



# U.S. & Mexican Border Efficiency for Trade and Security

## Vehicle Identification via License Plate Readers



# Perceptics History

- In Business 38+ Years
- Historical Success in Border Applications
- Focus in North America
- 2014 Launched G7 Platform of Products
- Continual Investments in People, Products and Highest Performance

# Perceptics G7 Platform

- Higher Performance & Speed  
→ Higher Accuracy
- High Resolution & Wide Field  
→ Less Exclusions
- Lower Power & Low Heat Output
- Smaller Footprint
- Common Platform Across All Applications
- Extended Product to OCR Server for Back Office
- Added Peripherals & Interfaces



# LPR as Vehicle Identification

- License Plate Only Common Marking on All Vehicles
  - Personal Vehicles
  - Commercial / Cargo Vehicles
- Complete Interoperability
  - All Plates & Formats
  - All States & Provinces
  - All 3 Countries
- Automatically Determine Vehicle Data, to Speed All Other Areas of Operation and Data Gathering
- Accuracy for Borders Includes Reliable State / Province Identification



# Perceptics Involvement in North American Borders

- U.S. CBP Historical Supplier & WHTI/LBI Program
  - Started with CBP in 1982; Now 10 Year Track Record with Unisys
  - Unisys Awarded New CBP ITI Program; Strong Partnership
  - Inbound, Outbound, Inland Checkpoints & Secondary Inspection
  - Low Speed and Highway Speed



# Perceptics Involvement in North American Borders

- U.S. CBP Historical Supplier & WHTI Program
  - Concept of Operations Focused on Effective & Efficient:
    - Eyes on Vehicle & Occupants
    - LPR is a Force Multiplier: 1 Officer Does Work of 2
    - CBP Officer Safety
    - High Volume, High Traffic Ports of Entry
  - Architecture Combines Vehicle & Passenger Biographic/Passport Data





# Perceptics Involvement in North American Borders

- Canada Border Services Agency
  - Historical Supplier
  - Awarded New IPIL “2” Deployment Program in 2015
  - Partially Deployed
  - New Specification of 98% Accuracy, Including Any Mix of Plates with Province / State Identification



# Perceptics Involvement in North American Borders

- Mexican SAT / Aduanas
  - Awarded Platinum “Most Critical” Lanes in 2014
  - Lanes Not Currently in Operation
  - SAT PITA Program Seen Delays





# Commercial / Cargo Operations

- Perceptics Has Invested Heavily in this Application
- Plate Population More Difficult, Especially State / Provenance Identification
- Perceptics in Discussions on Proof of Concept with Multiple North American Border Agencies
- Automated Information Match is Key
  - Manifest & Cargo Data
  - Tractor License Plate
  - Trailer License Plate
  - Driver Biographic / Passport Info



# Tolling Relationship to Borders

- Had Discussions with Parties Interested to Combine Operations for Tolling and Border Security
- Significant Data Security Hurdles
  - Border Crossing Data Consider National Security Confidential
- Full Cooperation Required from Disparate Agencies
  - Data Sharing Has Always Been a Challenge Between Any Agencies



SUMMIT OF THE AMERICAS IN MEXICO CITY  
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Thank You