Flock Safety Presentation

Nevada County Sheriff's Office
Captain Sam Brown

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Our Goal

Increase Public Safety for the Whole Community

Flock’s Mission

- Eliminate Crime
- Ethical Service
- Limited Data Retention
- Provide Objective Evidence

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Why Flock Safety?

What we observe:
the current reality

- Deputies cannot be everywhere all the time
- Nevada County Spans 957 square miles
- Meeting community expectations of their Sheriff's Office

What we believe:
the op portunit y

- Technology multiples the force
- Capture and distribute objective evidence to the right user
- Engage community to support and grow

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How does the tech work?

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When you get Flock you get:

objective, real -time and investigative leads

- Vehicle Fingerprint ™= license plate plus
- **Indiscriminate evidence** from fixed locations
- No people, no facial recognition, no traffic enforcement

Plate
TX LGS2639

Last Visit
3:15 PM EDT

Make
Toyota

Seen
3 OF 30 DAYS

Color
Gray

What is this tech?

- License plate recognition
- Gathers objective evidence and facts about vehicles, not people
- Alerts police of wanted vehicles
- Used to solve crime
- Adheres to all state laws

What ISN'T this tech?

- Not facial recognition
- **Not tied to Personal Identifiable Information**
- Not used for traffic enforcement
- **Data not stored beyond 30 days → *automatically deletes every 30 days***

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Mitigating risk

Ethics - Driven Innovation

Protecting Privacy

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- **Footage is owned by Nevada County Sheriff's Office and will never be sold or shared by Flock**
- 30 day data retention, then deleted
- Short retention period ensures that all data not associated with a crime is automatically deleted &unrecoverable
- **Takes human bias out of crime - solving by detecting objective data, and detecting events that are objectively illegal (ex. Stolen vehicles)**

- **All data is stored securely in the AWS Government Cloud, and end to end AES - 256 encryption of all data**
- Search reason is required for audit trail
- NOT facial recognition software
- NOT predictive policing
- **NO Personal Identifiable Information is contained in Flock**
- NOT used for traffic enforcement
- Not connected to registration data or 3rd party databases (Carfax, DMV)
- Transparency Portal (optional)

Transparency + Insights

Measure ROI and promote the ethical use of public safety technology

Transparency Portal

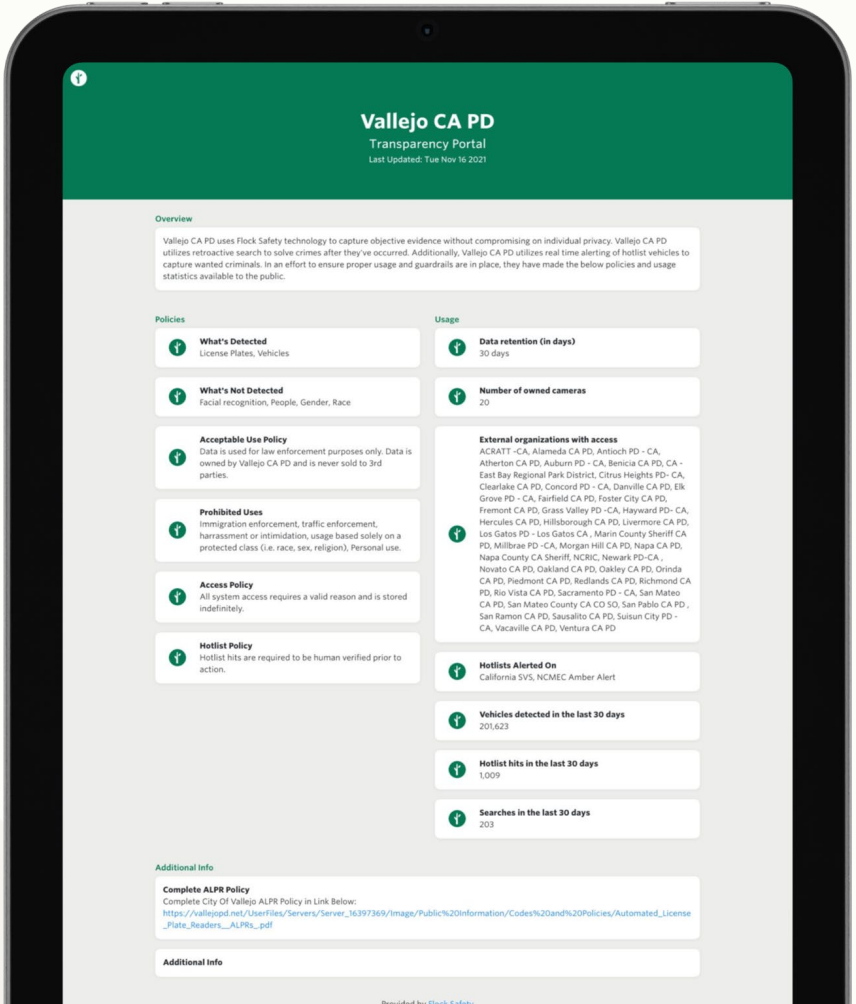
- Customizable for each agency
- Display technology policies
- Publish usage metrics
- Share downloadable Search audits

