

July 2, 2018

Customs and Border Protection – Smiths Detection products

Victor Chan
Product Manager – EDS
victor.chan@smiths-detection.com

smiths detection
bringing technology to life

CBP = many problems compounded by multiple variables

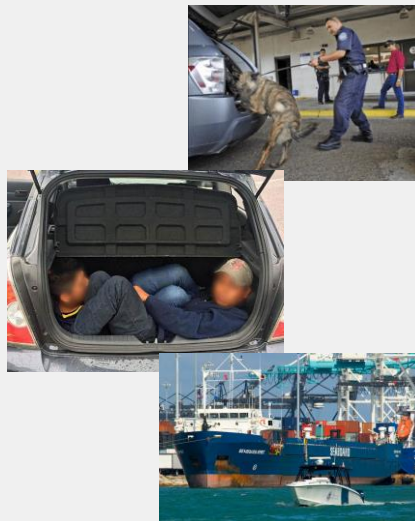
What is CBP looking for?

- Narcotics
- Agriculture
- Currency
- Human trafficking & smuggling
- Counterfeit items/ intellectual property
- Contraband
- CBRNE material



Where?

- Ports of entries
- Land borders
- Sea ports
- Airports
- Parcel facilities



What types?

- Inbound
- Outbound
- Cargo containers
- Truck freight
- Train freight
- Parcels & packages
- Passenger luggage
- Vehicles
- Ships
- Passengers & pedestrians



So what, who cares?

Smiths Detection has products to solve these problems!

1. IONSCAN 600



1. Ion Mobility Spectrometry

2. Hazmat-ID / Elite



2. Fourier Transform Infrared Spectroscopy (FTIR)

3. ACE-ID



3. Raman Spectroscopy

So what, who cares?

HCV – Heavy Cargo Vehicle

4. CIP-300



4. Light vehicle, low energy inspection

5. HCVMc



5. Cargo truck, medium energy inspection

6. HCVT



6. High energy, train cargo inspection

7. HCVS



7. High energy, dual-view, cargo truck inspection

So what, who cares?

Conventional x-ray - single-view & dual-view

8. HI-SCAN 7555si



8. Single-view, multi-energy x-ray, small parcels

9. HI-SCAN 7555aX



9. Dual-view, multi-energy, checkpoint solution

10. HI-SCAN 100100T-is



10. Dual-view, oversized luggage/palletized cargo solution

So what, who cares?

Computed Tomography (CT)

