



PNWER Border Session – July 22, 2019 Pre-Arrival Readiness Evaluation (PARE) at the Peace Bridge

*Ron Rienas, General Manager
Buffalo & Fort Erie Public Bridge Authority*



U.S. Plaza



Pre-Insection 2015



- CBP personnel pre-inspecting commercial vehicles in Canada. (2015)

Pre-Arrival Readiness Evaluation (PARE 1.0)

To facilitate bridge traffic during the bridge rehabilitation project PBA determined that only prepared trucks could cross bridge. PBA required all trucks to pre-pay border crossing fees and file e-manifests.

Objectives:

- Decrease border congestion and wait time.
- Increase the percentage of prepared arriving drivers.
- Prioritize access to the U.S. CBP Truck Primary for prepared commercial trips.
- Increase participation in CBP Trusted Trader Programs.

PARE 1.0

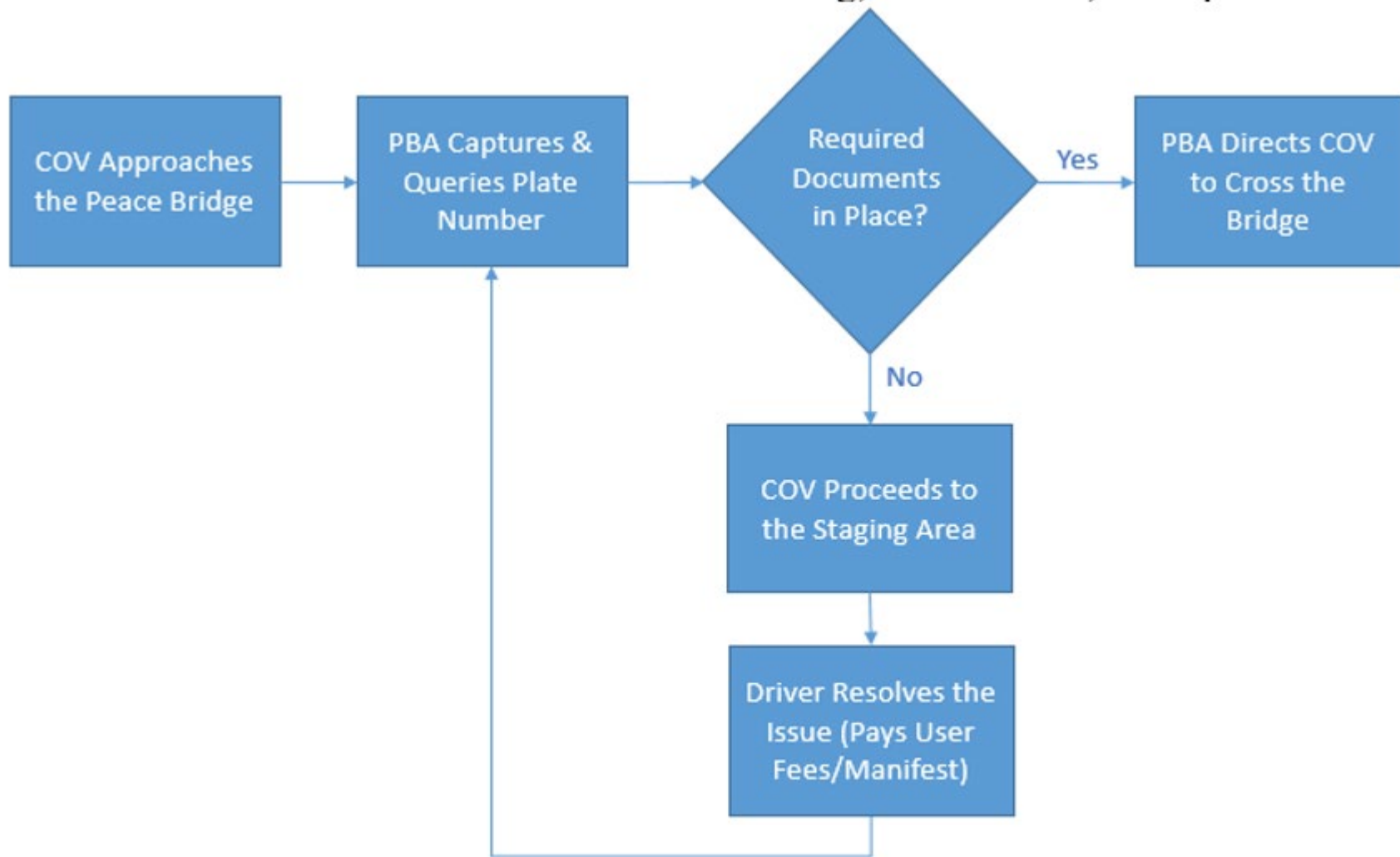
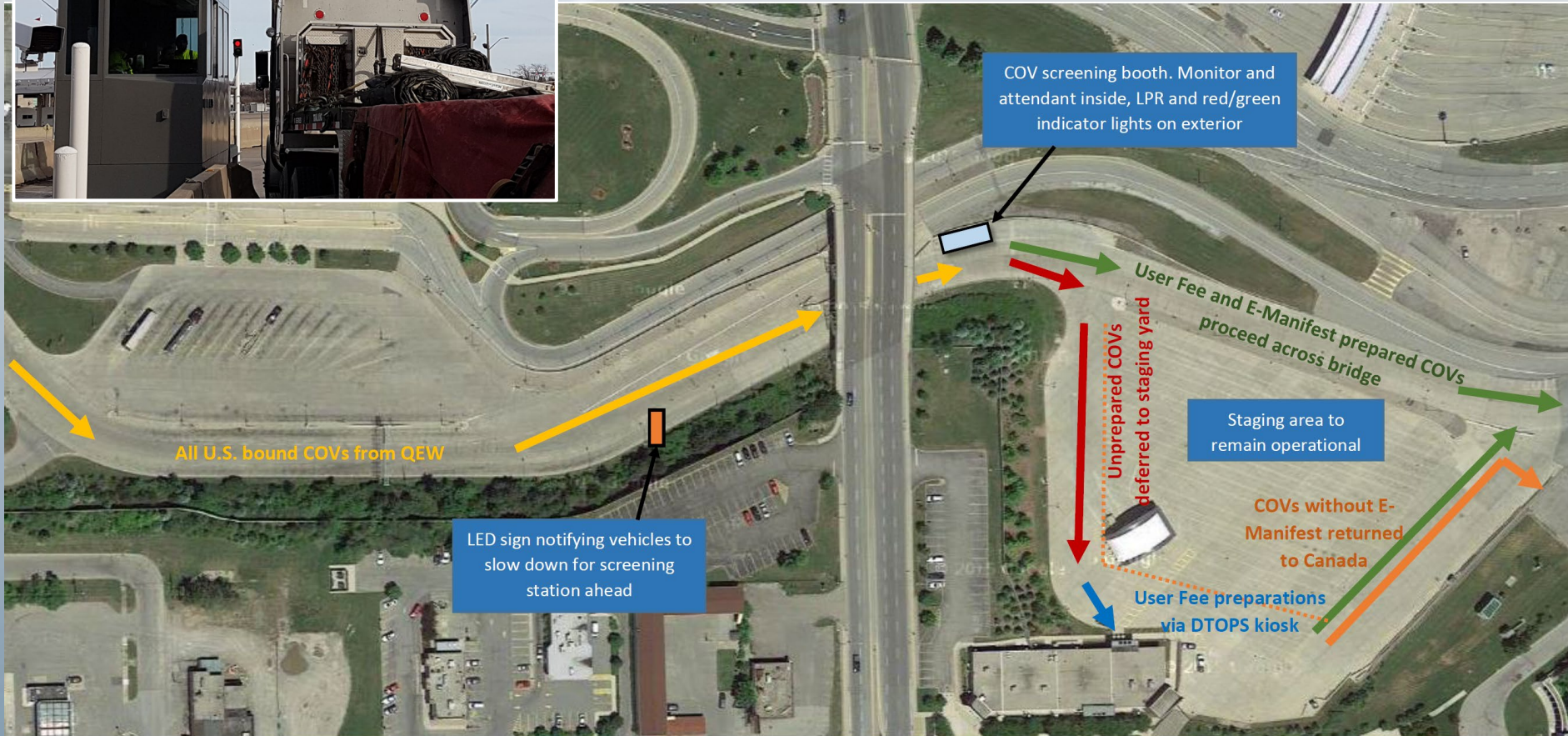


Figure 1 – Pre-Staging Business Process Flow

PARE 1.0



PRE-ARRIVAL READINESS EVALUATION (PARE)



U.S. Customs and Border Protection

Through partnering with PBA, the PARE pilot at Peace Bridge has yielded significant impacts on the use of electronic manifests and contactless payment for cargo processing by ensuring truck driver readiness prior to arrival at port.



