

# Unified Border Information System - UBIS

A Needs Assessment



# Presentation Structure

- Overview Of Current Situation
- Issues That Need Addressing
- The UBIS Concept
- How can we help
- Next steps

## Current Status

# Security Shortcomings

- Multiple systems & infrastructure
- Fragmentation of data
- Data ownership and update issues
- Minimal coordination between agencies
- Gaps in data collection
- Data collection rivalry between agencies

## Current Status

# Financial Disadvantages

- Duplication of ICT services & infrastructure
- Uncoordinated budgeting and spending
- Unrepresented entities
- Lost revenue

# Proposed Solution

- **Implement UBIS Concept**

# What is UBIS ?

- Centralized Database
- Secure Network & Applications
- Positive Identification & Tracking Systems
- Data accessible on-line to all agencies
- Agencies can extract relevant information
- Data analysis for each agency – in house

# UBIS objectives

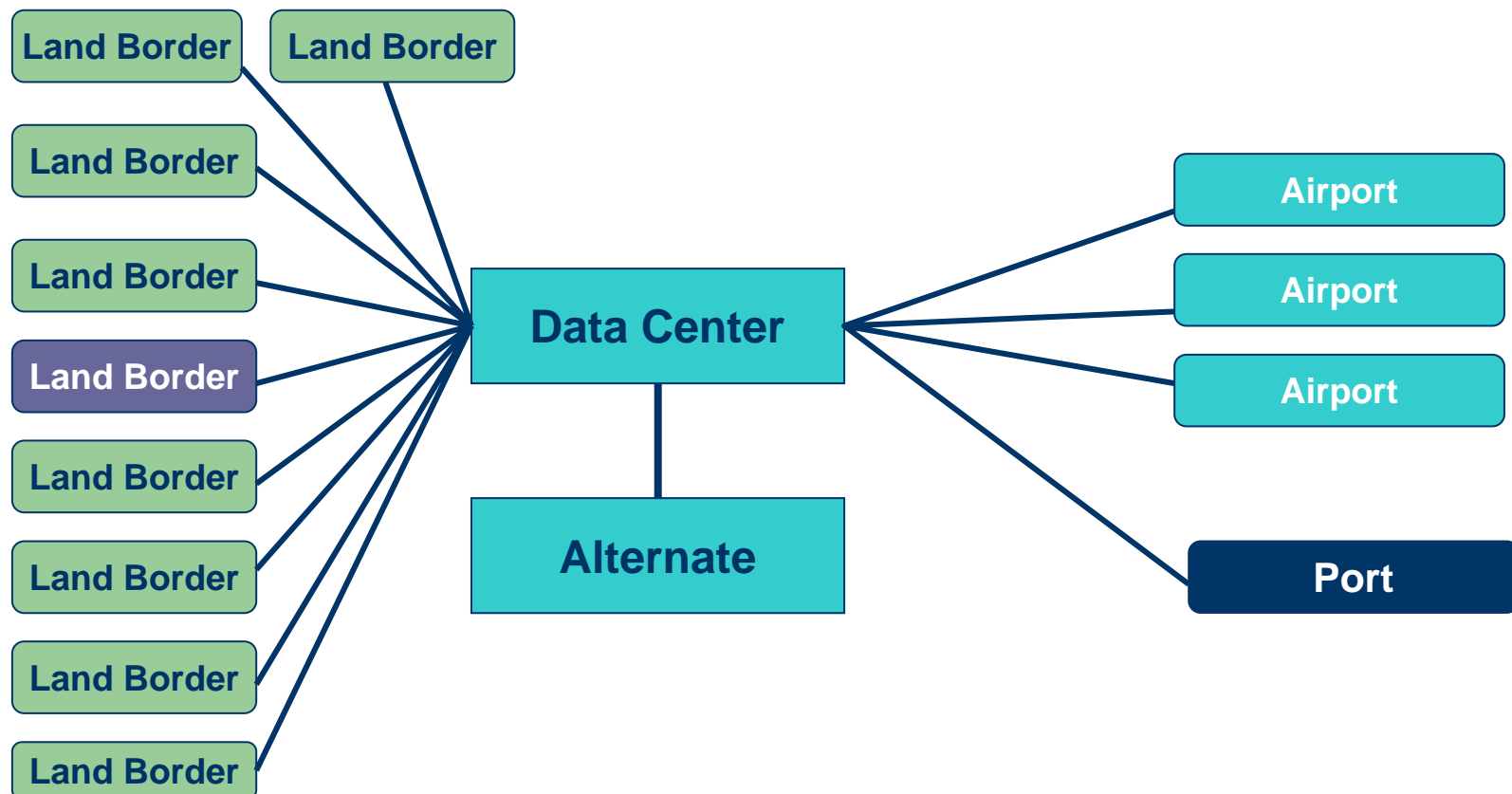
- Inter-agency framework of cooperation
- Re-engineering of workflow at border posts
- Centralized processing of border data
- Immediate and accurate data availability
- Introduce Positive Identification Systems
- Protect information privacy and security
- Nucleus of National Security database

