



Accelerating Aviation  
Security Innovation:  
Why Does it Matter?

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Aviation security technology: big impact on public safety and economy

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Current technology is good – but needs to be upgraded to meet emerging threats and growing passenger traffic

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The good news: no shortage of innovative technologies and companies that want to invest in them

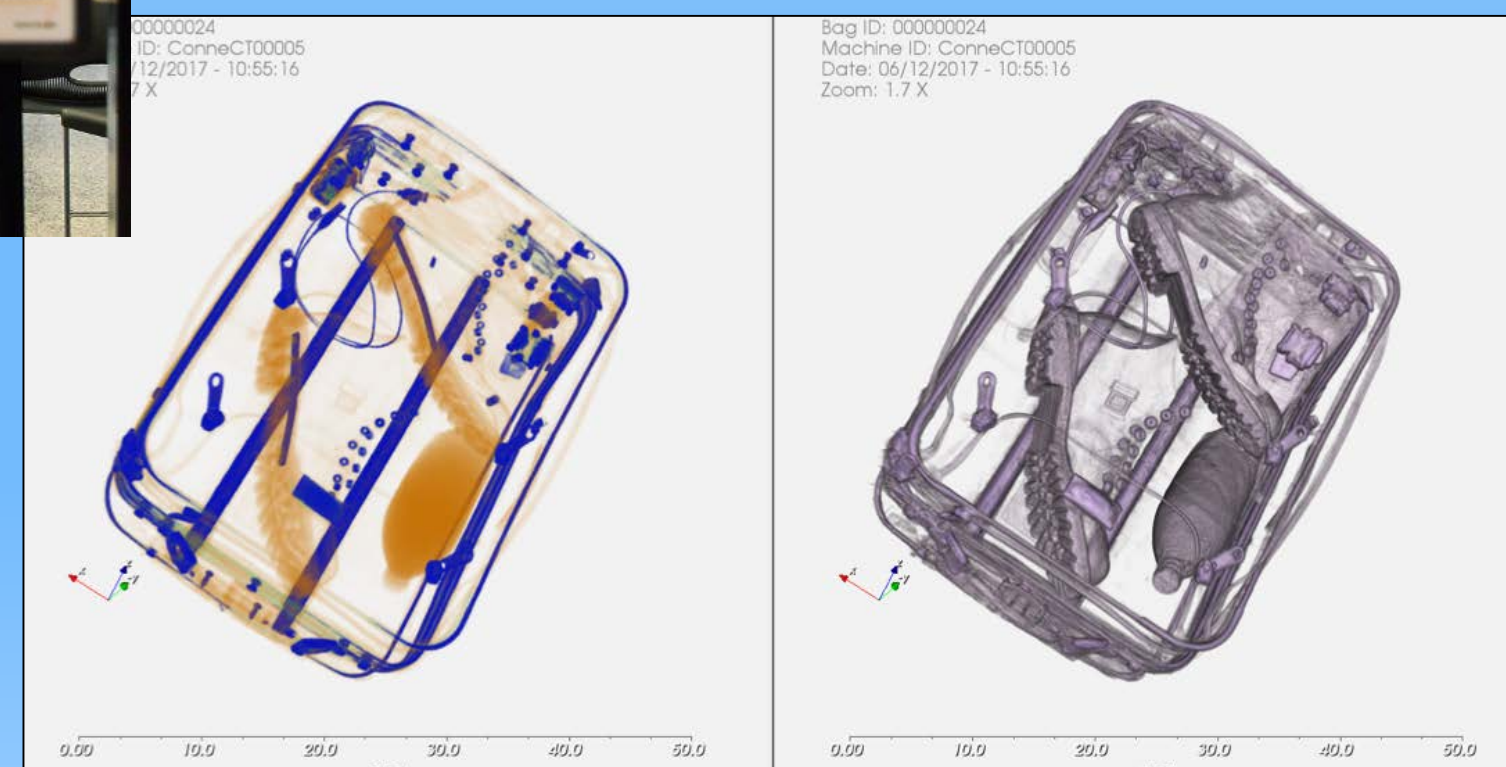
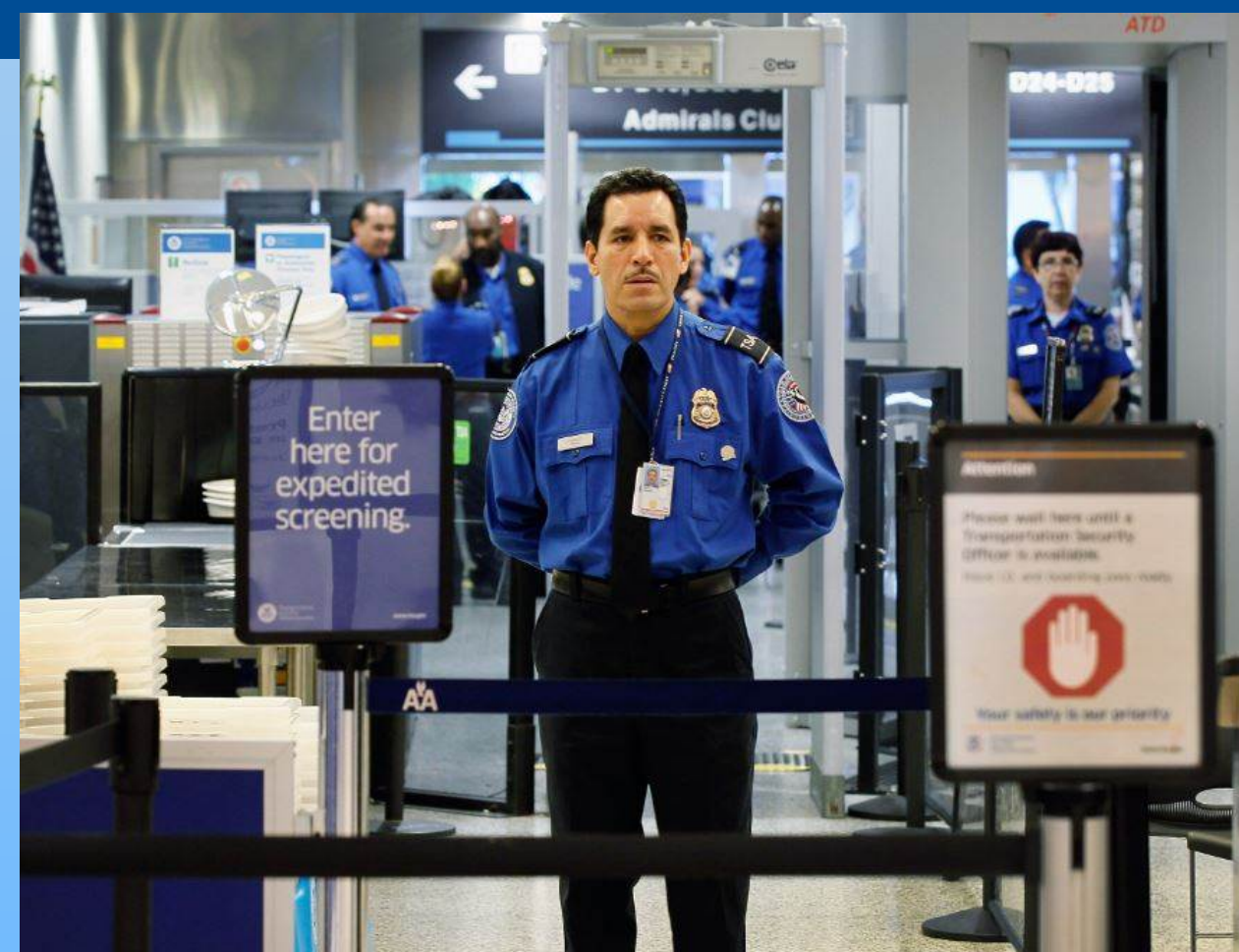
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The bad news: technology companies aren't making investments – because there is no clear return on investment or technology roadmap

