DHS S&T Capstone Integrated Product Teams

**Information Sharing/Mgmt**
- OIA
- Acquisition
- C2I
- OOC

**Border Security**
- CBP/ICE
- Acquisition
- Borders/Maritime
- Inspector/Agents

**Chem/Bio Defense**
- CMO/IP
- Acquisition
- Policy
- Chem/Bio

**Maritime Security**
- USCG
- Acquisition
- Borders/Maritime
- Guardsmen

**Cyber Security**
- CS&C
- Acquisition
- Infrastructure/Geophysical/C2I
- Owners/Operators

**Explosive Prevention**
- TSA/USSS
- Acquisition
- Explosives
- Agents

**Cargo Security**
- CBP
- Acquisition/Borders/Maritime
- Officers/Industry

**People Screening**
- SCO/CIS
- Acquisition
- Human Factors
- US VISIT/TSA

**Infrastructure Protection**
- IP
- Acquisition
- Infrastructure/Geophysical
- Owners/Operators

**Incident Management**
- Interoperability
  - FEMA/OEC
- Prep & Response
  - FEMA

**First Responders**
- Acquisition/C2I
- Preparations/Response
  - First Responders
S&T Transition IPT Members & Function

- Information Sharing/Mgmt
- Border Security
- Chem/Bio Defense
- Explosive Prevention
- Maritime Security
- People Screening
- Infrastructure Protection
- Incident Management
- Cargo Security
- Cyber Security
- Prep & Response
- Interoperability

**Customer**
- DHS Management (Acquisition)
- T&E Expert
- S&T Provider
- End User

**Identify Capability Gaps**
- Validate Future Acquisition Plan
- Offer Technical Solutions
- Provide End User Perspective

**Customer**
- T&E
- S&T Provider
- End User
Accomplishments from the Capstone IPTs

- Customer Focus and influence on S&T Product Transition by Having the Customer Lead the IPT
- Departmental Solutions in the Core Functional Areas
- Transparent Process for Identifying Technology Solutions to Capability

RESULT: Defendable Prioritized S&T Investments in Product Transition Efforts
S&T Capstone IPT Cycle

Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan
---|---|---|---|---|---|---|---|---|---|---|---

Capstone IPT Customer led Independent Analysis Requirements Generation, Validation and Gap Definition
- Scenario Gaming
- HSI Risk Model
- Assessments

Capstone IPT Capability Gap Assessment (Refined Gap List)

S&T Transition Program Review

DHS S&T EHC New Start Recommendations

Integrated S&T Transition Program Plan

Capstone IPT New Start Prioritization

Integrated S&T Transition Program Plan

Technology Oversight Group (TOG)
### 44 Project-IPTs

#### Information Sharing/Mgmt
- Information Fusion and Visualization to Support the Common Operating Picture (COP)
- Network Identity Management
- Cross-Agency Information Sharing

#### Border Security
- Border Officer Tools and Safety
- Sensor and Data Fusion
- Border / Maritime Domain Awareness Technologies

#### Chem/Bio Defense
- Agrodefense
- Biodefense
- Chemical Defense

#### Maritime Security
- Border Officer Tools and Safety
- Sensor and Data Fusion
- Border / Maritime Domain Awareness Technologies

#### Cyber Security
- Research Tools & Technology
- Information Infrastructure Protection
- Next Generation Technologies

#### Explosive Prevention
- Standoff Detection
- Homemade Explosives
- Checked Baggage
- Check Point
- Response
- Carbine explosive detection
- Blast Mitigation
- Standoff Projectile Mitigation

#### Cargo Security
- Container Security
- Cargo Security
- Cargo Inspection

#### People Screening
- Biometrics
- Credentialing
- Hostile Intent
- Group Violent Intent Modeling

#### Infrastructure Protection
- Analysis & Decision Support Systems
- Advanced Infrastructure Architecture & Systems Design
- Detection & Sensor Systems
- Response, Recovery and Reconstitution

#### Incident Management
- **Interoperability**
  - Advanced communication
  - Digital voice communication
  - Seamless data exchange

- **Prep & Response**
  - First Responder Equipment
  - Common Operating Picture & Situational Awareness
  - Simulation-Based Incident Planning & Response

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**The Capstone Execution Arm**

- Detailed Customer Schedule and Requirements
- Detailed S&T Performance Parameters
- Coordinated Programmatic Alignment
- Codified Technology Transition Agreements

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**Technology on Schedule with Requisite Performance**