

# Truck/Passenger | Model Port



## **INNOVATIVE BORDER CONCEPTS**

Bobby Watt, Innovative Border Concepts  
July 26th, 2023

---



*“The drug epidemic has caused death and heartache to countless families across the globe; it's imperative that border security be enhanced to counter drug traffickers and interdict their illegal and deadly shipments flooding our communities.” - Bobby Watt*

---



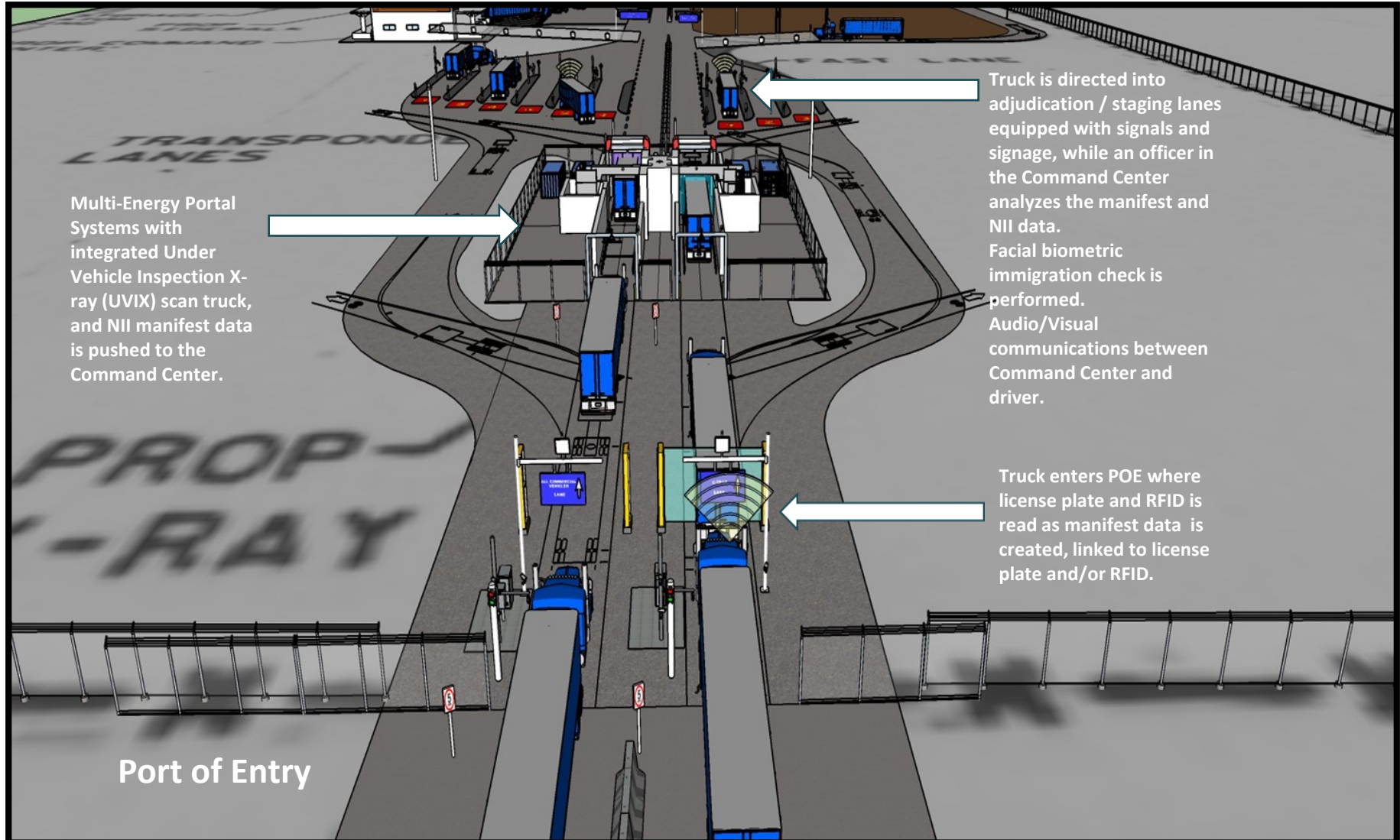
# IT'S TIME FOR A CHANGE!

