

Advanced Developments Encompassing Processes and Technologies for Customs and Border Protection (CBP-ADEPT-04)

Who

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Why

To address the CBP operational environment

To define complex problem areas for border security

To expand the number of people to address CBP's operational challenges through R&D



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Port of Entry Screening

- **Environment:** Processed through 328 Ports of Entry annually:
 - 25+ million containers
 - 390 million travelers
 - 74+ million POVs pass across the southern border annually
 - Nine major International Mail Facilities arriving from more than 180+ countries, as well as 25 established express consignment carriers
- **Threat:**
 - Drugs
 - Human Trafficking
 - Forced Labor
 - Counterfeit Goods
 - Sanction and Tariff Evasion
 - Agricultural Threats
 - Potential pathway for WMD
- **Current Operational Issues:**
 - Increasing traffic volume with no forecasted increase in CBP manpower
 - Need to scan a higher volume of inbound cargo
 - Aging fleet of cargo scanning equipment with high maintenance costs
 - Need effective, high-speed mail scanning to detect narcotics and contraband



We need to improve the rate and capability of CBP POE detection systems.

Workshop Objectives



- Discuss key problem areas
- Discuss current technology and potential improvements
- Identify future technology concepts
- Increase engagement with the broader research community



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Closing Thoughts

“ Discovery consists of seeing what everybody has seen and thinking what nobody has thought”

Albert Szent-Gyorgi, Nobel Prize Winner

