

# ADEPT04: What Did We Hear and Not Hear?

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# What Did We Hear About CBP?

- If you seen one POE, you have seen one POE
- If you haven't seen a POE, you will not sell to CBP
- You need a CBP influencer and funder
- CBP
  - Has limited funds and a daunting problem
  - Many POEs, containers, vehicles, people
  - Wants to inspect more, interdict more, increase throughput, have happy customers
  - Is finding ways to better use CBPOs
  - Is willing to work with people
  - Is willing to discuss their needs
  - Patience is required to work with CBP
- Need for remote and consolidated operations for best use of CBPOs
  - Remote and centralized operations is a way to achieve this
  - Communications and interoperability is an unresolved issue
- Smart people in the room that are, and are willing to work with CBP

# What Did We Hear About Possible Solutions?

- X-ray and neutron data fusion
- 5G, other wavelengths, WiFi, etc.
- Seizure rate kg/yr vs. PD/PFA
- Optimizing for different levels, threats and locations
- Enhanced operator training
- 3<sup>rd</sup> party involvement to augment capabilities and capacity of incumbent vendors
- Real and simulated data exists not clear how to access the data
- Digital twins and value focused thinking
- People, particle, vapor,, digital nose, local and standoff detection, etc. sensors
- Assisted detection algorithms
- Image quality standards and improvements for detection

# What Did We See?

- Lots and lots of side bar, informal, and formal, discussions, etc.
  - Hopefully, matching people with problems with people with solutions

# What Did We Not Hear?

- Specific requirements of the problem
- How third parties can get access to data and funding
- What classification guide(s) should be used
- More videos from POEs
- Application of machine learning and artificial intelligence
- More on types of contraband and illicit materials
- Specifications on what is already deployed
- How to get end-user feedback
- More about postal facilities

# ADEPT05

- Possible topics
  - Border protection
  - How to get data to academia, national labs and industry
  - Deploying technology advances
  - Algorithm development, how to connect with the algorithm working group
  - CBP performance metrics
  - Classification guides
  - Virtual tours of POEs
- Possible date: Summer 2023
- Visit CBP sites (e.g., Boston seaport during workshop)