



**Homeland
Security**

S&T Stakeholders Conference

S&T Thrust Area Bombs—The Way Ahead

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PARTNERING FOR A SAFER NATION

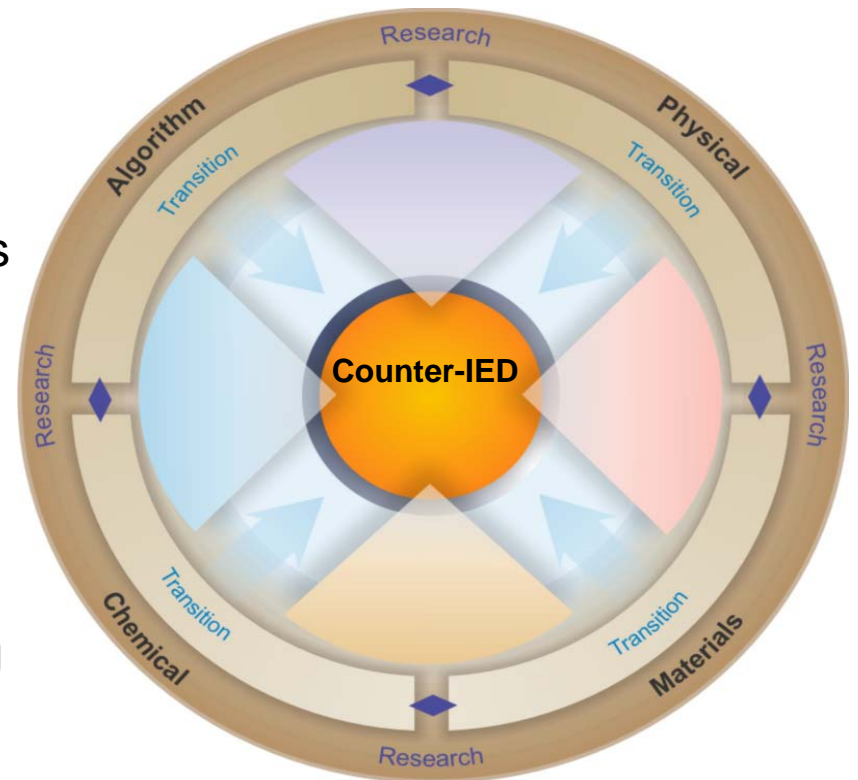


Future Vision

Mission: We are focused on developing a counter-IED basic research effort, in addition to the transition efforts being undertaken with our customers through the Capstone IPT process.

To facilitate we are:

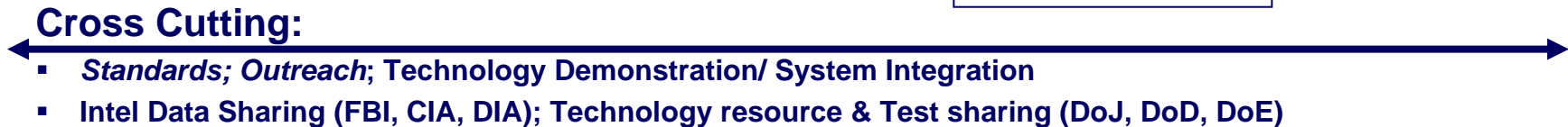
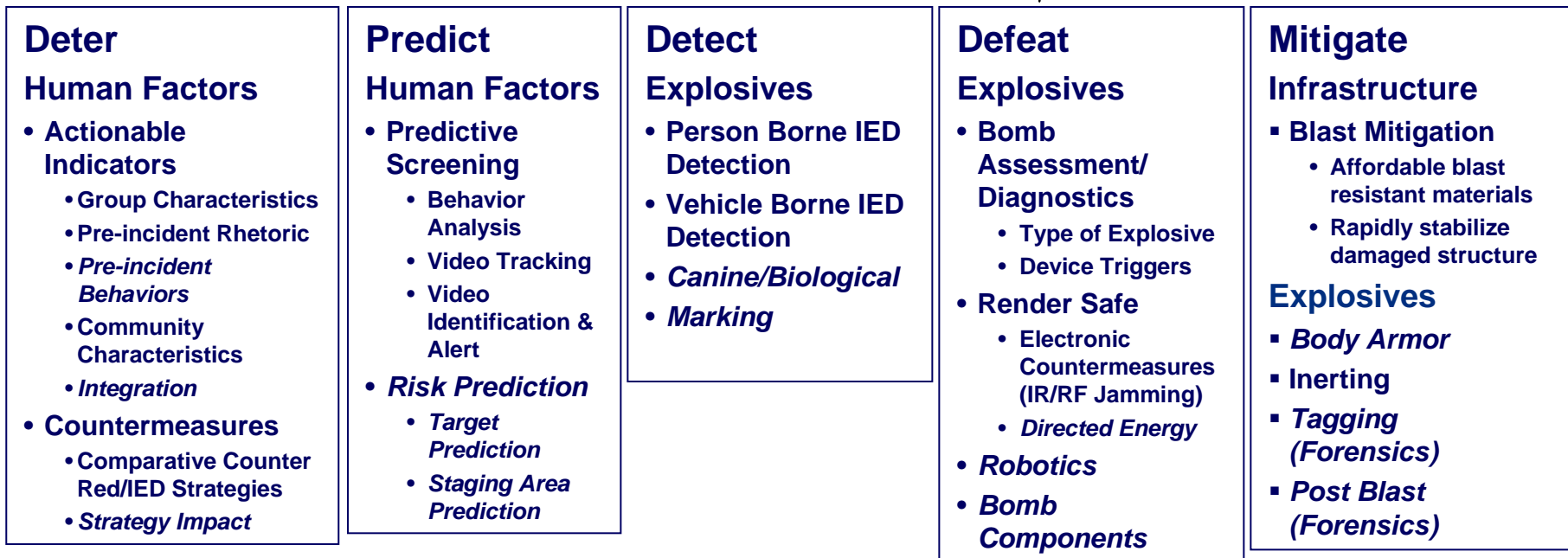
- Developing a high-level technology roadmap
 - Supplemented by more detailed roadmaps being developed at the division level
- Collaborating with the Centers of Excellence, National Labs, Federal, state and local government partners, and industry partners
- Working with our partners is key to succeeding in our mission