# UBIS Main Components

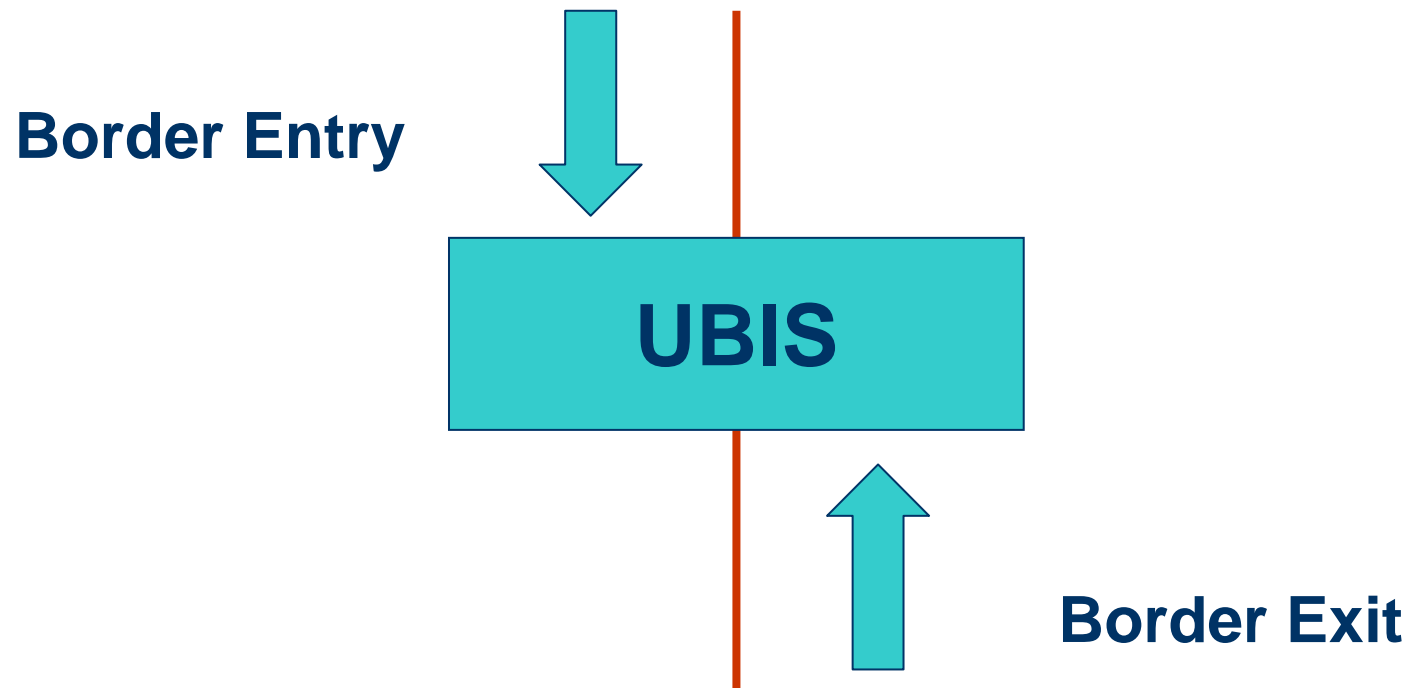
- Operations Center
  - Centralized database replicated at alternative site
- Centralized Applications
  - Multi purpose browser based applications
- Secure Wide Area Network
  - Data, Voice, Imaging & Video
- Positive Identification & Tracking Systems
  - Fingerprint Identification , Iris Recognition
  - Truck & Container X-Ray Scanning



