

Homeland Security Advanced Research Projects Agency (HSARPA)



**Homeland
Security**

Science and Technology



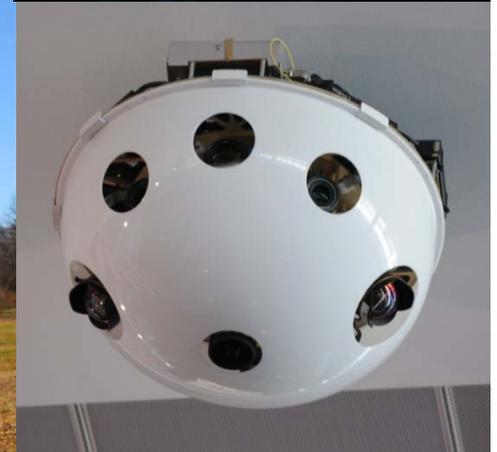
Homeland Security

Science and Technology

HSARPA



Research & development to produce compelling and affordable technologies and capabilities for homeland security





Homeland Security

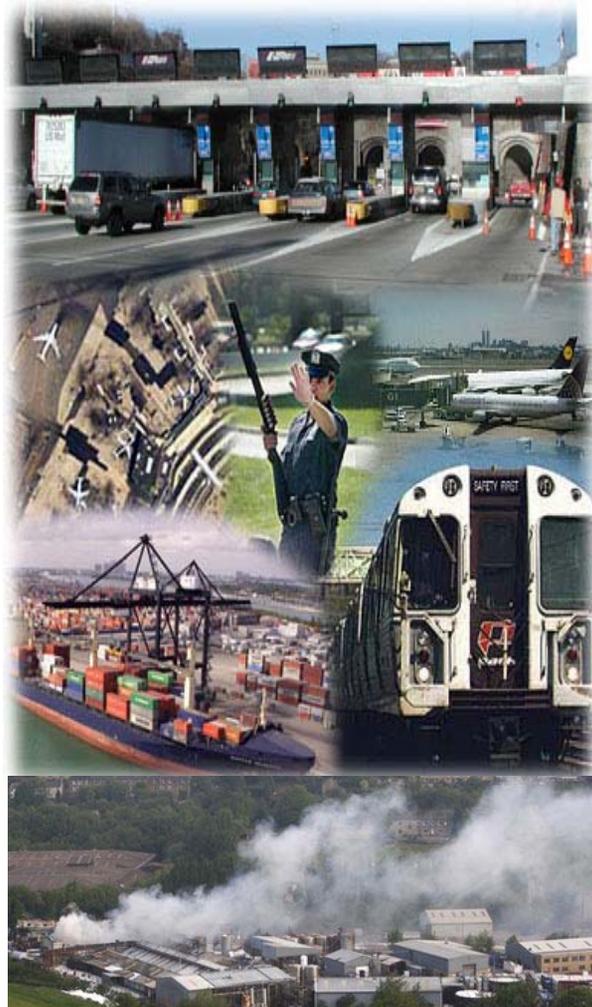
Science and Technology

Broad Range of Customers and Stakeholders

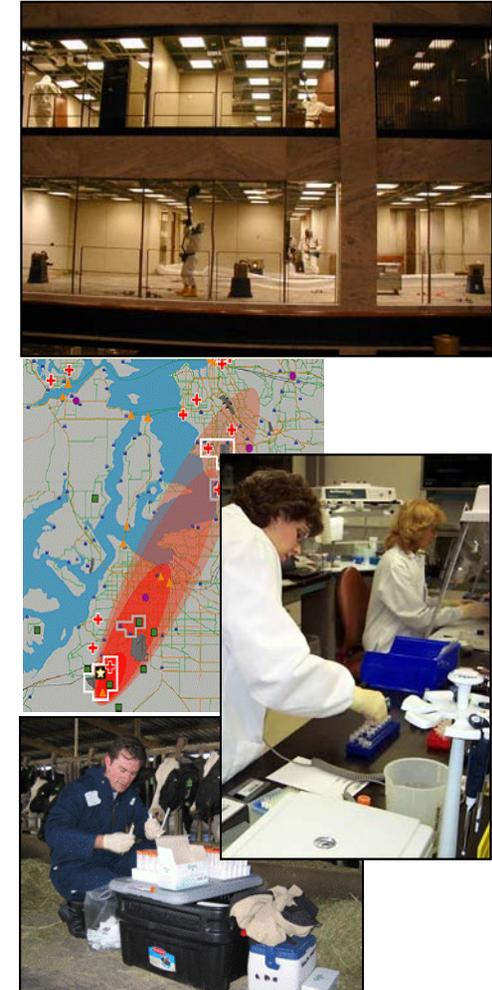
Responders
Emergency
Management and
Infrastructure Owners