Payment of User Fees and submission of e-Manifest are validated PBA prior to arrival.

Validated drivers proceed to Primary inspection.

Others are instructed to submit materials via secure CBP interface.

KEY IMPACTS

83% ↓

In manually collected user fees at port.

329% ↑

In e-Manifests filed for empty cargo trucks.

73.9 +

Seconds saved in processing time per vehicle.

1000 +

Officer hours saved in 2017

100% ↓

Removal of cash registers from Primary

CBP's vision is to advance its innovations at Peace Bridge through the continued support and investment with PBA, starting with PARE 2.0.





THE FUTURE IS SEAMLESS

Advancements in intelligent technology will vastly change the manner in which travel and trade are processed as they enter the United States at border ports of entry (POEs).

IMAGINE...



People and cargo cross the border without exchanging documents...



Making informed decisions about when to cross the border...



Vehicles and trucks drive themselves...

CBP is innovating for a landscape in which the physical and digital worlds are integrated and data can be used to not only enhance security but, create a seamless experience for the traveler.



INVESTING IN INNOVATION

CBP is investing in initiatives to prepare for this this seamless future by experimenting with intelligent technology and adapting infrastructure to capitalize on the integrated digital landscape.



EXPEDITED TRAVELER PROCESSING:

Testing and improving **wait time, Trusted Traveler, and active lane** management techniques for **port efficiencies**.



FUTURE OF VEHICLE PROCESSING

Exploring the **changing landscape with emerging technologies** and their implications on CBP operations and infrastructure.



CARGO INNOVATION:

Partnering with industry to **revolutionize port operations for cargo processing**.

A LOOK AT THE FUTURE

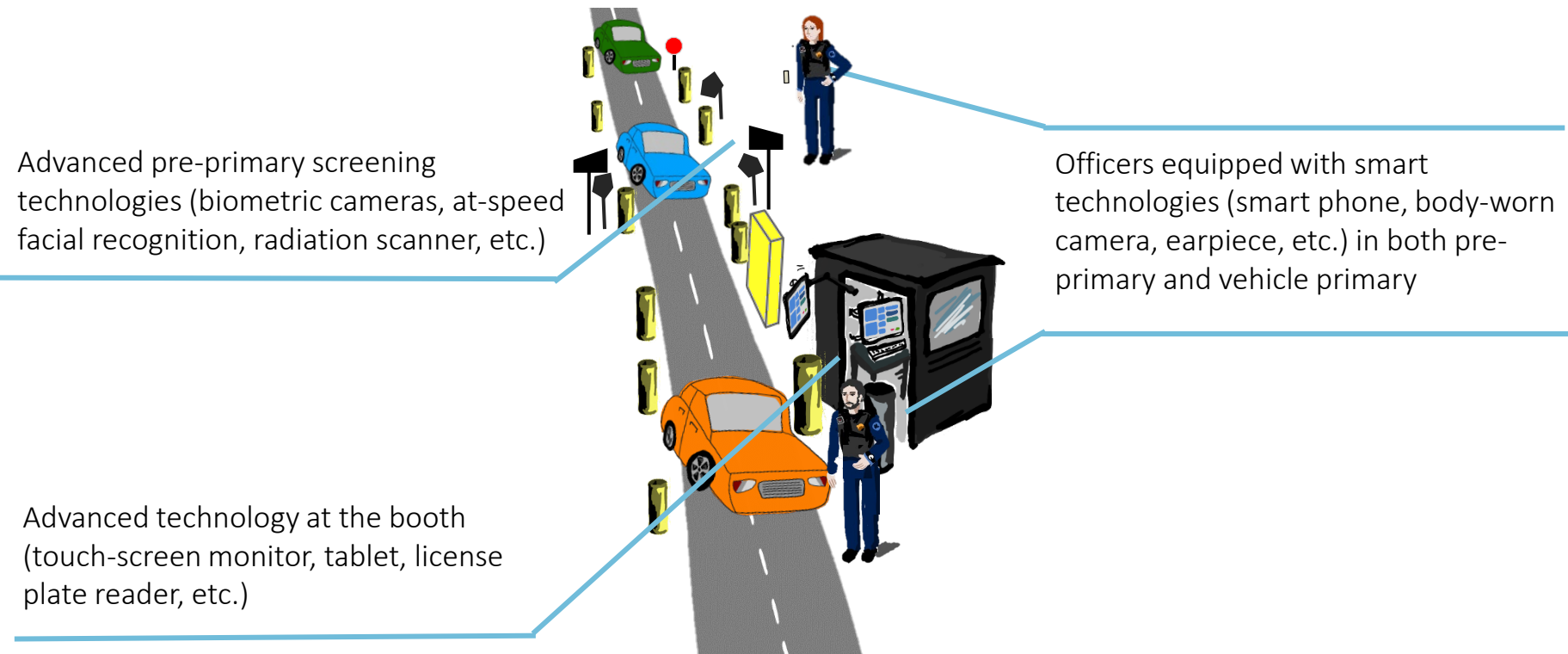
- **Expedient processing** for travelers to reach their destination with real-time communications
- **Seamless and secure infrastructure** for smooth processing with **enabling technologies**
- **Increased trade and travel promoting economic growth** while ensuring the highest level of security.