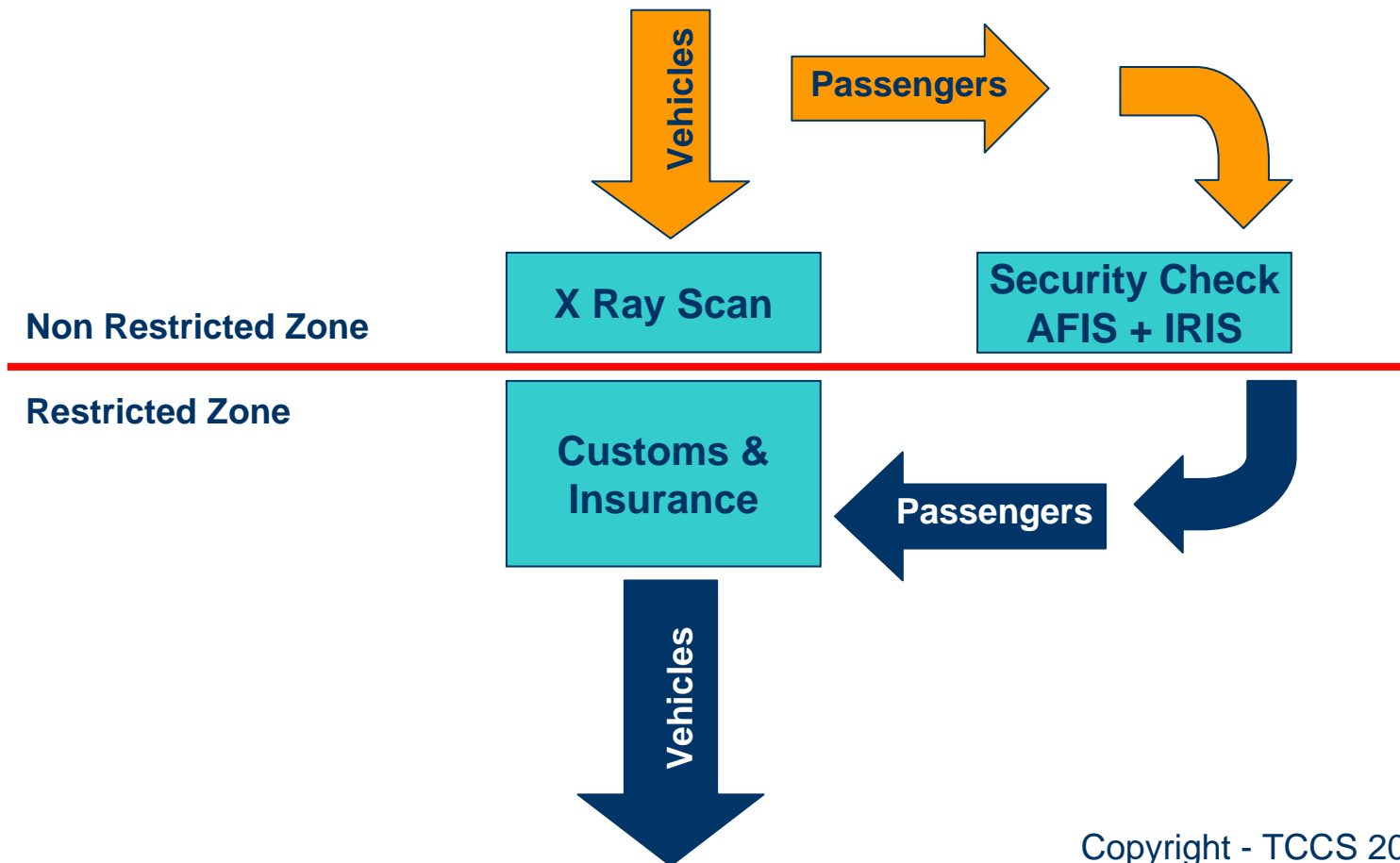
# UBIS Network Diagram



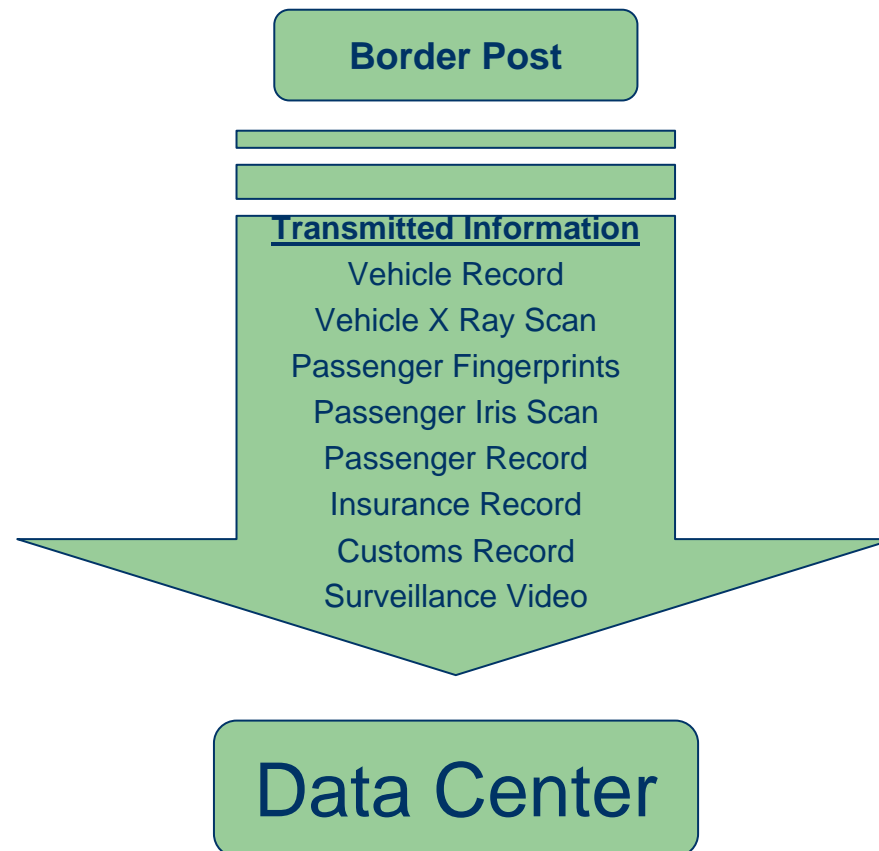
# UBIS Logical Placement



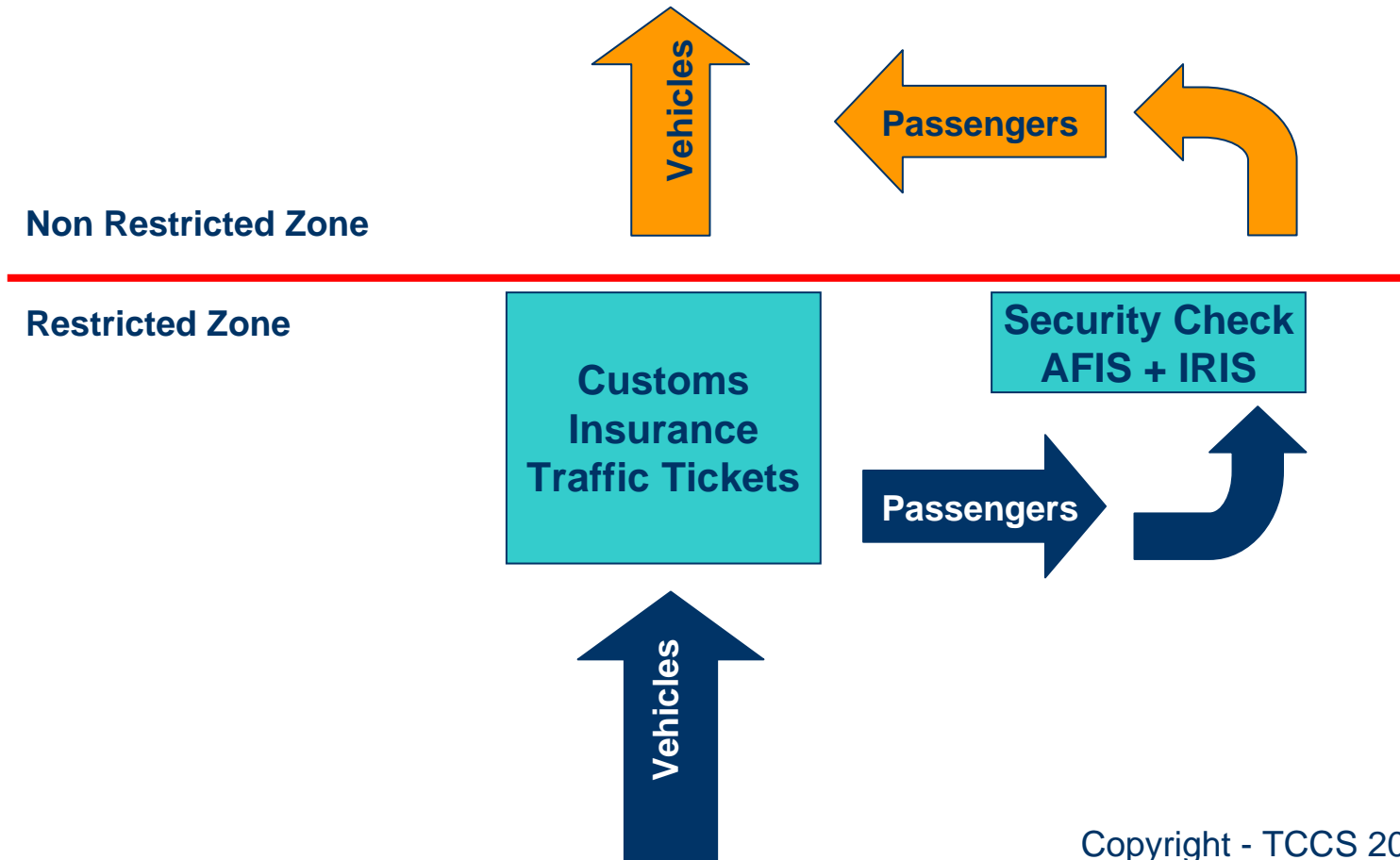
# UBIS On Land Borders - Entry



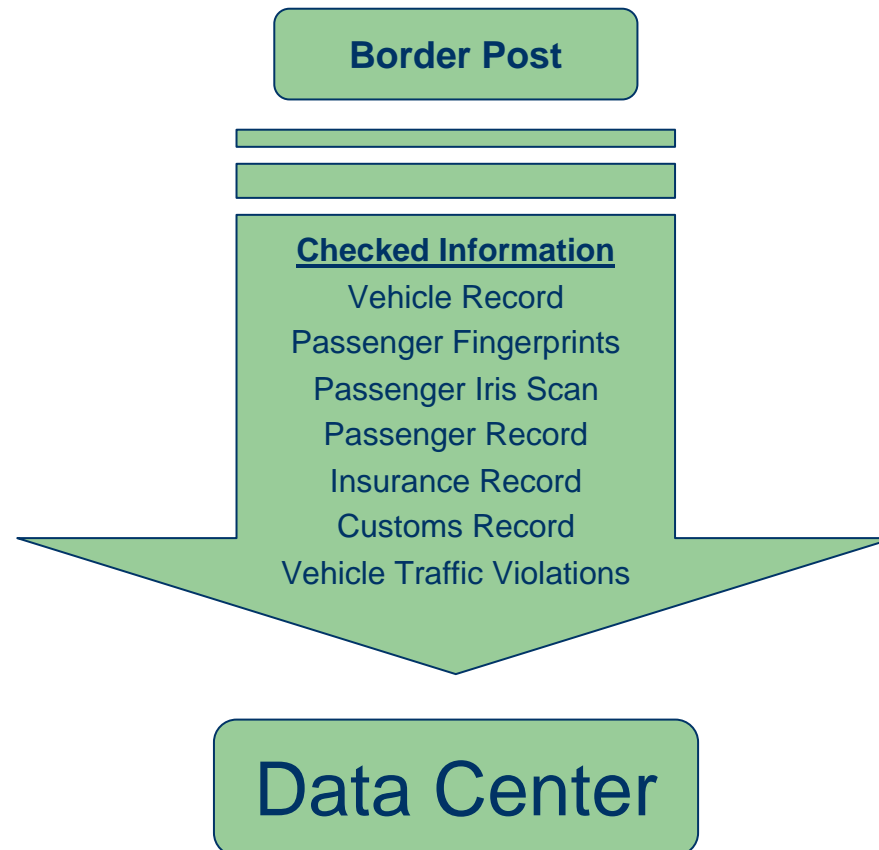