- Customs/Immigration agencies have a two-fold function at land border Ports of Entry (POEs). These are:
    - 1) *Ensure trucks, their cargo, and passenger vehicles are properly documented and contraband free.*
    - 2) *Ensure the driver/passengers have a legitimate passport and that the passport belongs to that person.*
-



INNOVATIVE BORDER CONCEPTS

## MODEL PORT | Concept of Operations



Port of Entry



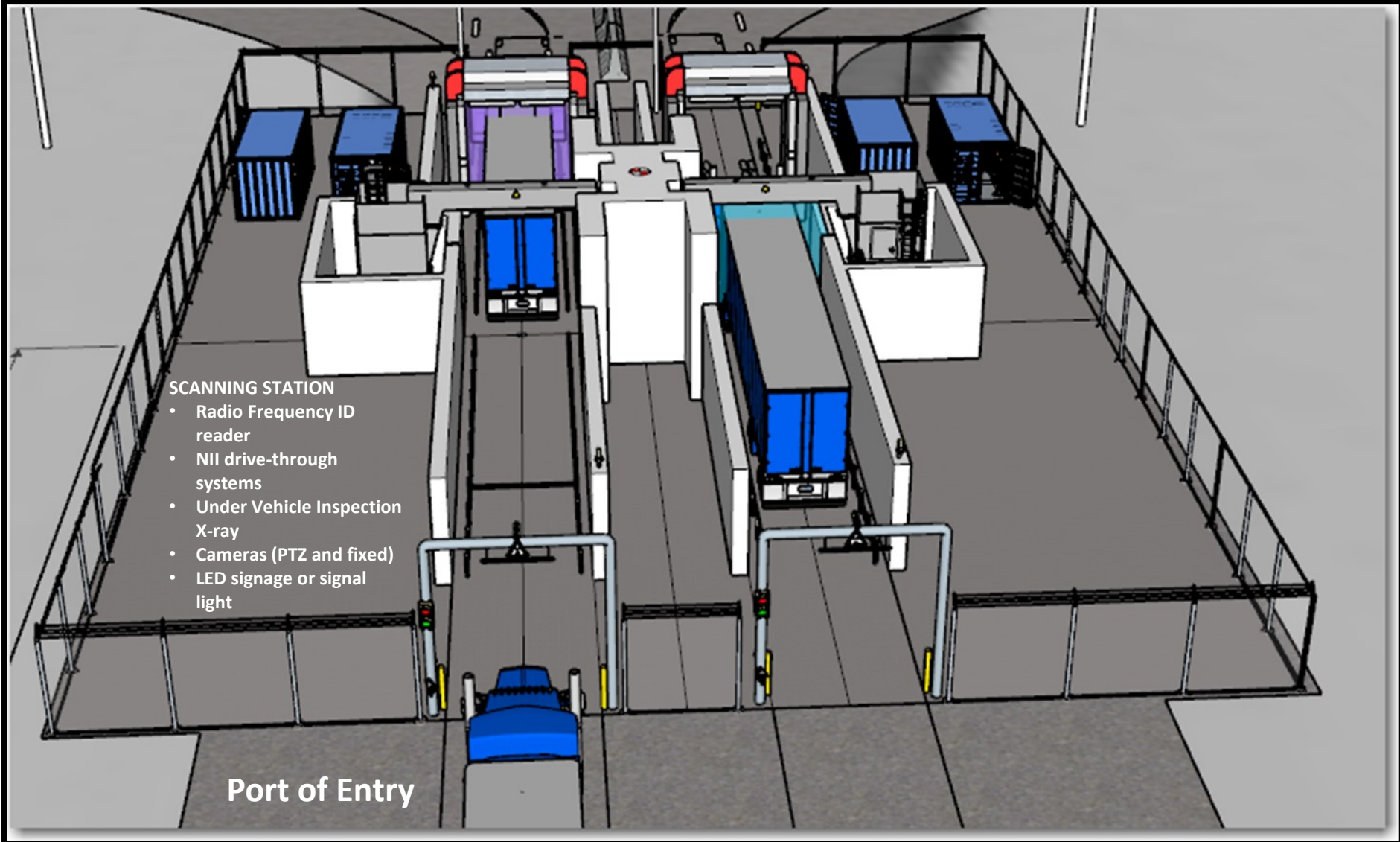
INNOVATIVE BORDER CONCEPTS

# MODEL PORT | Multi-Energy Portals with Under Vehicle Inspection X-ray

## SCANNING STATION

- Radio Frequency ID reader
- NII drive-through systems
- Under Vehicle Inspection X-ray
- Cameras (PTZ and fixed)
- LED signage or signal light