THE FUTURE OF VEHICLE PROCESSING

This snapshot of an inbound vehicle processing booth depicts a notional port of the future that incorporates a number of emerging technology pilots under way that increase officer mobility while improving a seamless traveler processing experience.





THE FUTURE OF CARGO PROCESSING

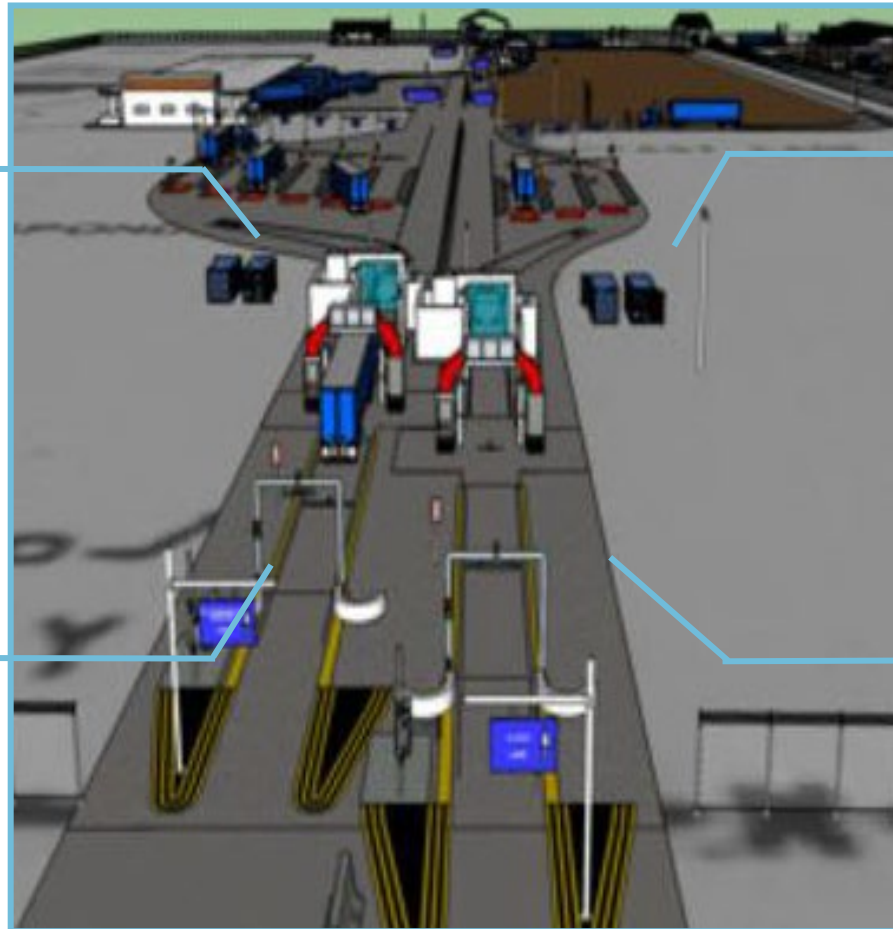
Expansion of advanced technologies (e.g., biometric facial recognition) is already underway and will transform border operations for cargo processing to resolve congestion concerns and expedite trade.

