

Fifteenth Advanced Development for Security Applications Workshop
(ADSA15): Next Generation Screening Technologies
and Processes for the Checkpoint

What was heard?
What was not heard?
What's next?

Harry Martz, Lawrence Livermore National Laboratory
Suriyun Whitehead, Booz Allen Hamilton
Carl R. Crawford, Csuptwo, LLC



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What Did We Hear?

- TSA's future vision for aviation security: key board to gate security phases
- An environment in TSA has been created for innovation
- Recommended TSA have a technical advisory board
- TSA requirements analysis platform (TRAP)
- UK carry-on luggage screening research programs, Like TSA's innovation task force
- An airline, passenger, vendor, and terrorist panel
- Engaging general population for detection with ubiquitous sensors
- Adaptive learning systems
- Meta data and cognitive computers
- Data Analytics for health care and security

What Did We Hear? continued

- Open platforms for third parties to fuse with
- Coherent/diffraction X-ray systems
- X-ray imaging of an airplane
- New behavioral detection techniques
- Deterrence

What did we not hear?

- TSA problems
- Can cognitive computers increase security
- Is 80/20 better than 70/5
- How will new technologies be tested
- Training and testing with little data
- ALERT has transformed classified problems into equivalent unclassified problems and has unrestricted data to support the latter problem

Additional Audience Comments on “What We Heard or Did Not Hear”

What Can Be Done To Solve the Checkpoint Problem?

ADSA16 Provisional Topics

- TSA needs
- Terrorists perspective
- Cyber security
- Data analytics for security
- Threat shifting (displacement)
- AATR and features