

Apex Program: Border Situational Awareness (BSA)

Program Operational Need

CBP and partner law enforcement agencies (federal, state, local, tribal, international) need improved situational awareness to more effectively and efficiently deploy its resources to the areas of highest risk.

Goal

The goal of the Apex BSA program is to improve border situational awareness by establishing an enterprise capability to (1) access more data sources, (2) make available decision support tools to translate the available data into actionable information and intelligence, and (3) share that actionable information and intelligence with partner law enforcement agencies.



Awareness at All Levels Improved thru Information Sharing

Impact

The Apex BSA program will enable the Homeland Security Enterprise to achieve increased border situational awareness leading to increased border incursion detection, interdictions, and deterrence. Specifically, the increased situational awareness will result in:

- Improved measurement of border illegal activity to understand current state
- Improved assessment of risks by identifying current threats along with emerging patterns and trends
- Improved alignment of resources to risk for current and future operations on the tactical, operational and strategic levels

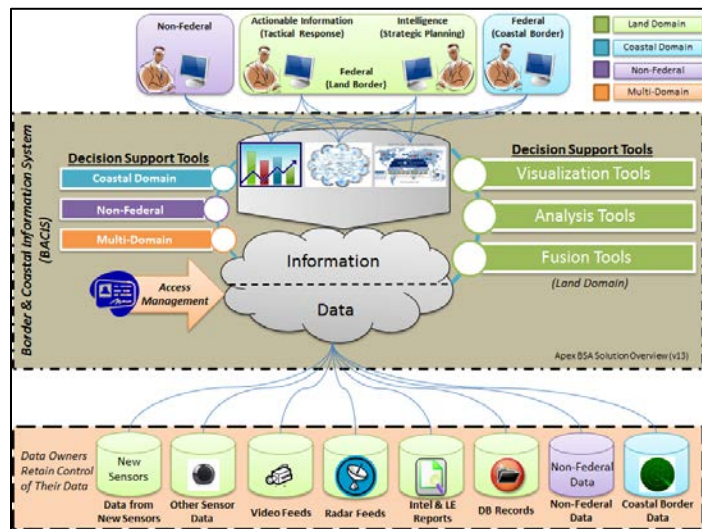
Success Metrics

Program success is transitioning an adaptable capability to border operations that has been demonstrated to improve situational awareness of risks and alignment of resources against those risks at the tactical, operational, and strategic levels.

Technical Approach

The program is establishing a federated enterprise information sharing architecture for data sharing and decision support tools for cross-organizational collaboration that is cost effective and adaptable for current and future technologies. The core technology is being leveraged from an S&T coastal situational awareness project, reducing the lifecycle cost and risk while also enabling information sharing across border domains (i.e. land, coastal).

The program is pursuing a mix of government-of-the-shelf (GOTS) and Homeland Security Industrial Base decision support tools as a risk pooling strategy that manages cost and ensures some capability is delivered while also making some investments in innovative, higher risk technologies.



Federated Enterprise Information Sharing Architecture

The program is executed through three spirals each with a separate focus area, allowing the program flexibility to adapt and address the emerging highest priority capabilities needs as the threat environment shifts over time.

Schedule

The program is planned to span FY15-20 to execute three spirals which deliver solutions for transition every eighteen months following the initial program planning.