License Plate Recognition
Law Enforcement Benefits

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National Standard Requirement

The lack of National standards regarding the formatting of license plates significantly impairs the effectiveness of LPR technology.

LPR technology has become a tremendous tool for law enforcement in the areas of:

- Improved public safety
- Homeland Security
- Increased traffic safety
- Greater officer safety
Improved Public Safety

- Benefits to Criminal Enforcement
  - Wanted individuals removed from society
  - Stolen vehicles recovered
  - Enhanced Amber Alert enforcement
Improved Public Safety – Con’t

- Homeland Security Benefits
  - Improved security at Critical Infrastructure – Government and Private Sector
    - Partnerships through technology
  - Time line application
  - Southern/Northern Border Security
    - Criminal interdiction (CBP – POE fixed LPRs)
    - VIGTOF and CT enhancements
  - Increased data sharing and analysis (SARs)
    - Faisal Shahzad – Time Square Bomber exemplifies how intelligence and technology could help in future events
Increased Traffic Safety

- Suspended/Revoked Operators
  - Significantly more likely to be involved in:
    - Accidents/Crashes
    - Reckless operation
    - Vehicle and traffic violations

- Removal of these operators from the roadways increases roadway safety

- LEOs are 2.5 times more effective with LPR technology
Greater Officer Safety

- LPR technology:
  - Increases situational awareness
  - Reduces the “unknown” factor
  - Reduction in high speed pursuits
  - Owner/operator can be taken into custody at a later date/time
NCIC Categories

Tools to keep Police Officers safe and more effective

- “V” Stolen Vehicle!
- “W” Wanted Person! Or “M” Missing Person!
- “V” Out of State Stolen Vehicle.
- “P” Stolen License Plate.
- “X” (“S” NCIC) Suspended or Revoked Registration
- “C” Supervised Release - Not cause to stop - Check NYSPIN.
- “H” Protection order - Not cause to stop - Check NYSPIN.
- “N” Immigration Violator - Not cause to stop - Check NYSPIN.
- “T” VGTOF - Not cause to stop - Check NYSPIN.
- “S” Convicted Sexual Offender Registry - Not cause to stop - Check NYSPIN.
- “R” Unknown Alarm - Canadian Origin - Check NYSPIN.
- Scofflaw or Other Violation
NYSP 2010 LPR Stats

- Over 8 Million Plates Read
- 29,748 “Hits”
- 14,121 V&T Arrests
- 2,897 Suspended and Revoked Operators Arrests
- 146 Felony Arrests
- 292 Misdemeanor Arrests
- 26 Stolen Vehicles
- 41 Wanted Persons
Law Enforcement Systems
Mobile Plate Hunter LPR-Solutions

Mounted Mobile

Transportable

Covert

Color (AD3M)

Fixed Gate Smart Cameras
Fixed Mounted
Examples Of LPRs At Work

- In New York State, LPR equipped officers removed 4 dangerous criminals, solved a quintuple homicide and recovered over $200,000 worth of stolen vehicles
- The Ohio State Highway Patrol captured 23 criminals and 24 stolen vehicles within a four month period
- LPR technology is being utilized by law enforcement after a terrorist attack/incident to obtain additional information (Time Square bombing attempt)
- In two recent counter-terrorism cases, LPR technology was used to track the location of vehicles that were being used by subjects suspected of plotting terrorist attacks against the United States over a span of time
Summary

- Challenge – Changing the mindset
- Partnerships – We are all in this together
  - Cost effective standards for manufacturing
  - Advanced notice to LPR industry when design changes occur within scope of standards
- LPRs are here to stay and their usage will only expand moving forward
- Public safety, Officer safety, and Homeland Security requirements are all reasons for mutual cooperation and setting best practice standards
New York State Police

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Office of Counter Terrorism

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