11. HI-SCAN 6040 CTiX



11. Checkpoint

12. HI-SCAN 10080 XCT

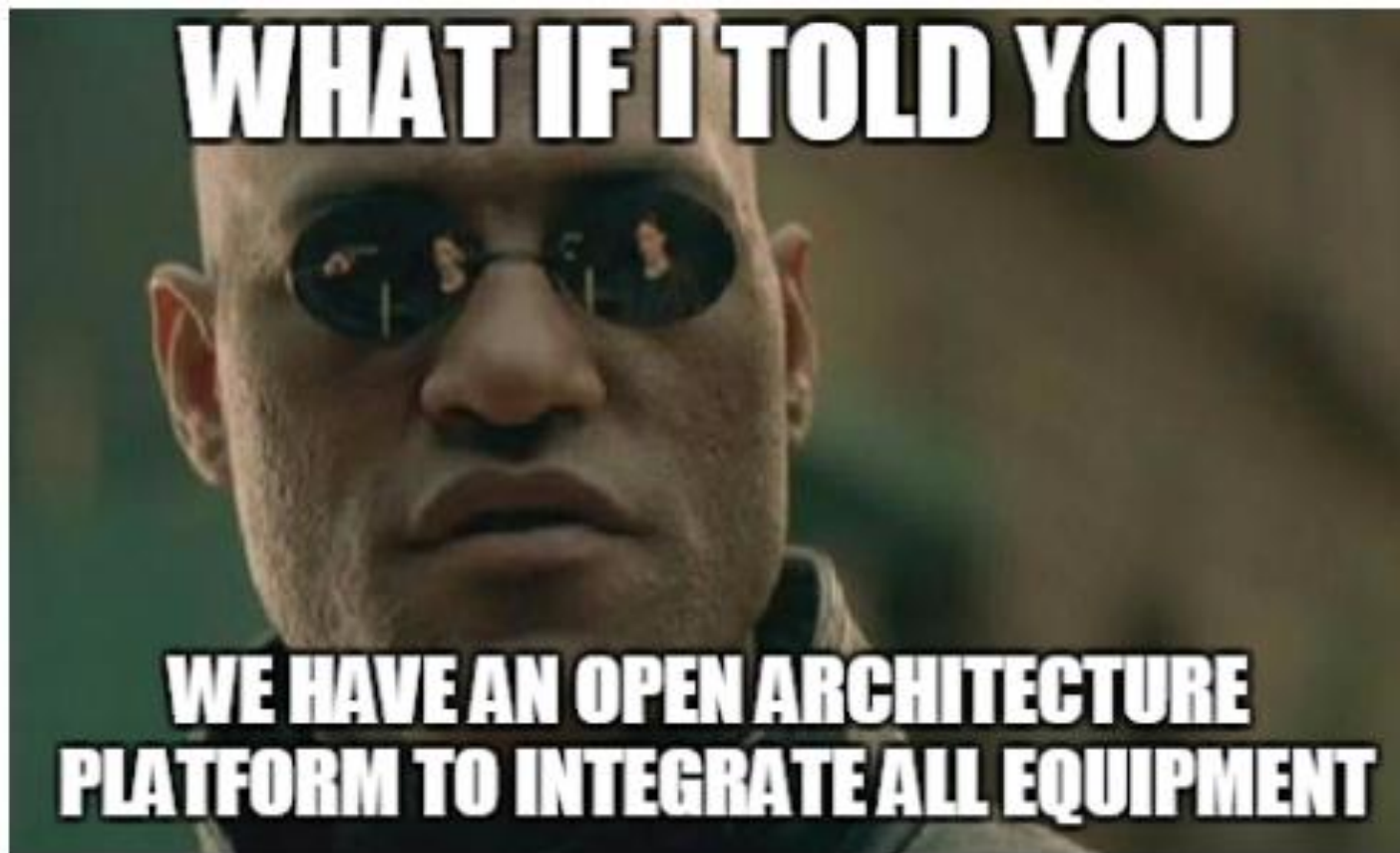


12. Hold baggage

13. CTX 9800 & CTX 5800

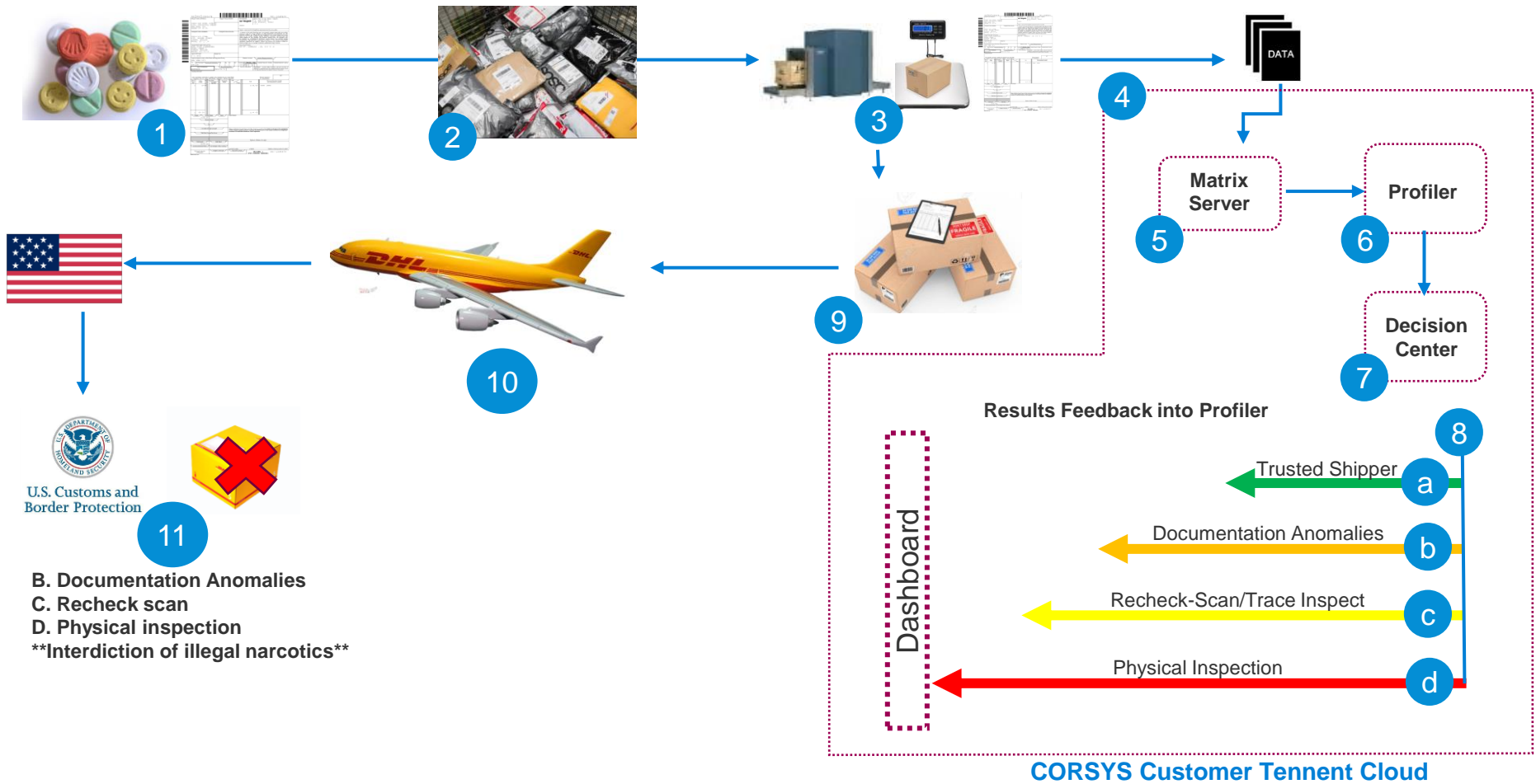


13. Hold baggage



“In a ports and borders application, [CORSYS](#) can provide an [overall view of the entire port](#), as well as assessing every single container. It can view data from an electronic manifest and help customs administrators [generate a risk profile](#) for each container arriving at a port, using a [combination of physical and data-driven tools](#). It also integrates smart CCTV [and third-party data sources](#).”

Integrated open architectural platform CORSYS



B. Documentation Anomalies
C. Recheck scan
D. Physical inspection
****Interdiction of illegal narcotics****

Smiths Detection believes in partnerships!



Duke
UNIVERSITY



Thank you!

Victor Chan
Product Manager - EDS
victor.chan@smiths-detection.com

smiths detection
bringing technology to life