

DHS S&T Business Portfolio



EASC
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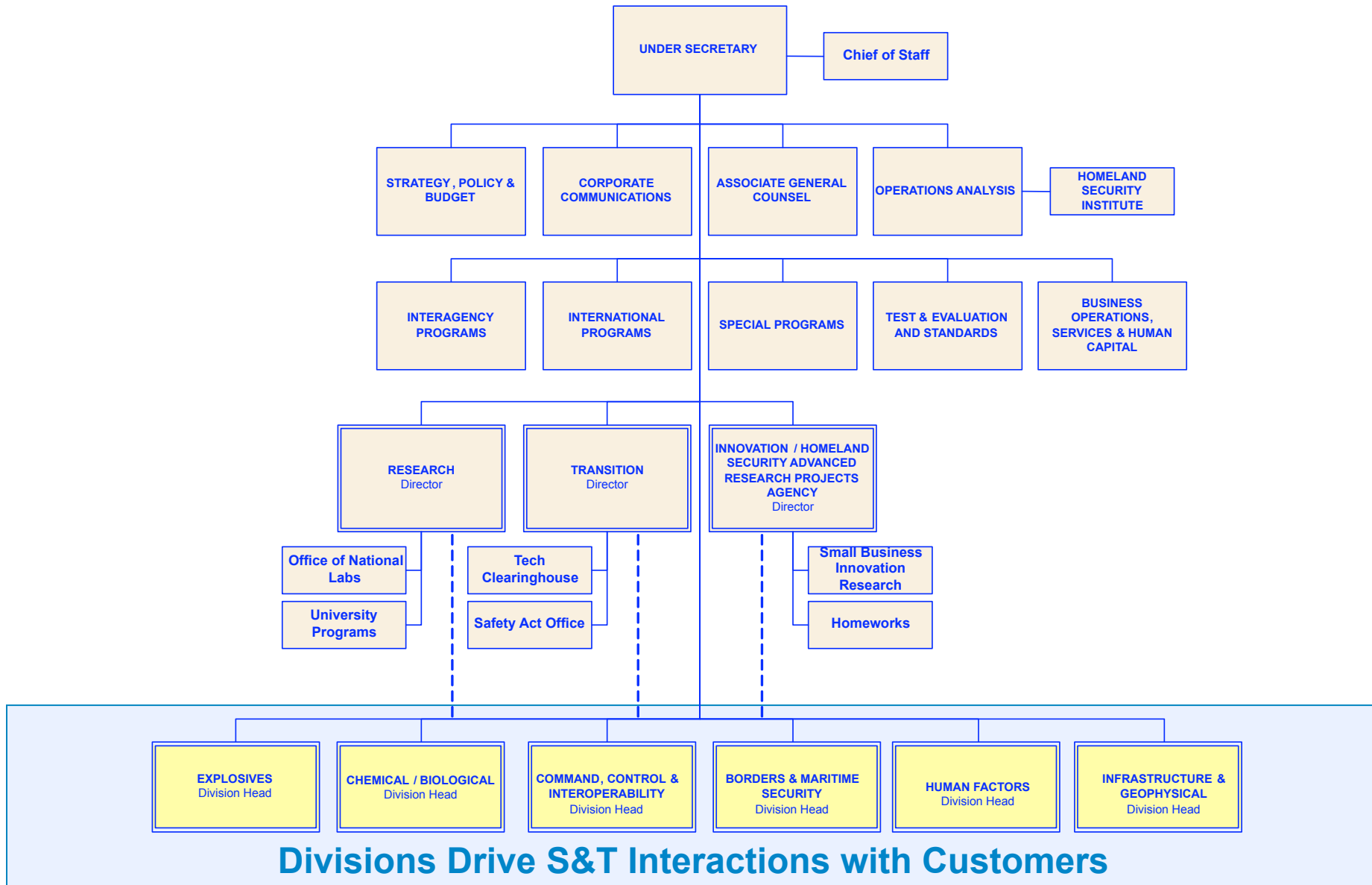
Discussion Guide

- Overview of Science and Technology Directorate
- S&T Investment Portfolio
- Capstone Integrated Product Teams (IPTs)
- High Priority Technology Needs
- Transition Approaches