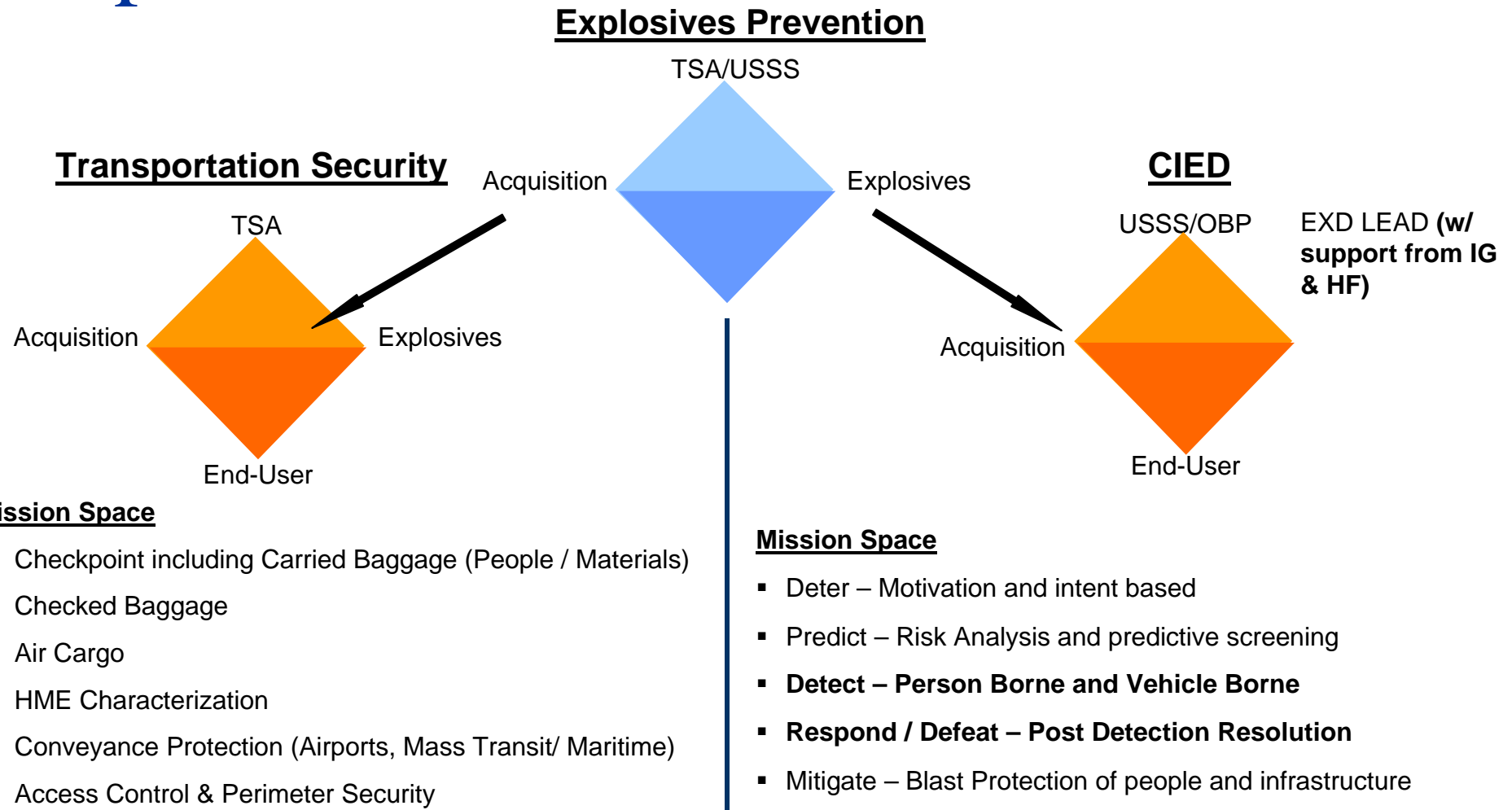
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DHS S&T Counter-IED Program

