



License Plate Recognition

Law Enforcement Benefits

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March 13, 2012



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 \$200,00 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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