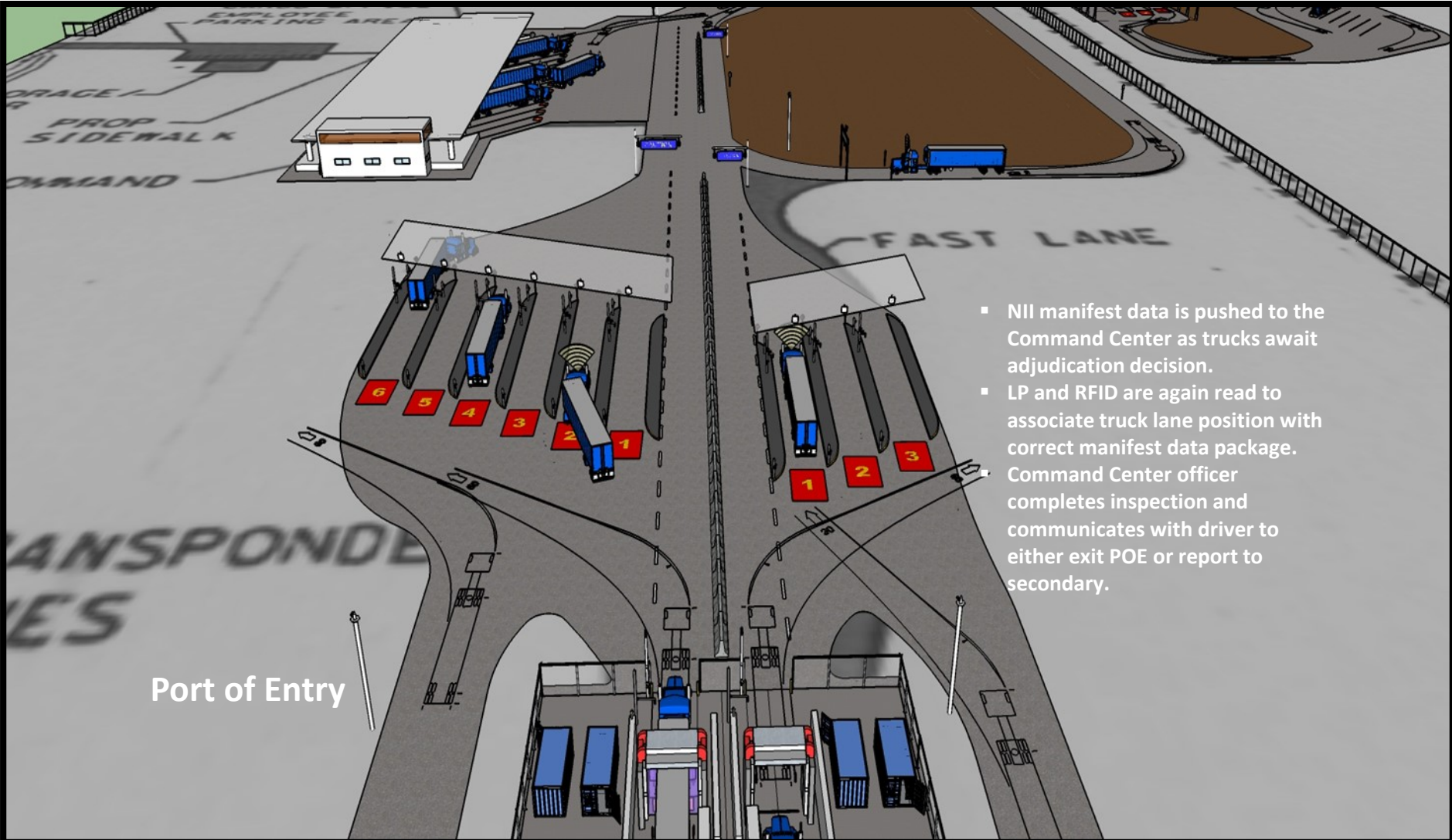
Port of Entry





INNOVATIVE BORDER CONCEPTS

# MODEL PORT | Staging Area – Virtual Primary



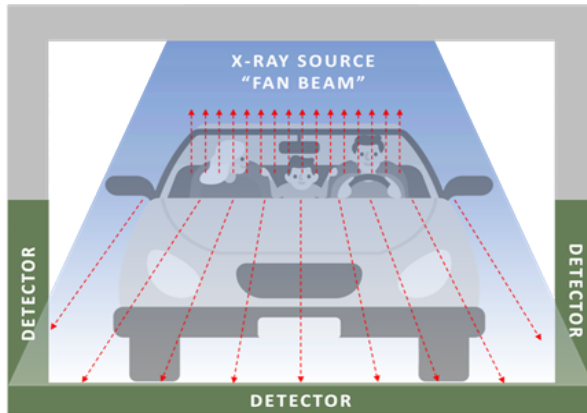


INNOVATIVE BORDER CONCEPTS