DHS components
(CBP, TSA, USSS, FEMA, USCG,
ICE, CIS, OHA, NPPD)



Federal Interagency
(FBI, EPA, HHS, USDA, DoD,
FPS, GSA)





HSARPA Technical Divisions



- ❑ **Borders and Maritime Security Division (BMD)** - Prevent contraband, criminals and terrorists from entering the United States while permitting the lawful flow of commerce and visitors
- ❑ **Chemical/Biological Defense Division (CBD)** – Detect and protect against, respond to, and recover from potential biological or chemical events
- ❑ **Cyber Security Division (CSD)** - Create a safe, secure and resilient cyber environment
- ❑ **Explosives Division (EXD)** - Detect, prevent and mitigate explosives attacks against people and infrastructure
- ❑ **Resilient Systems Division (RSD)** - Identify and analyze threats, enhance societal resilience, and integrate human capabilities in technology development. Strengthen situational awareness, emergency response capabilities, and critical infrastructure protection



S&T Apex Programs

Collaboration between S&T and components to solve problems of strategic operational importance and deliver technology solutions that are integrated into homeland security operations.

APEX Entry/Exit Re-Engineering

Air Entry

- Minimize processing time for travelers entering the United States at U.S. airports



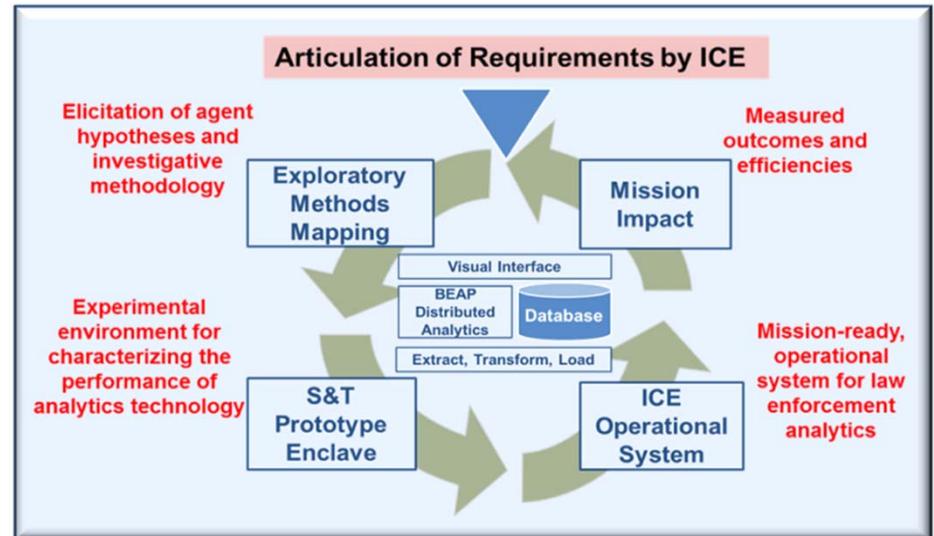
Air Exit

- Implement an agile and cost-effective biometric exit capability



Goal: Biometrically verify the foreign national who entered the United States is the same foreign national who exited the United States

Border Enforcement Analytics Program (BEAP)



Goal: Deliver data driven business models to support ICE Homeland Security Investigations



Doing Business with HSARPA

- Standing BAA:
 - [DHSS-TLRBAA12-07](#) - DHS S&T Long Range Broad Agency Announcement
 - White papers describing your innovative technologies are welcome!
- Focused BAAs for new start projects
- Industry days
- CRADAs
- Cost sharing partnerships
- Industry consortia



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