Expanded use of RFID readers and license plate readers (LPRs)

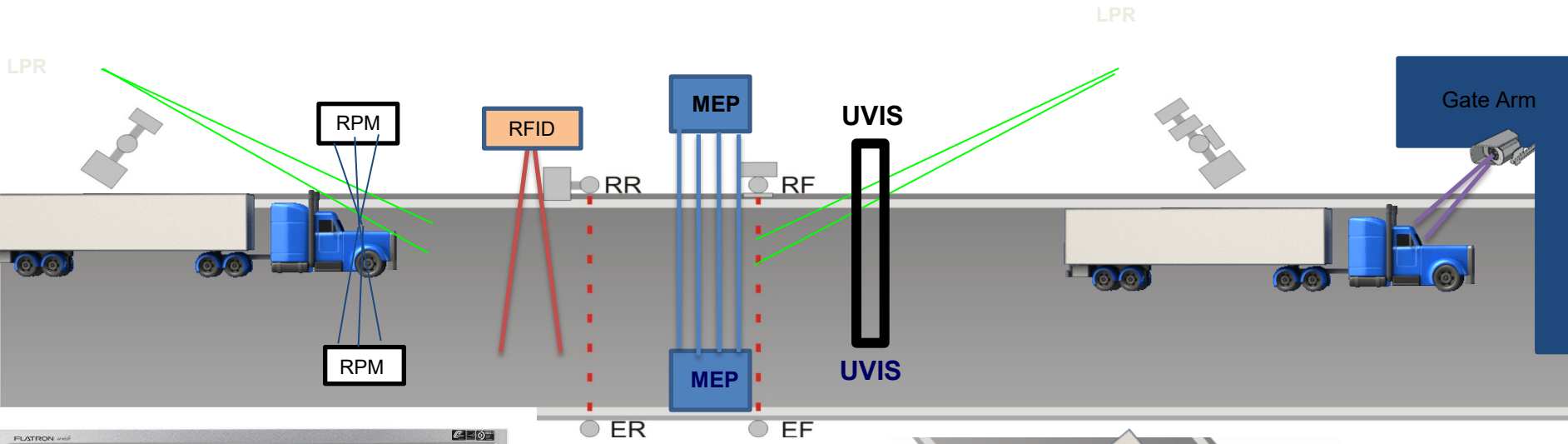
At-speed facial biometric checks and audio/visual communications

Advanced radiation portal monitors (RPMs)

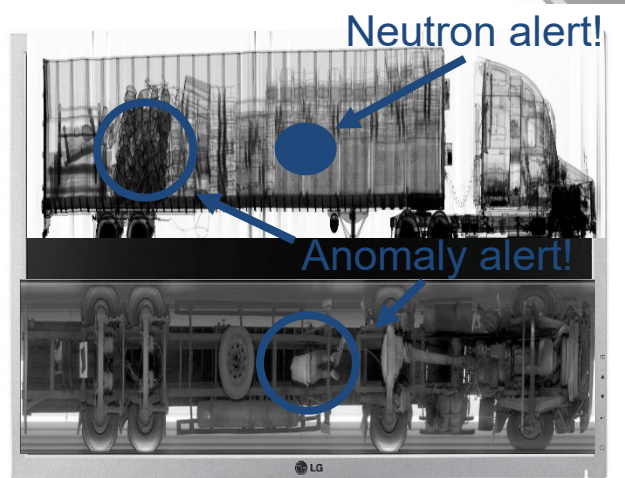
Multi-energy portal drive through imaging systems