# UBIS Transmitted Data – On Entry



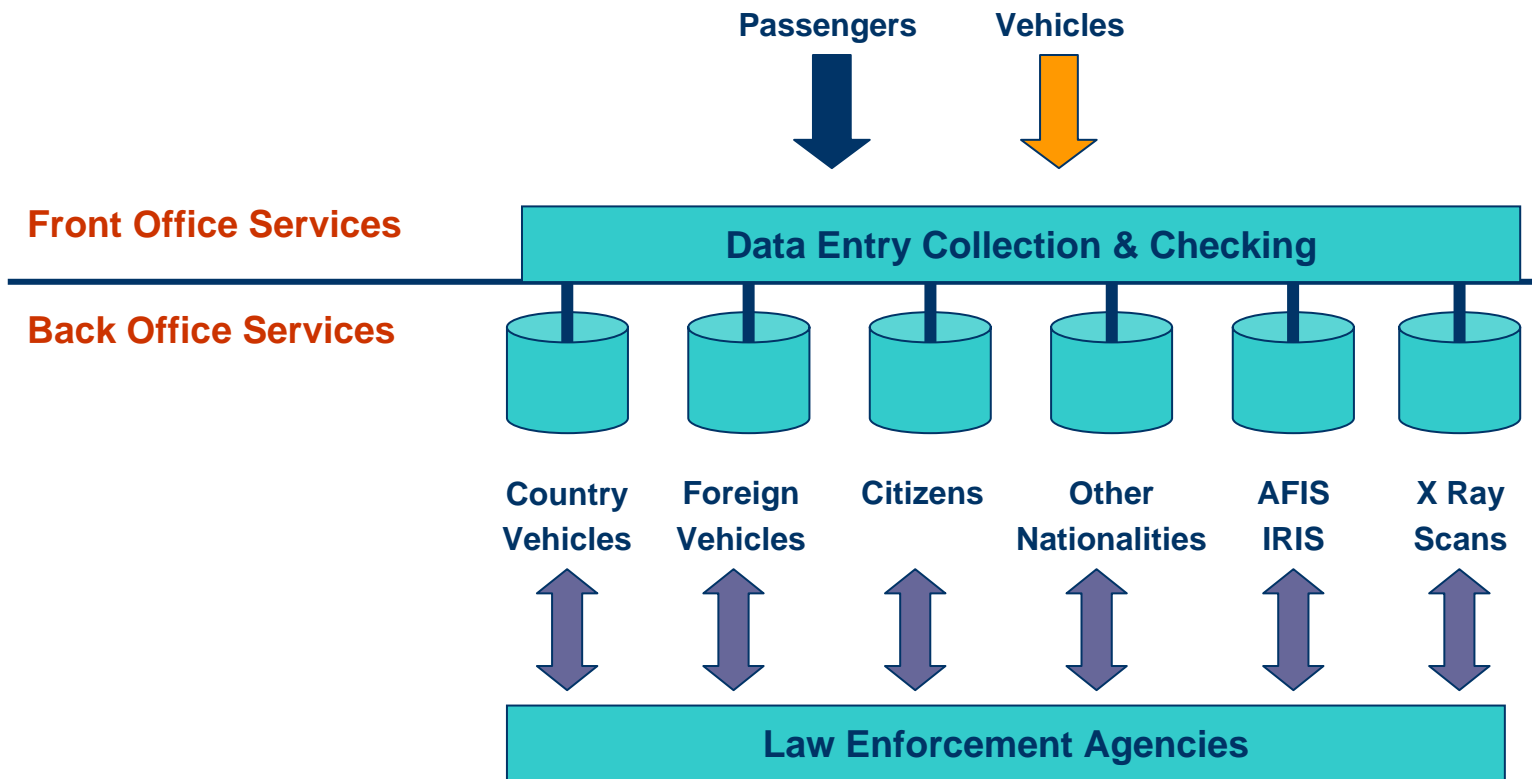
# UBIS On Land Borders - Exit



# UBIS Checked Data – On Exit



# UBIS – Proposed Service Model



## We Can Offer - Consulting

- Technical & Functional Specifications
- Technology Validation
- Logical Design
- Operational Specifications
- Contract Negotiations
- Assistance In Securing Funding



## We Can Offer – Project Management

- Contract Management
- Project Planning
- Implementation Supervision
- Systems Acceptance & Commissioning

## Next Step

- Evaluate The Concept

## Next Steps – If Concept Approved

- Identify Project Owner
- Prepare Detailed Specifications
- Secure Necessary Funding
- Initiate Project Planning
- Implementation