## MODEL PORT | Passenger Vehicle Scanning

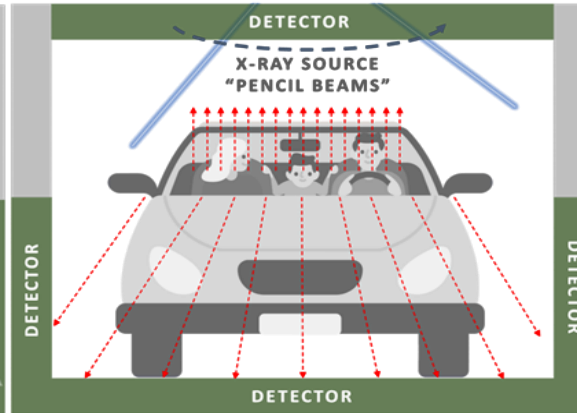
### 1. "Top-Down Single Transmission" (using X-ray Fan Beam)

X-Ray Source



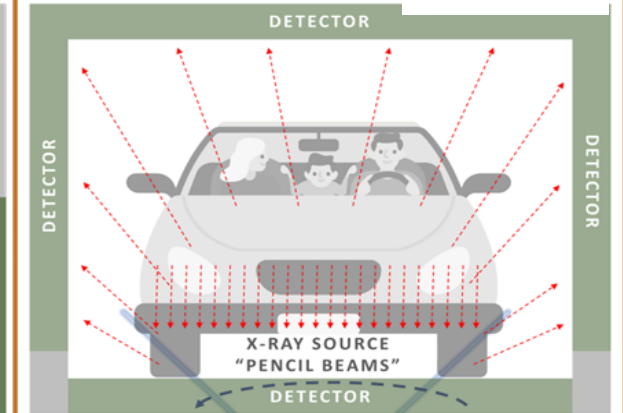
### 2. "Top-Down Dual Backscatter & Transmission" (using X-ray Pencil Beam)