Homeland
Security

Office of the Under Secretary for Science and Technology



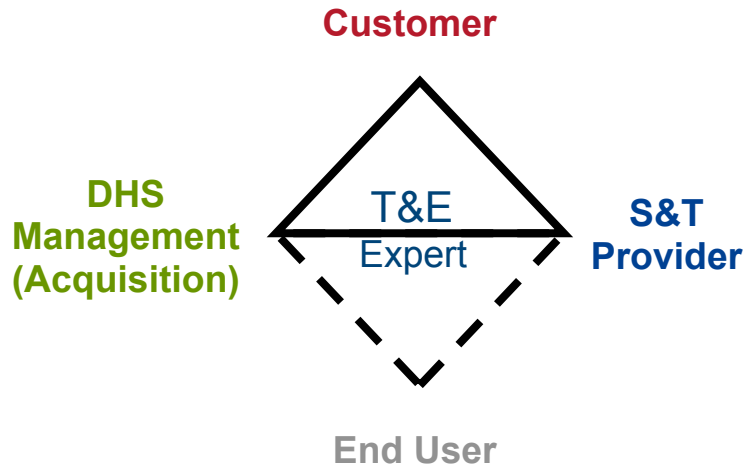
DHS S&T Investment Portfolio

Balance of Risk, Cost, Impact, and Time to Delivery

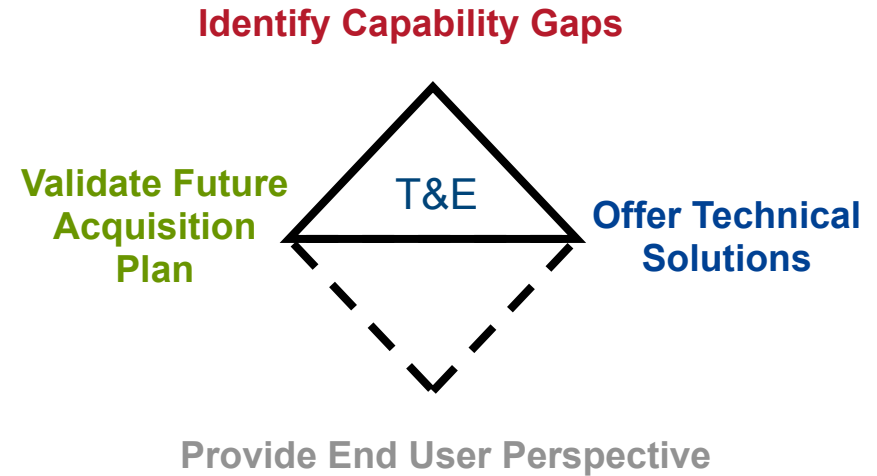
<p>Product Transition (0-3 yrs)</p> <ul style="list-style-type: none">• Focused on delivering near-term products/enhancements to acquisition• Customer IPT controlled• Cost, schedule, capability metrics	<p>Innovative Capabilities (2-5 yrs)</p> <ul style="list-style-type: none">• High-risk/High payoff• “Game changer/Leap ahead”• Prototype, Test and Deploy• HSARPA
<p>Basic Research (>8 yrs)</p> <ul style="list-style-type: none">• Enables future paradigm changes• University fundamental research• Gov’t lab discovery and invention• Homeland Security Institute	<p>Other (0-8+ years)</p> <ul style="list-style-type: none">• Test & Evaluation and Standards• Laboratory Operations & Construction