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# Accelerating Aviation Security Innovation: A Vendor Perspective

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# U.S. Aviation Security Industry - Some Statistics



**\$1B**

In R&D investment in last 10 years




**650M**

Passengers screened per year with security technology



**27,000**

Direct and indirect employees

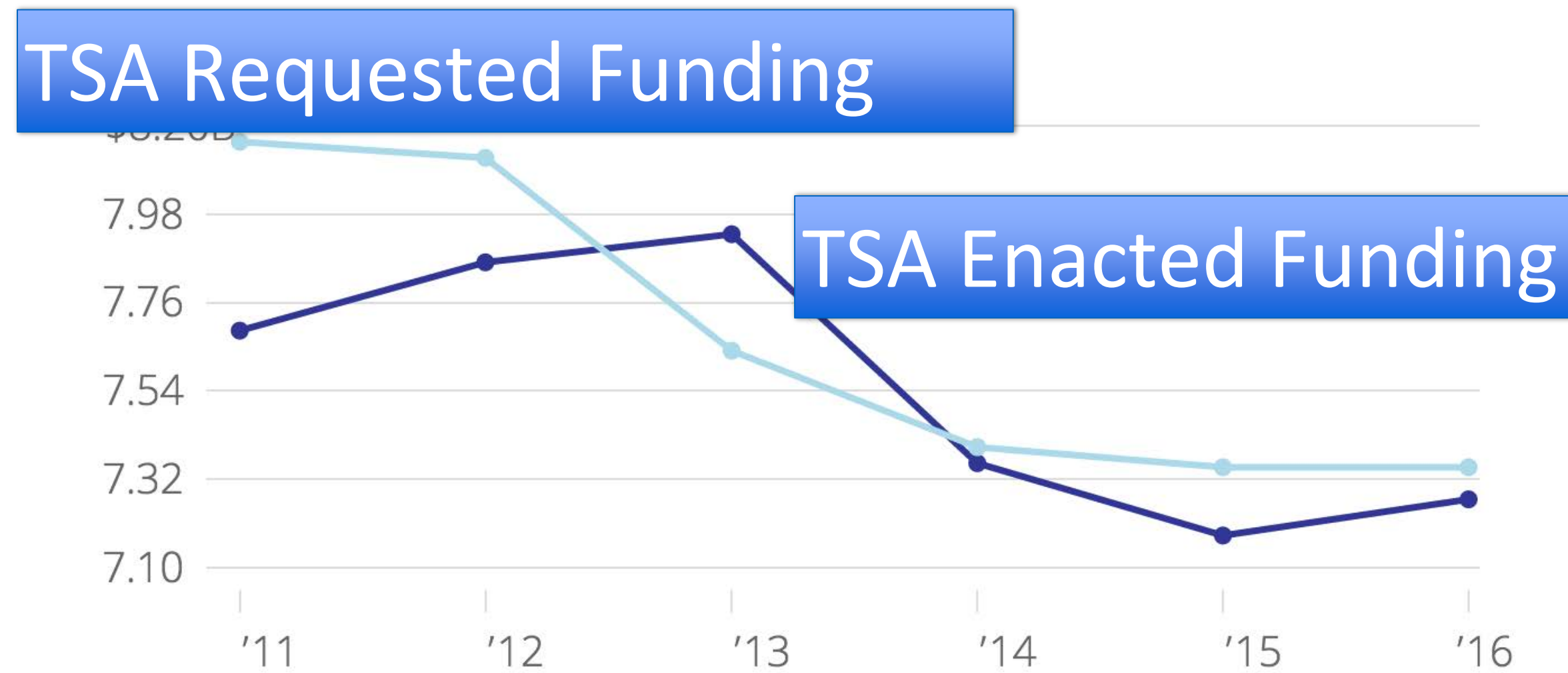


What is the role of Industry associations/coalitions?

Industry associations -  
advocate for the public good

Congress: ultimate watchdog  
for the people

# Where's the money?



No specific acquisition plan for new technology

Annual uncertainty about whether TSA will have \$ to fund new projects

Is there money to fund innovative concepts?

# Where's the visibility?

Security technology innovation:  
**fueled by private sector investment**

To attract continued investment – and  
new entrepreneurial firms – industry  
**needs future revenue visibility** and  
**clear procurement roadmaps**

# Aviation security: not yet part of smart phone/app era

Few independent third-party software vendors

Need business model for using third-party software “apps” on TSE

Limited “out-of-box” cyber & networking capability



## How do we get there?

TSA has encouraged prototypes, trials and limited deployments

No clear timetables for widespread deployment





# Recommendations:



# 2017 Aviation Security Advisory Committee (ASAC) report

- ASAC report: comprehensive “blueprint” for improving security checkpoints
- Based on input from industry, government, policy makers, security experts
- Over 35 separate recommendations – including those in this presentation

**Source: [www.tsa.gov/sites/default/files/asac-pdf/asac\\_meeting\\_minutes\\_23may2017\\_final.pdf](http://www.tsa.gov/sites/default/files/asac-pdf/asac_meeting_minutes_23may2017_final.pdf)**

# Former DHS Secretary John Kelly: What is the future of Aviation Security?

