LPR Training
• “NOT PROBABLE CAUSE”
Automated License Plate Readers (ALPRs)

462.1 PURPOSE AND SCOPE
Automated License Plate Reader (ALPR) technology, also known as License Plate Recognition, provides automated detection of license plates. ALPRs are used by the Elk Grove Police Department to convert data associated with vehicle license plates for official law enforcement purposes, including identifying stolen or wanted vehicles, stolen license plates and missing persons. ALPRs may also be used to gather information related to active warrants, homeland security, electronic surveillance, suspect interdiction and stolen property recovery.

462.2 ADMINISTRATION OF ALPR DATA
All installation and maintenance of ALPR equipment, as well as ALPR data retention and access shall be managed by the Administration Division Commander. The Administration Division Commander will assign personnel under his/her command to administer the day-to-day operation of the ALPR equipment and data.

462.3 ALPR OPERATION
Use of an ALPR is restricted to the purposes outlined below. Department personnel shall not use, or allow others to use the equipment or database records for any unauthorized purpose.
Care of equipment

• Carwash
• Cameras
• Camera Lens
Use of LPR System

- CPU in rear area of vehicle
- All green lights with blue power light
Reporting problems

• Write vehicle up
• Send me email
TYPES OF CAMERAS

MISSION BASED OPTIONS

- Different Focal Lengths
  - 16mm
  - 25mm
  - 35mm
  - 50mm
  - 75mm
- Infrared/Color
TYPES OF CAMERAS

MISSION BASED OPTIONS

- Different Focal Lengths
  - 16mm
  - 25mm
  - 35mm
  - 50mm

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50-mm Camera

“Monitoring Undivided Highways”
50-mm Camera
Camera Model # VVC-01-850-XE

- Used for Monitoring high-capacity boulevards and rural highways
  - No median
  - Next lane over
- “Sweet Spot” capture distance = 43’
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Camera Use Case Diagram
In Transit “Next Lane” Scanning 50mm Lens Package
What the report highlights......

RETENTION POLICIES: ALL OVER THE MAP

MINNESOTA STATE PATROL
Population: 5.3 million
Data policy: Delete after 48 hours
Stored plate reads: Less than 20,000

MILPITAS, CA
Population: 67,000
Data policy: None
Stored plate reads: 4.7 million
[as of 8/2/12]

JERSEY CITY, NJ
Population: 250,000
Data policy: Delete after 5 years
Stored plate reads: 10 million [estimated]
[as of 8/2/12]

GRAPEVINE, TX
Population: 47,000
Data policy: None
Stored plate reads: 2 million
[as of 8/29/12]

YOU ARE BEING TRACKED
How License Plate Readers Are Being Used To Record Americans’ Movements
**Elk Grove – 2 years**

**LPR DATA RETENTION**

**DATA RETENTION LAWS**

- **No Set time California or Fed**
  - Except CHP

- **States with retention periods**
  - **New Jersey** — 5 Years
  - **Utah** — 9 Months
  - **Minnesota** — 48 Hours
  - **Vermont** — 18 Months
  - **Arkansas** — 150 Days
  - **New Hampshire** — Not Allowed

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### Automatic license plate reader retention periods around the country

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Plate Data Retention Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minnesota State Patrol</td>
<td>1 to 30 days</td>
</tr>
<tr>
<td>Burbank, IL</td>
<td>1 to 30 days</td>
</tr>
<tr>
<td>Deer Park, NY</td>
<td>31 days</td>
</tr>
<tr>
<td>Jacksonville, NC</td>
<td>30 days</td>
</tr>
<tr>
<td>Schenectady, NY</td>
<td>30 days</td>
</tr>
<tr>
<td>New Paltz, NY</td>
<td>30 days</td>
</tr>
<tr>
<td>Boston, MA</td>
<td>90 days</td>
</tr>
<tr>
<td>Fishkill, NY</td>
<td>30 days</td>
</tr>
<tr>
<td>Franklin County, OH</td>
<td>90 days</td>
</tr>
<tr>
<td>Sugar Land, TX</td>
<td>90 days</td>
</tr>
<tr>
<td>Raleigh, NC</td>
<td>90 days</td>
</tr>
<tr>
<td>New Castle County, DE</td>
<td>360 days</td>
</tr>
<tr>
<td>Dutchess County, NY</td>
<td>360 days</td>
</tr>
<tr>
<td>Highland Village, TX</td>
<td>360 days</td>
</tr>
<tr>
<td>Charlotte-Mecklenburg, NC</td>
<td>360 days</td>
</tr>
<tr>
<td>Aurora, CO</td>
<td>360 days</td>
</tr>
<tr>
<td>Commerce City, CO</td>
<td>360 days</td>
</tr>
<tr>
<td>Los Angeles County, CA</td>
<td>360 days</td>
</tr>
<tr>
<td>Plano, TX</td>
<td>360 days</td>
</tr>
<tr>
<td>Delaware Dept of Homeland Security</td>
<td>360 days</td>
</tr>
<tr>
<td>New Jersey</td>
<td>360 days</td>
</tr>
<tr>
<td>Grapevine, TX</td>
<td>360 days</td>
</tr>
<tr>
<td>Mesquite, TX</td>
<td>360 days</td>
</tr>
<tr>
<td>Tonkawa, NY</td>
<td>360 days</td>
</tr>
</tbody>
</table>