Customer Focused, Output Oriented

S&T Transition IPT Members and Function



- Industry Board of Directors Model
- Consensus Process

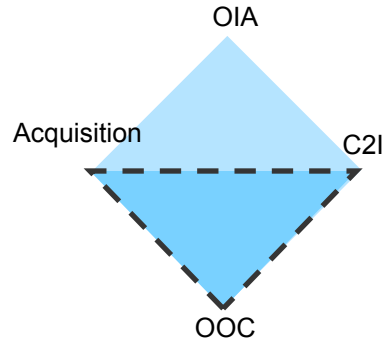


- End Result - Prioritized Investments in S&T

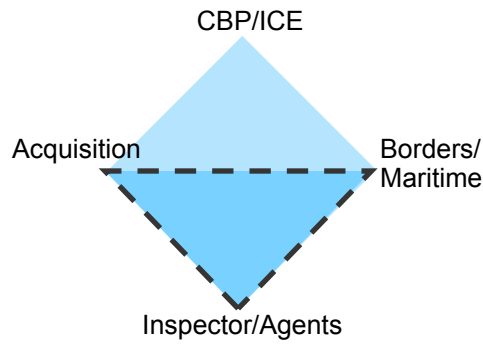
DHS S&T Capstone IPTs

Gathering Mechanism for Customer Requirements:

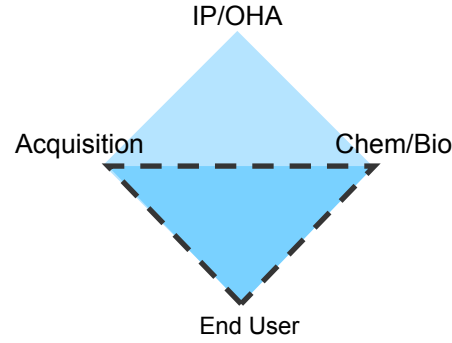
Information Sharing/Mgmt



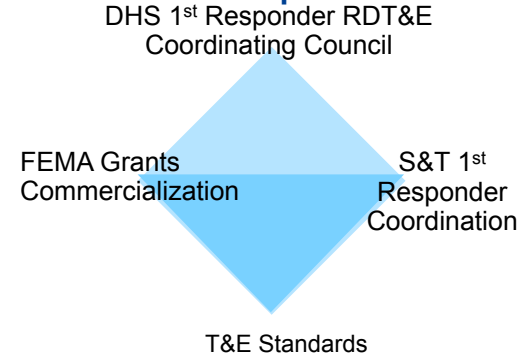
Border Security



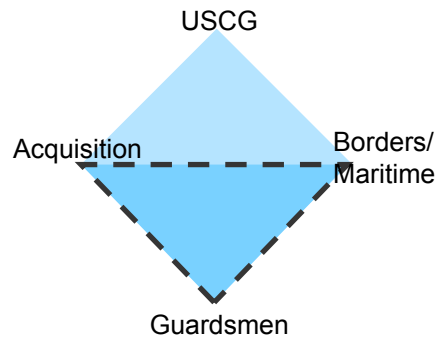
Chem/Bio



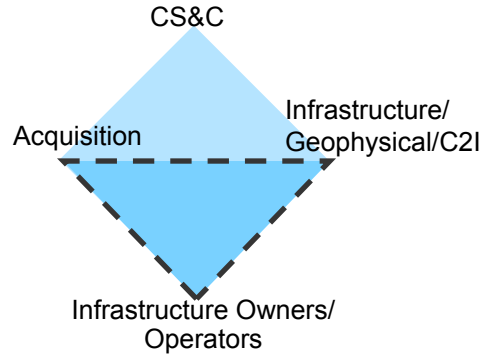
First Responders



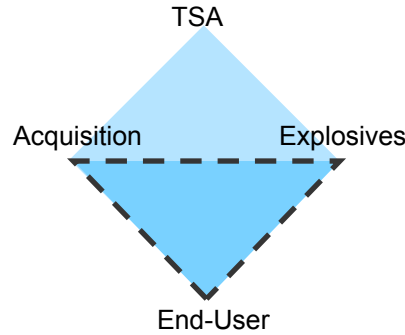
Maritime Security



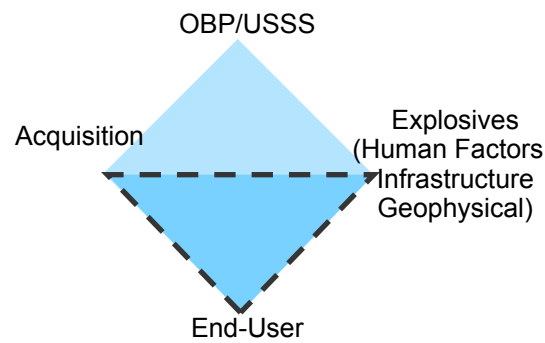
Cyber Security



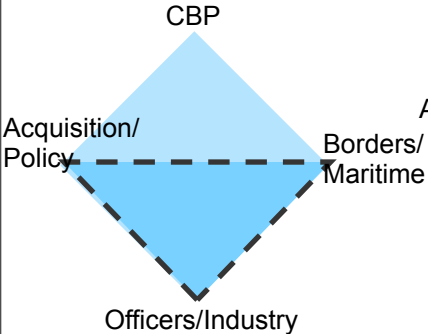
Transportation Security



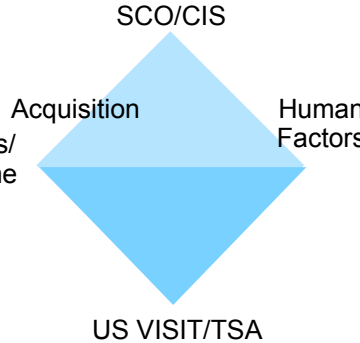
Counter IED



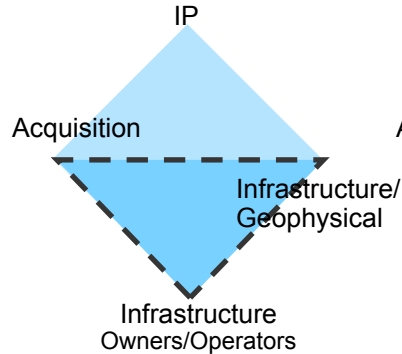
Cargo Security



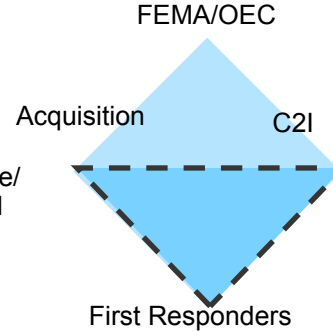
People Screening



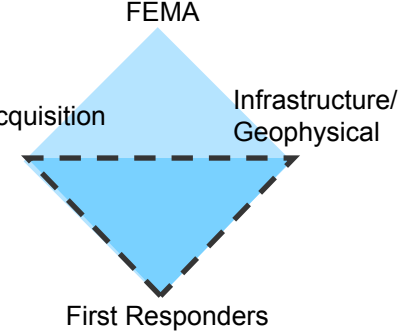
Infrastructure Protection



Incident Management *Interoperability* FEMA/OEC

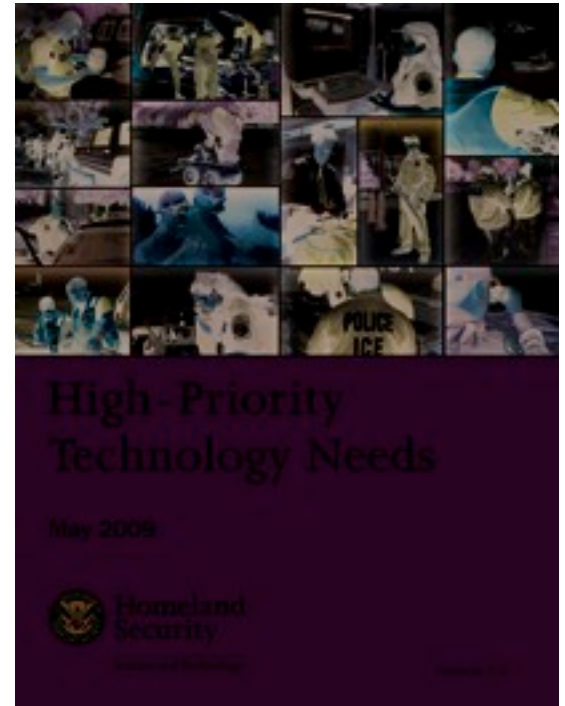


Prep & Response FEMA



High Priority Technology Needs

- S&T investments are tied directly to the technology needs of our customers, represented by leadership of DHS components, and *their* customers on the front lines of homeland security
- Requirements are updated on annual cycle aligned with DHS funding and acquisition processes
- *Updated* High Priority Technology Needs booklet identifies technology needs of DHS components and their customers

