



Analogic Checkpoint CT

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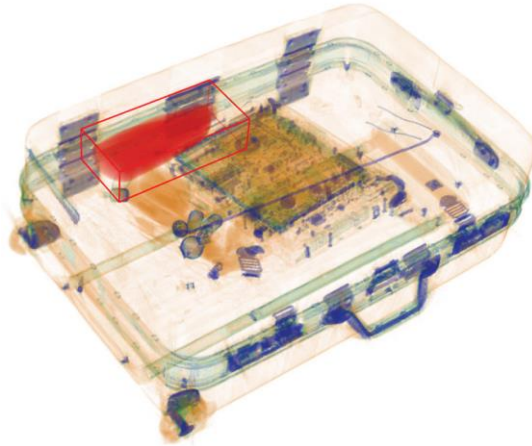
Steven Urchuk, PhD

VP Engineering, Analogic Corporation, Peabody MA, USA

Summary

- Subject
 - Cabin baggage screening
- Problem
 - Strained security infrastructure faced with increased threats, traffic and costs
 - *ICT: “Increased threats to aviation security”*
 - *PwC: “Air traffic to double in coming decade”*
 - *ACI: “Security now accounts for 35% of Airport operating costs”*
- Solution
 - ConneCT™
 - *Future proof full 3D imaging with density and Zeff threat detection*
 - *Superior throughput with continuous flow technology*
 - *Lowest cost of ownership through highly integrated, simple design*
 - *Open systems architecture for the optimal customer solution*
- Why
 - Fast, secure and effective CT technology is at the foundation of next generation checkpoint screening systems

Conventional CT Technology – Analogic's *COBRA*



Analogic media

Fast

- Field proven to 400 passengers/hour
- Continuous flow bag processing

Secure

- 3-D imaging with density based threat detection
 - DfT ACBX,
 - ECAC Type D/D+ Std 2
 - TSA & ECAC hold baggage
- Laptops and liquids can stay in bags
- Virtual object removal and insertion

Effective

- Field proven design

Introducing Next Generation CT Technology – Analogic's ConneCT™



Analogic media

Fast

- Up to 600 passengers/hour
- Continuous flow bag processing

Secure

- FullDetect™ technology
 - High resolution 3D imaging and reconstruction
 - Density and Zeff based threat detection
- Designed to meet the latest detection standards and RBS protocols
- Virtual object removal and insertion

Effective

- Streamlined, compact system
 - 60x40 tunnel
 - Reduced size
 - Reduced weight
- Plug and Play open architecture
- Remote network and automated lane integration
- Low cost of ownership

Fast and Secure

- High speed continuous flow
 - Avoids “stop-start” con-ops
- CT provides more information
 - Proven in medical and hold baggage applications
 - Intuitive image review
 - *COBRA average detection image review times < 7 seconds**
- Automatic detection
 - Everything stays in the bag
 - Supports detection of multiple threats and contraband
- Virtual object removal and insertion
 - Positive feedback on technique in field trails*

*COBRA standalone operation, inter-EU and international travelers

Effective

- Simply elegant system design
 - Compact footprint, size and weight
 - Minimal components with highly integrated design
 - Latest dual energy detectors
 - 3rd generation contactless power and data transmission
 - Direct drive roller bearing system
 - Modern software architecture (Qt, VTK) with open software interfaces (DICOS, remote screening API)
- Leverages Analogic medical and security CT scale and technology
 - 100k+ DAS/DMS and 1000s of medical and security CT gantries sold
- Affordable, direct from Analogic