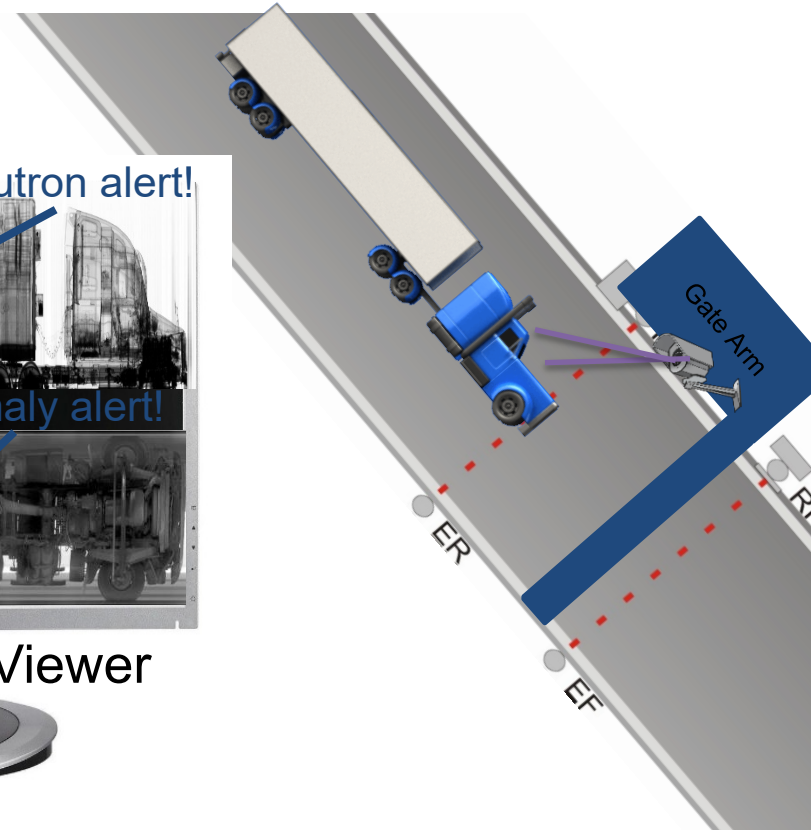
PARE 3.0



ACE Workstation



Common Viewer



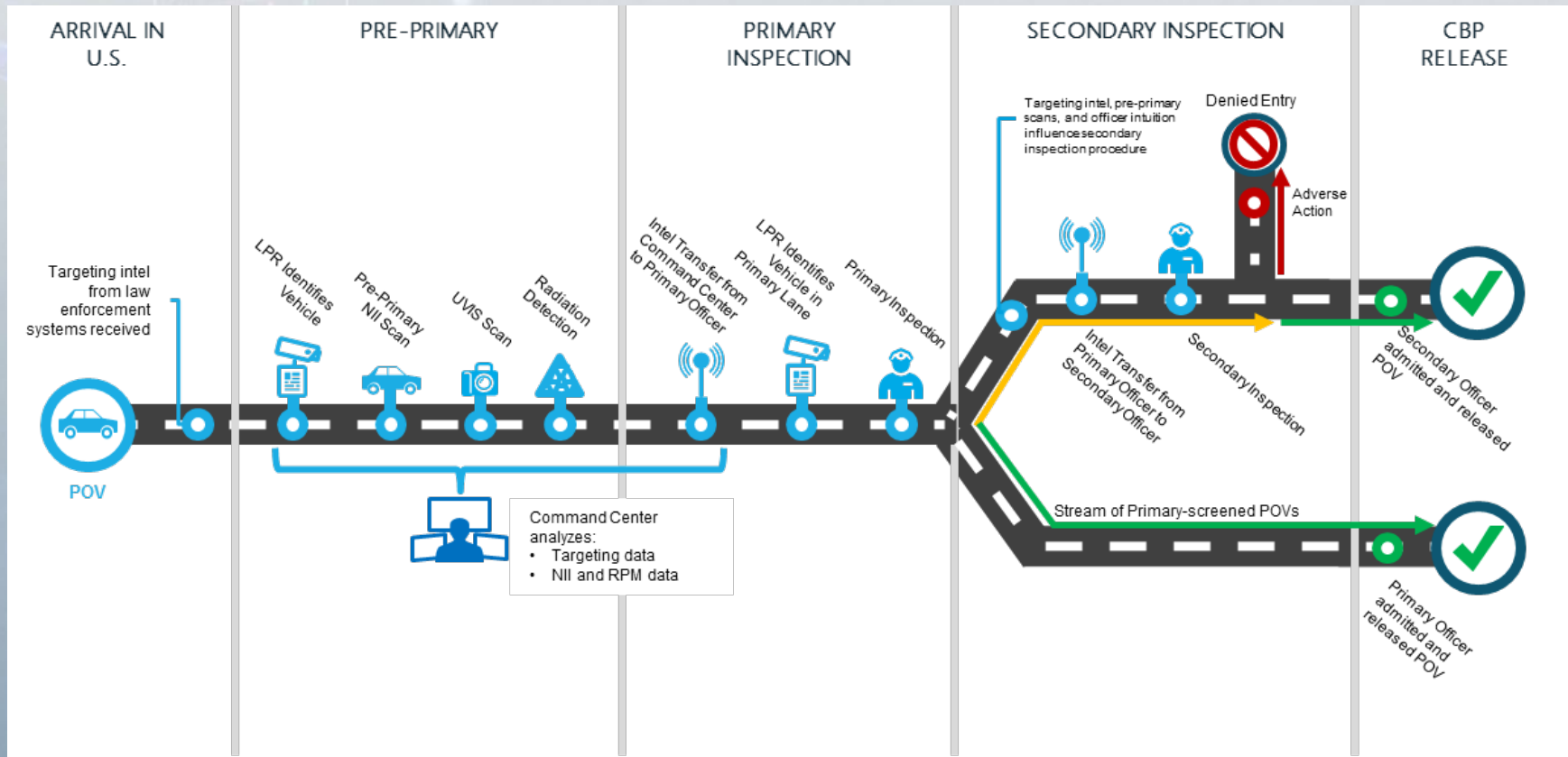


Pre-Inspection/Clearance

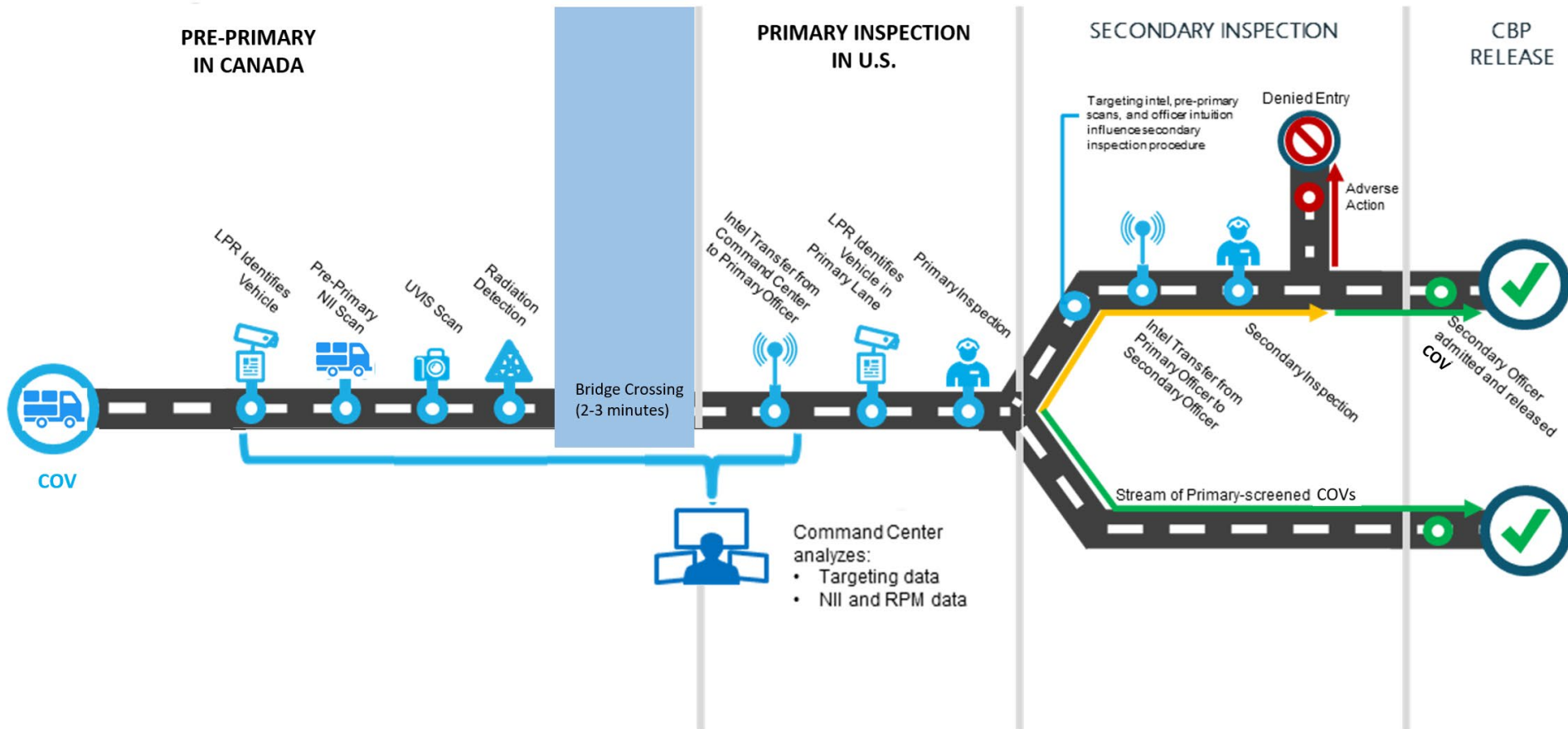
Command Centre/Enforcement

LPOE CONOPS

1. Move NII equipment from secondary inspection to pre-primary/primary inspection
2. Employ Command Center Concept to communicate, image analysis, and adjudicate



Peace Bridge Future



SCANNING OF OCCUPIED VEHICLES



U.S. Customs and
Border Protection

Passenger and commercial vehicles are able to drive through the system while the driver and passengers remain in the conveyance and are scanned at a low-dose rate.