X-Ray Source



### 3. "Ground-Up Dual Backscatter & Transmission" (using X-ray Pencil Beam)

X-Ray Source



*Designates X-ray Scatter,  
Absorption, and Transmission*



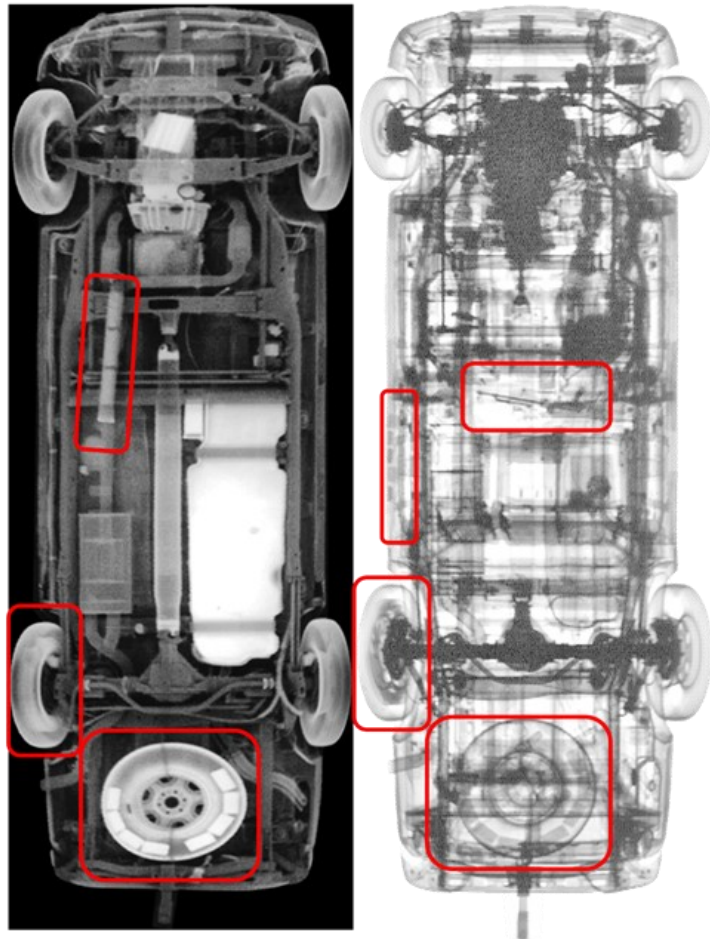


INNOVATIVE BORDER CONCEPTS

## MODEL PORT | Bottom-Up Scan Images

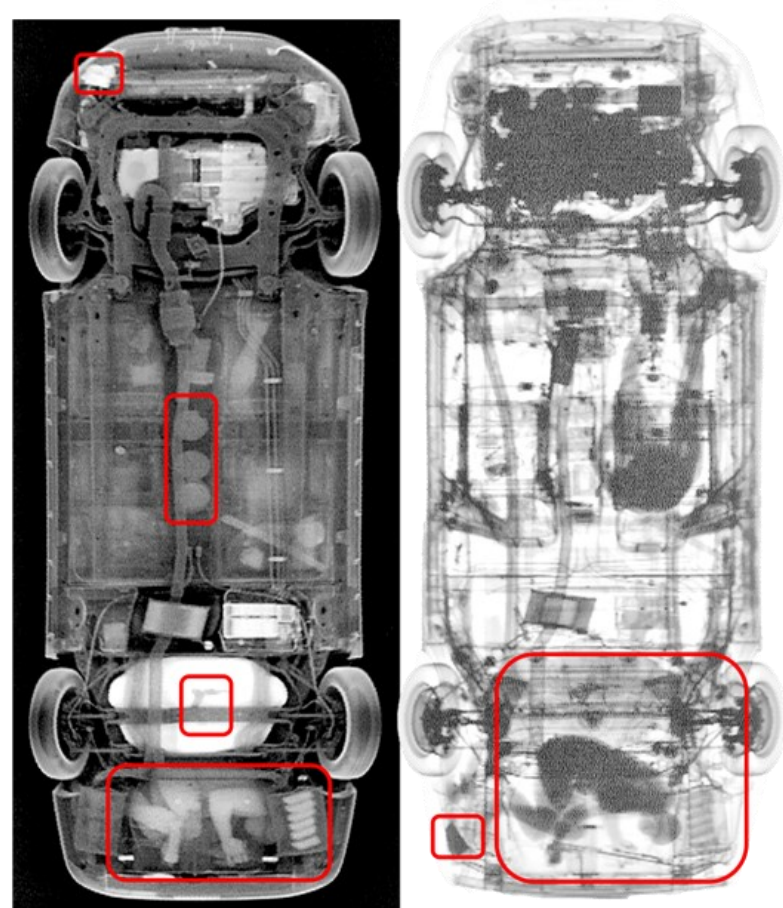
