

**Carter=Burgess**

# Passenger Processing and Screening Solutions

FAA/NASA/Industry  
Airport Planning Workshop  
Session 5: Information Technology Solutions

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challenge  
**solutions**  
creative  
**excitement**  
opportunity **speed**  
commitment

# Airport Challenges Prior to 9/11

Consultants in Planning, Engineering, Architecture, Construction Management and Related Services

- Many airports at capacity
- Budget Constraints
- Competitiveness

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# Airport Challenges - Post 9/11

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- Many airports at capacity
- Budget Constraints
- Competitiveness
- Increased Terminal congestion
- Un-funded Federal Mandates

**Result >>>> Do More with Less!**

# Role of Airport Technology

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- Support business operations
- Allow for management efficiencies and effectiveness
- *Improving tenant and passenger services*
- *Maximize utilization of assets*
- Allows for performance metrics to be established
- Supports provision of value-added services and revenue loss recovery

# Passenger Processing and Screening – Traditional Planning

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- Passenger Processing
  - Ticket counter – agent centric
  - Checked Baggage queuing at counters
- Passenger Screening
  - ID check at the counter
  - ID & BP check at the security screening checkpoint
  - Long queues
  - No prior design standards to reference – learn by trial and error

# Passenger Processing and Screening – Future Planning

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- Passenger Processing
  - Prevalent use of self-service kiosk – passenger centric for Board Pass and Bag Tag
  - Centralize Bag Drops
- Passenger Screening
  - Identification Management System for Registered Traveler – expedited process
  - Non-intrusive checked baggage screening

# Technologies – Passenger Processing

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Self-Service Kiosk



Off-Airport  
Check-in



Registered  
Traveler



US-VISIT



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# UPDATE 1-Music player, soap, set off Miami airport scare

Thu Aug 24, 2006 3:32pm ET

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## BONDS NEWS

- RPT-US labor costs up but not drastic-staffing execs
- U.S. stocks rise as oil slips to 5-month low
- Fed adds bank reserves via over-the-weekend system RPS
- US Treasuries edge up in directionless trade
- Fannie Mae, Freddie Mac bill sale calendar
- Forward Calendar - U.S. corporate bond new issues
- US stock futures rise as oil slips to 5-month low
- PNC to sell \$6 bln securities, sees \$200 mln loss
- Canadian dollar shaken by weak jobs data, bonds up
- CalPERS faults Sovereign Bancorp accountability
- More Bonds News...

(Updates throughout with source of scare identified)

MIAMI, Aug 24 (Reuters) - A suspicious suitcase that triggered an alert at Miami International Airport on Thursday turned out to contain a portable music player, a large battery and a bar of soap, police said.

Security screeners saw an alarming X-ray image when they scanned the suitcase checked by a Jamaica-bound passenger, police Detective Alvaro Zabaleta said. They closed part of the airport's baggage claim area for 90 minutes and summoned the Miami-Dade Police bomb squad.

The bag's contents were harmless and police who interviewed the owner decided she had innocently packed the large, square lantern-type battery with her soap and music player, which was connected by wires to her earphones.

"When you see something like that, you don't take any chances," Zabaleta said.

The passenger was allowed to board her plane, and an airport spokesman said flight schedules were not affected. Police said initial reports that a suspicious odor prompted the alert turned out to be mistaken.

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## MOST VIEWED BUSINESS ARTICLES

- Sportingbet exec arrested on gambling charges
- Inflation could stay high for years: Fed's Yellen
- Bernanke wants to "depersonalize" the Fed: WSJ

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Microsoft Power...



Internet

9:59 AM

# 5 Years later ...

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- Lack of a National Aviation Security Policy – continue to be reactionary
- Proven technology exist to alleviate today's issues but programs move out at snail pace
  - Integration of multi-agency watchlist
  - Identification Management systems
- Risk – based approach still not in use --- continue to focus on objects – result much \$\$\$ spent. Hassle-factor remains.

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# What can we do collectively in the Meantime?

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- Take the lead to continue to push the industry, DHS and the Congressional leaders to take action to promote
  - Remote Check-in
  - Simplify Passenger Travel (SPT)/Registered Travel (RT)
  - Secure Flight
  - Air-Exit Strategy (International Departures)
- Factor in new trends to Airport Planning and Design
  - Less counters
  - More self-service kiosk
  - Centralize baggage drop areas
  - Off-terminal/off-airport passenger check-in/bag drop off
  - Adequate sized security checkpoint square footage
  - Integrated In-line BHS systems/ SSCP
  - RT Express Lanes
- Support Industry Standards and Recommended Practices by IATA, ICAO, ACC, TSA, ACI, etc.

# Summary

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Consultants in Planning, Engineering, Architecture, Construction Management and Related Services

- Remind ourselves airports are unique and have limited funds
- Industry needs to work with Government on developing future planning and design standards for airports – update the documents.
- Industry stands ready to continue to support

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# Thank you!!!

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