*NOTE: Retention periods generally refer to non-hit data that has not been flagged as part of an investigation or incident. Exact policies vary but usually cover the vast majority of automatic license plate reader data.*
Hotlists

**PREMIER HOTLISTS**

CALIFORNIA DEPARTMENT OF JUSTICE

- **LISTS**
  - CA-DOJ SVS (**STOLEN VEHICLE SYSTEM**)
  - CA-DOJ SFR (**STOLEN FELONY REPORT**)
  - CA-DOJ SLS (**STOLEN LICENSE SYSTEM**)
  - BLUE/SILVER/AMBER ALERTS

- **UPDATED**
  - List updated every 12 hours (0100/1315)
  - Transmitted to agency........

- WHERE DO YOU GET IT FROM???
HOTLIST SOURCES

Custom Hotlists

- Records Systems
- LEADS - Law Enforcement Automated Data System
- Offender Watch
- IPARQ
- Any database that contains a license plate
ACTIVE HIT PROTOCOL

➢ What do you do when you get a hit..
➢ Compare detection to translation
  ➢ Confirm the digits
  ➢ Confirm the State
➢ Conduct Records check on Plate
  ➢ Still in System??
➢ Clues something is wrong..
  ➢ Stolen from out of area
  ➢ Stolen from a long time ago
  ➢ SVS but no NCIC or vice versa
  ➢ NCIC Description not same as hit

CANNOT PULL OVER CAR BASED SOLELY ON LPR HIT!!!!
ACTIVE HIT PROTOCOL

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  - Confirm the digits
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- Clues something is wrong..
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CAN NOT PULL OVER CAR BASED SOLELY ON LPR HIT!!!!!
NOT

PROBABLE

CAUSE
Stolen vehicles
Stolen License Plates
Wanted Vehicles
Parolee
Parolee At Large
Searchable Probation
Warrant – 25k plus
290 Registrants with Probation/Parole restrictions
PRIVATE LPR DATA

- DRN-Digital Recognition Network
- Partner company of Vigilant Solutions
- Over 50 million captures a month
- Shared with Vigilant’s NVLS (LEARN)
- No reciprocal sharing of LE data back to DRN
- Primarily repo trucks and bank asset scouts

DRN Digital Recognition Network
Data that puts your company in the driver’s seat
**Mobile Hit Hunter**

**Unique Features** include the Mobile Hit Hunter, an industry-exclusive that compares data collected in the commercial sector against agency hotlists to send alerts to officers in the field within a 3-mile radius of the vehicle of interest. Designed with input from our customers, other features include a night mode, minimize button, and easy-to-access on-screen keyboard.
Temporary addition of plate - 12 hours

Near misses/ miss reads - don't be that person
Verify vehicle still 10851 - 8 to 12 hour delay

Where to hunt
Dude, where's my car?
Apartment complexes, shopping centers, theaters, schools
Time of year, weather, school's in or out?
DATA SHARED WITH

- Citrus Heights Police Department
- Contra Costa County Sheriff’s Department
- Galt Police Department
- Pittsburg Police Department
- Reno Police Department
- Rocklin Police Department
- Sacramento County Probation Department
- Sacramento County Sheriff’s Department
- Sacramento Police Department
- Woodland Police Department
- Many more
INVESTIGATIVE USES

- Historical uses
  - Both suspect and victims
- Crime series
  - Common Plate Analysis
- Bolo’s
  - Photo of actual vehicle
- Confirm or disprove statements
- Suspect ID
  - With plate (partial or full)
  - Geographical search with description
License Plate Query
GEOGRAPHICAL SEARCH
You are on camera...

Hot List Alert

A 'Hot-Listed' vehicle has been detected by your LEARN database
This information was acquired by Vigilant Video's CarDetector LPR system

Stolen Vehicle - LP # 4TTZ510 / CA

Nearest Address: 2429 East Ball Road
Anaheim, CA 92806

Nearest Intersection: E Ball Rd
S Sunkist St

Disclaimer: The address listed above is ONLY an estimate.

Map the Vehicle Location - Click Here
OPERATION “TRICK OR TREAT”

- 2 Operations ran at once
  - Stolen Vehicle recoveries-private data
  - DUI Warrant service-private data
- October 30th, 2013
- Participants
  - 5 Law Enforcement
  - 1 Private
- 30 LPR units
  - 27 Law Enforcement
  - 2 Private
- 50 Officers
- 2 Tactical Dispatchers
OPERATION “TRICK OR TREAT”

- 6 hour Operation
- 70,000 Detections
- 444 Hits
- 30 Cars recovered
  - 6 Occupied
- 10 DUI Warrant Arrests
- 8 Warrant Arrests
- FREE PIZZA LUNCH!
NOT PROBABLE CAUSE
QUESTIONS