### LOADED SUV

Dual Backscatter & Transmission Imaging



### LOADED SEDAN

Dual Backscatter & Transmission Imaging

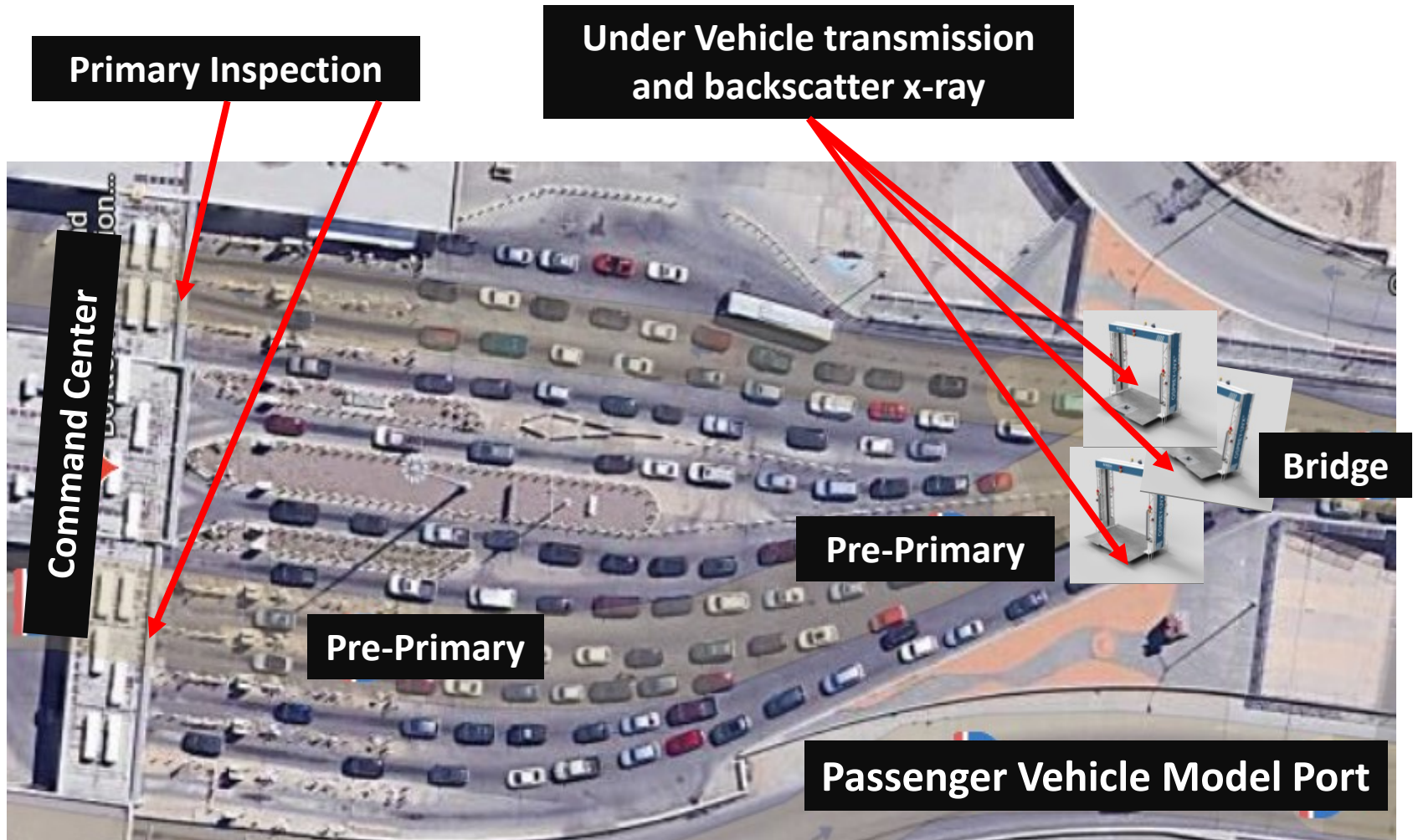






INNOVATIVE BORDER CONCEPTS

# Passenger Vehicle Model Port



Primary Inspection

Under Vehicle transmission  
and backscatter x-ray

Command Center

Pre-Primary

Pre-Primary

Bridge

Passenger Vehicle Model Port