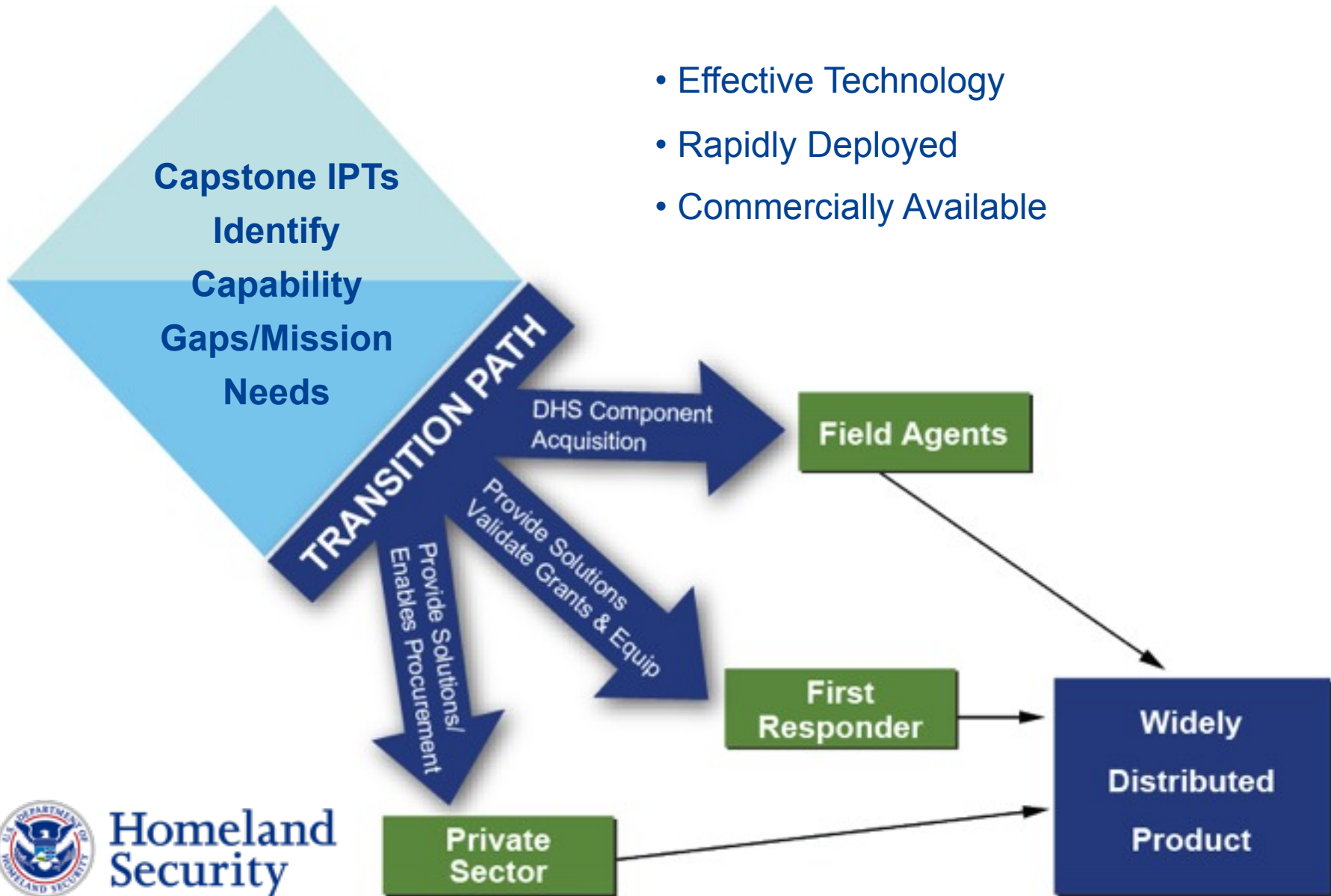


Brochure is posted online: <http://www.dhs.gov>

Customer Focused...Output Oriented

Transition Approaches

- Effective Technology
- Rapidly Deployed
- Commercially Available



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