DHS S&T has established a counter-IED program to leverage existing multi-agency research and investments to deter, predict, detect, defeat and mitigate the impact of IED attacks



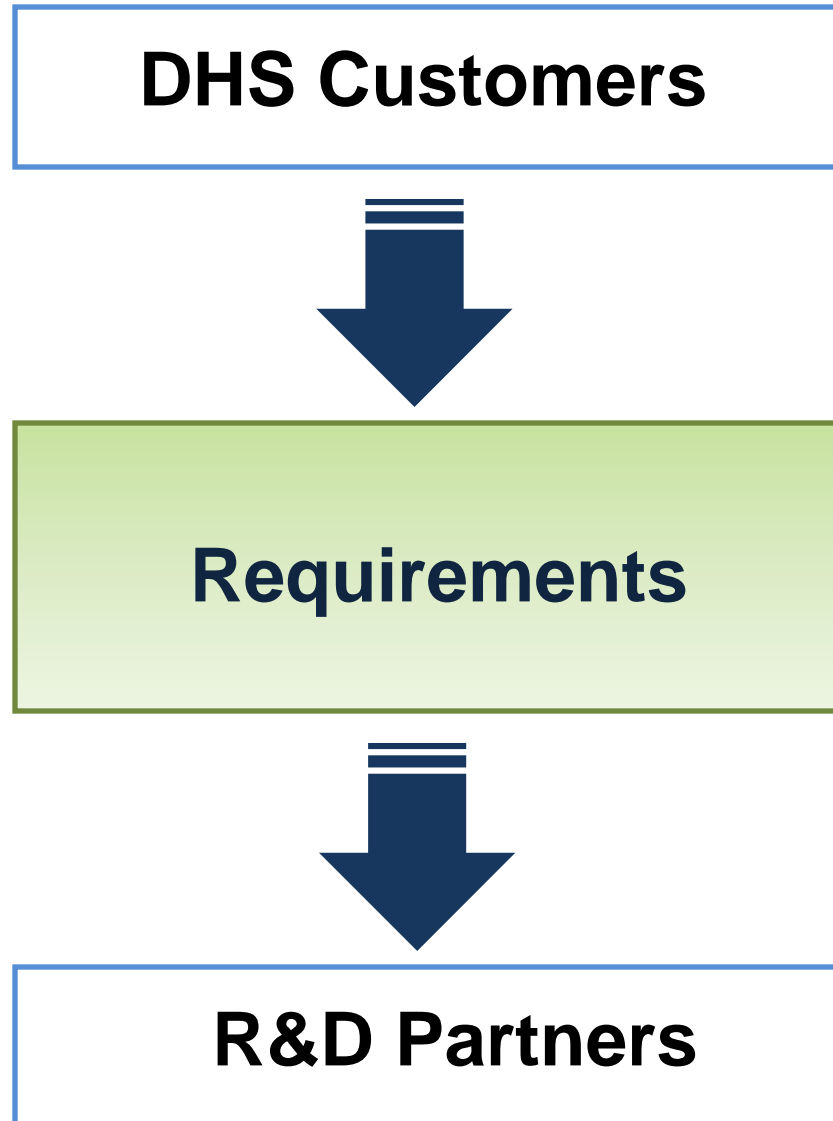
Explosives IPTs



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Through the IPT process technology gaps are prioritized and develop programs to fill those gaps

What Needs Attention



Key Takeaways

- Focus on both sides of the requirements process
 - Getting requirements from our DHS partners
 - Getting requirements to those doing research and development
- Develop both performance and testing standards
- Examples of government processes to develop standards include:
 - Special Operations Command (SOCOM) experimental testing
 - Conducting experimental exercises to build requirements and develop standards
 - EU process
 - Performance standards development (what the technology should do)
 - Independent testing for industry technology advancements
 - Scenario-based testing
- Work to streamline ways for non-government groups to work with S&T, including Centers of Excellence and National Labs



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