Insights Dashboard

- Measure crime patterns and ROI
- Audit Search history

Examples

- Click here for Morgan Hill PD
- Click here for Vallejo PD



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Policy

Sound Policy Creates Strong Community Trust

ALPR Policy – Lexipol 429

Policy 429

Nevada County Sheriff's Office
Policy Manual

Automated License Plate Readers (ALPRs)

429.1 PURPOSE AND SCOPE
The purpose of this policy is to provide guidance for the capture, storage and use of digital data obtained through the use of Automated License Plate Reader (ALPR) technology.

429.1 POLICY
The policy of the Nevada County Sheriff's Office is to utilize ALPR technology to capture and store digital license plate data and images while recognizing the established privacy rights of the public.

All data and images gathered by the ALPR are for the official use of this office. Because such data may contain confidential information, it is not open to public review.

429.4 DEFINITIONS

(a) **Automated License Plate Reader (ALPR):** A device that uses cameras and computer technology to compare digital images to lists of known information of interest.

(b) **ALPR Operator:** Trained Office members who may utilize ALPR system/equipment. ALPR operators may be assigned to any position within the Office, and the ALPR Administrator may order the deployment of the ALPR systems for use in various efforts.

(c) **ALPR Administrator:** The Administration Division Commander or their designee, serves as the ALPR Administrator of the Office.

(d) **Hot List:** A list of license plates associated with vehicles of interest compiled from one or more databases including, but not limited to, NCIC, CA DMV, local BOLO's, etc.

(e) **Vehicles of Interest:** Including, but not limited to vehicles which are reported as stolen; display stolen license plates or tags; vehicles linked to missing and/or wanted persons and vehicles flagged by the Department of Motor Vehicle Administration or law enforcement agencies.

(f) **Detection:** Data obtained by an ALPR of an image (such as a license plate) within public view that was read by the device, including potential images (such as the plate and description of vehicle on which it was displayed), and information regarding the location of the ALPR system at the time of the ALPR's read.

(g) **Hit:** Alert from the ALPR system that a scanned license plate number may be in the National Crime Information Center (NCIC) or other law enforcement database for a specific reason including, but not limited to, being related to a stolen car, wanted person, domestic violence protective order or terrorist-related activity.

429.5 ADMINISTRATION
The ALPR technology, also known as License Plate Recognition (LPR), allows for the automated detection of license plates along with the vehicle make, model, color and unique identifiers through the Nevada County Sheriff's Office's ALPR system and the vendor's vehicle identification

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Definitions / Applicable Authorities

Administration / Operations

Training

Data Collection / Retention

Accountability / Safeguards / Audits

Pilot Program

- **Duration:** 1 Year Pilot Program
- **Number of Cameras:** 25 Cameras
- **Approximate Project Cost:** $78,750
  - Approximately annual cost $66,000 assuming no additional cameras are added
  - Covered by Special Revenue Fund
    - Law Enforcement Services Fund (COPS)

Staff Recommendation

Adopt Resolution 23-0583 authorizing execution of a contract with Flock Group Inc. for software services and access to Flock hardware that will provide capabilities for searching through data for the purpose of law enforcement investigations in the amount of $78,750 and approve the related budget amendment.

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Thank You