

NII Overview



DIANE J. SABATINO

ACTING EXECUTIVE ASSISTANT COMMISSIONER

OFFICE OF FIELD OPERATIONS

U.S. CUSTOMS AND BORDER PROTECTION





BROWNSVILLE, TX



Overview



CBP envisions a seamless process at ports of entry that incorporates a flexible suite of tools and technology to provide the best user experience for our workforce as well as the travel and trade community that cross through and work with us at ports of entry.

1. Enable Information Travel and Trade

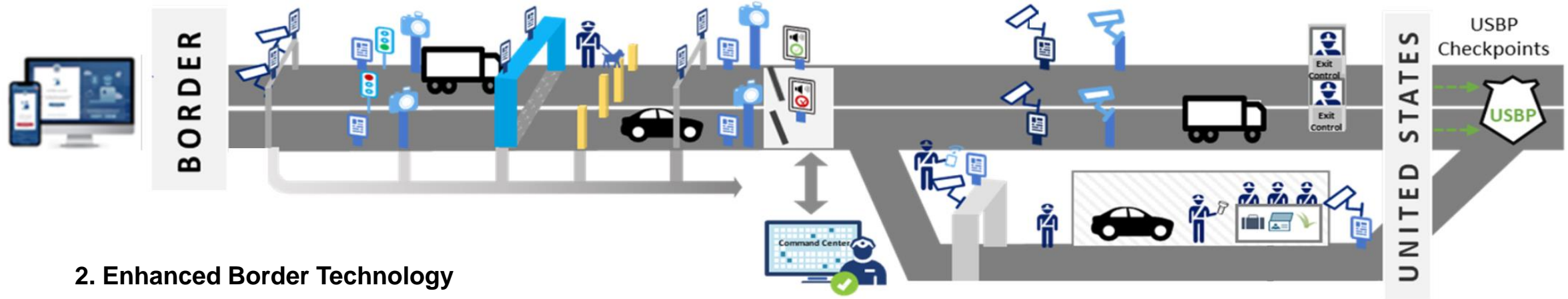
Prior to arrival, travelers and trade stakeholders have web and mobile access to information and can submit necessary information and documentation in advance of scheduled arrivals.

3. Integrated Advanced Analytics

As travelers, conveyances and cargo move through various technologies, data continues to be captured and run through advanced analytics and intelligence to flag any high-risk concerns for appropriate personnel.

5. Common Operating Picture

Personnel have access to full operating picture at their fingertips to optimize decision making through real-time intelligence and situational awareness supported by technology and advanced analytics even beyond the port of entry.



2. Enhanced Border Technology

Upon arrival, a diverse suite of technologies are used to automate the capture of data on travelers, conveyances, and cargo to create integrated data package that can be leveraged throughout the operations

4. Optimized Resources

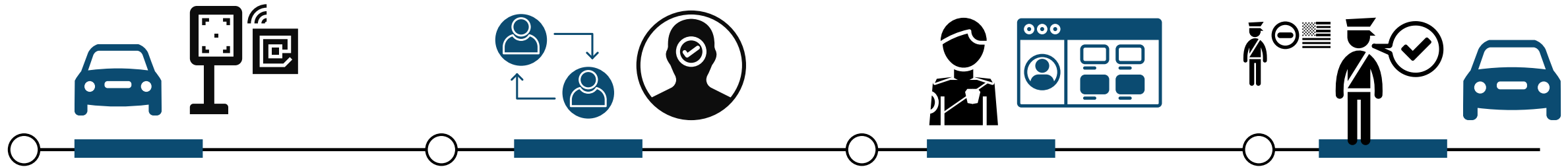
Manual processes are automated through customized tools and technologies to support diverse operational needs and reduce administrative burden.

6. Partnerships

CBP will continue to collaborate with government, industry and stakeholders to identify best practices, leverage data sharing and partner to enhance security and customer experience.



Vehicle Processing Vision



Biometric and LPR Photo Captured; RFID Read

Travelers Arrive at POE

Vehicle passes through the z-portal and Pre-Primary Zone toward Primary booth. Biometric and LPR photos and RFID document(s) captured

Biometric Match Against Document/Occupant Gallery

Biometric Match and Enforcement Queries

Vehicle passes through the z-portal and Pre-Primary Zone toward Primary booth. Biometric and LPR photos and RFID document(s) captured

Primary Inspection, to Include Biometric Verification

Officer Adjudication

Officer uses SA-Vehicle Biometric to process both vehicle and traveler(s); confirms match result and adjudicates hits

Admission to U.S.

Officer Admits/Refers

Officer has final Admit/Refer determination on identity and admissibility



Non-Intrusive Inspection (NII) Technology

Focus: Assess, identify, and deploy advanced NII capabilities to increase scanning throughput (*efficiency*) thereby increasing the probability of interdiction (*effectiveness*).

- Mission**
- Enhance Border Security through Multi-layered defenses and advanced technology.
 - Facilitate Lawful trade and travel to continue economic growth.

- Need**
- Decrease NII Processing time.
 - Enhance image analysis capability.
 - Integrate NII and data with other CBP systems and operations.

- Impact**
- Improved security posture.
 - Redirect officers to other duties.
 - Remain ready to interdict emerging threats.
 - Enhance facilitation through integration with other OFO Programs.

Driving Factors



Implement Strategic Priorities

National and DHS strategies indicate CBP must utilize advanced technology to enhance security measures at the Nation's Borders.

Adaptive Smuggling Techniques

>85% of NII-attributed seizures and total weight of narcotics seized are based on scanning less than 2% of POVs and 1% of commercial vehicles on the Southwest Border.

Strengthen interdiction capabilities by harnessing innovative technology

Technological advances have improved and allow for secure integration, which is indicated as an effective way to counter trade-based threats.



Algorithm Development

A single-use case may require multiple algorithms

Routine algorithm training for improved performance and to address new threats

Continuous evaluation in production to ensure peak performance