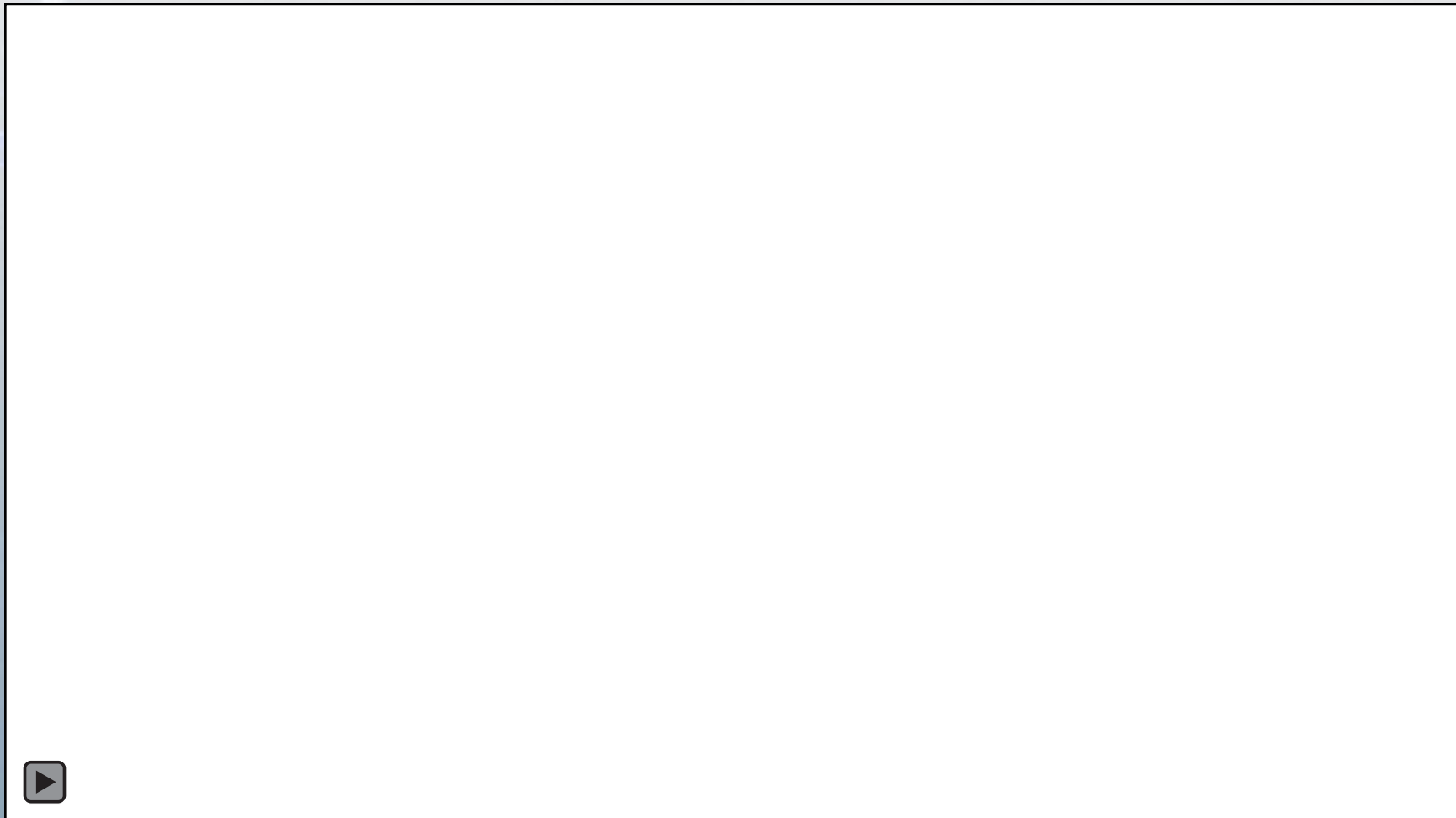


Imaging systems are evaluated for their ability to meet radiation safety requirements set by the American National Standards Institute (ANSI), and privacy standards established by the Health Insurance Portability and Accountability Act (HIPAA).

The associated safety and privacy requirements have been approved by the CBP Radiation Safety Committee (RSC) and Radiation Safety Officer (RSO) along with consultation from CBP Office of Chief Counsel.

CBP has been scanning occupied vehicles since 2008 with the deployment of the AS&E Z-Portal. Advances in technology provide for greater capabilities while maintaining radiation safety standards.

PARE 3.0





Questions & Answers
