

# Next Steps

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# **We heard what the ideal Cargo system is**

- Cargo needs to be screened in a manner consistent with checked baggage
- Hardened ULDs
- Detect small masses of explosives
- With high PD
- Very low PFA
- High throughput
- Small footprint
- Reliable
- Low cost \$50k
- Low operating costs (labor, maintenance, etc)

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**There seems to be a Silver Bullet: ETD**

**If ETD is not a Silver Bullet,  
there is no evidence there is one**

- By themselves neutrons, photons, etc. do not satisfy the requirements for the ideal system
  - i.e., No single system exists

# Options for going forward

- Regulations change
- CONOPS change
- Use/fuse manifest information
- Combined photons, neutrons, ETD, etc.
- Determine the best combination of technologies
- Per commodity
- Look for coincidences
- Integrate and fuse them
- Reduce their size & costs, especially personnel costs
  - Eliminate unpacking; scan before consolidation
- Improve deterrence, risk-based security