equipment vendors</li> <li>National regulator</li> </ul>
	Maintenance	1.1	<ul style="list-style-type: none"> <li>Plan for heavy and light maintenance periods as well calibration requirements</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> </ul>
	Testing	1.3	<ul style="list-style-type: none"> <li>Determine testing requirements - both officer and equipment</li> <li>TIP</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> <li>National regulator</li> </ul>
	Cost	1.1	<ul style="list-style-type: none"> <li>Airports should develop a business case to identify links between initial purchase price and on-going costs across a number of years.</li> </ul>	<ul style="list-style-type: none"> <li>Airport business case</li> <li>Equipment vendors</li> </ul>
	Size	1.3	<ul style="list-style-type: none"> <li>Discuss space requirements with manufacturers and ensure appropriate spacing between lanes for equipment maintenance and servicing.</li> <li>Right bump / Left bump</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> </ul>
	Data Capture and Reporting	1.5.5 3.4	<ul style="list-style-type: none"> <li>Discuss requirements with manufacturers to assess whether equipment could be networked and how data is collected and stored</li> <li>If networking allows for CIP (Centralised Image Processing)</li> </ul>	<ul style="list-style-type: none"> <li>Airport business case</li> <li>Equipment vendors</li> </ul>
	Electrical/Power Requirements	1.1	<ul style="list-style-type: none"> <li>Determine power requirements and factor into planning</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vendors</li> </ul>

# Smart Security Extranet

➤ In addition, the extranet site includes information on global trials and pilots.

➤ <https://extranet2.iata.org>

➤ Register for Smart Security Resources

The screenshot shows the homepage of the Smart Security Extranet. The header features the IATA logo and a search bar. Below the header, there are navigation tabs for 'Smart Security Resources', 'Guidance Material', 'Quick Reference Guides', and 'Global Trials'. The main content area includes a 'Home' section with logos for SMART SECURITY, IATA, and ACI. A welcome message states: 'Welcome to the Smart Security Shared Resources site. Smart Security in a nutshell: A joint initiative of the International Air Transport Association (IATA) and Airports Council International (ACI), Smart Security envisions a future where passengers proceed through security checkpoints with minimal inconvenience, where security resources are allocated based on risk, and where airport facilities are optimized, thus contributing toward an improved journey from curb to airside. This site aims to share information with airports, screening authorities, regulators and similar parties interested in learning about various concepts, processes and technologies around security checkpoints. On this site you will find: Smart Security Blueprint, Guidance and Concept Documents.' The right sidebar contains three promotional banners: 'CIP Information Day September 7, 2016 Download Presentations', 'Smart Security Regional Workshop - Americas September 28-29, 2016 Download Presentations', and 'Do you know of any security innovation initiatives? Share it with us!'. At the bottom right, there is a 'Feedback and Comments' section.



# SMART SECURITY

Guidance is available to airports,  
airlines, regulators and strategic  
partners through IATA and ACI



[www.iata.org/smart-security](http://www.iata.org/smart-security)

[smartsecurity@iata.org](mailto:smartsecurity@iata.org)

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