

Automated License Plate Recognition Cameras (ALPR)

Flock Safety

**How does the technology
work?**





- Solar powered cameras installed throughout the city.
- As a vehicle passes a camera, a photo is captured of the rear of the vehicle to include the license plate.
- The system ONLY reads the license plate, color and make of the vehicle.
- If a vehicle license plate has been entered into NCIC/NCMEC, or a hot list, an alert is sent to officers.

Flock Safety will provide the Albany Police Department with indiscriminate evidence from fixed locations. They provide all of the maintenance so that APD can focus on keeping Albany safe and prosperous.



INFRASTRUCTURE-FREE

Reduce time to value and utility costs with full-service deployment.



24/7 COVERAGE

Capture objective vehicle data around the clock to multiply your force.



REAL-TIME ALERTS

- NCIC
- NCMEC (Amber Alert)
- Custom Hot Lists



PRIVACY MATTERS

- No facial recognition
- No traffic enforcement
- Indiscriminate evidence

CAN ALPR DEVICES SEE INTO MY VEHICLE?

Unlike red light cameras, ALPR devices do not have illumination to aid in identifying the driver of the vehicle. The purpose of the ALPR is to identify the vehicle, not the occupants. In addition, images are only taken of the rear of the vehicle.



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What this IS

- 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 this is NOT

- 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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Protecting Privacy

- Footage owned by the Albany Police Department and will never be sold or shared by Flock
- 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 Cloud, and end to end encryption of all data

- NOT facial recognition software
- NOT predictive policing
- NO PII is contained in Flock
- **NOT used for traffic enforcement**
- Not connected to registration data or 3rd party databases (Carfax, DMV)
- Search reason is required for audit trail
- Transparency Portal

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Transparency + Insights

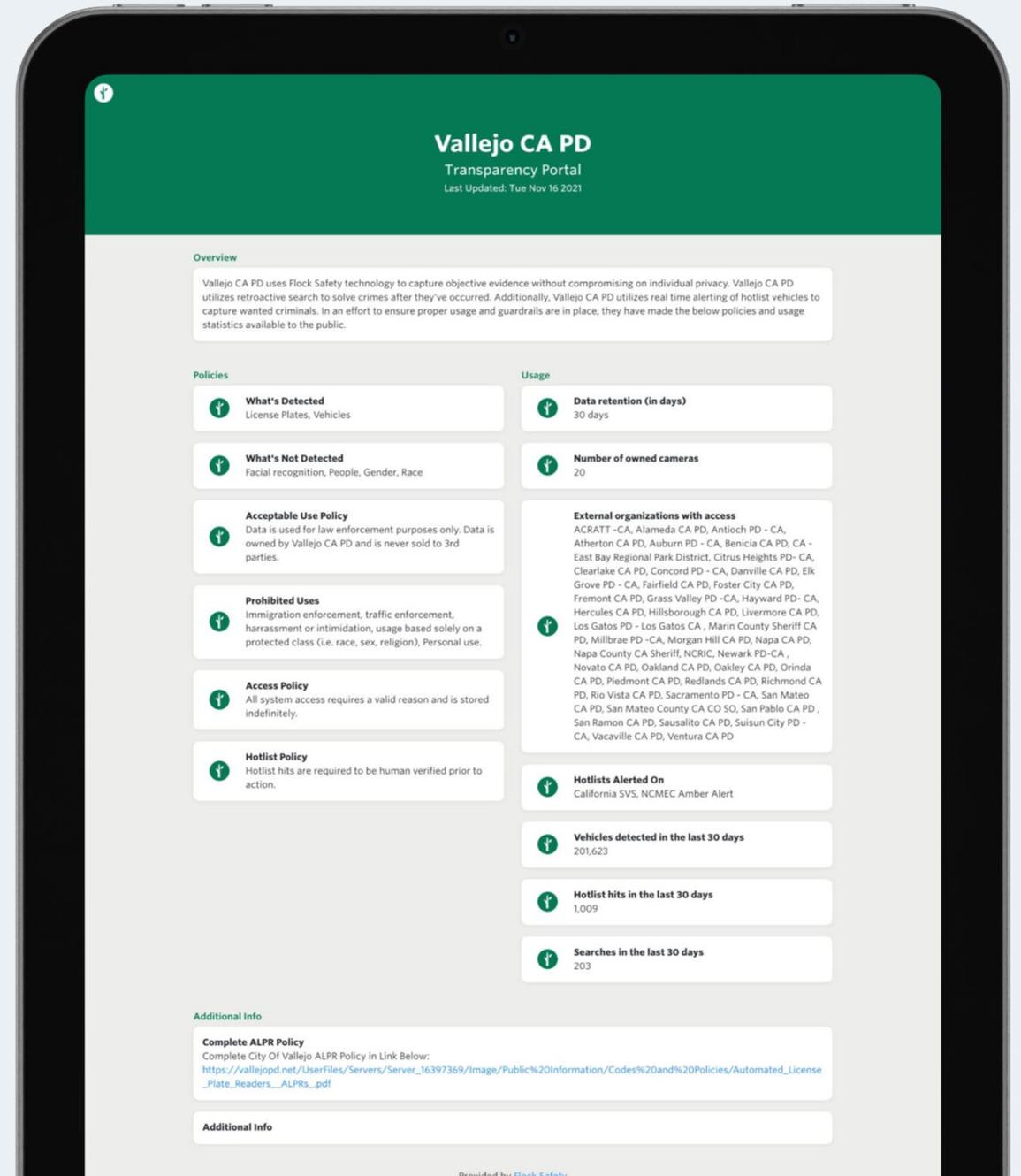
Measure ROI and promote the ethical use of public safety technology

Transparency Portal

- Customizable for our agency
- Publish usage metrics
- Share downloadable Search audits

Insights Dashboard

- Measure crime patterns and ROI
- Audit Search history
- Hotlist hits in the last 30 days
- Vehicles detected in the last 30 days
- Searches in the last 30 days



What accountability features do FLOCK Safety devices have that enable audits and oversight?

Law enforcement agencies must enter reason codes or case/incidents numbers to verify the legitimacy of the search and create an audit trail

Authorized users participate in training to properly use the system

Law Enforcement commits not to use the data collected to work with third-party companies (traffic enforcement, revenue collectors or tow companies)

No facial recognition

No PII is captured

No information provided solely for immigration enforcement purposes

Common challenges of investigating crime

- Lack of Evidence (DNA, fingerprints, videos, etc.)
- Time consuming
- Limited staff (resources)

How does this technology prevent and eliminate crime?

- **Proactive:** Real time alerts (via MDC/Desktops, text message, Flock cellphone app or email) when stolen or wanted vehicles enter Albany
- **Investigative:** This investigative tool can assist with increasing our clearance rates, and can ultimately assist in decreasing our crime rates.
- Flock cameras serve as a **deterrent**

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Flock Safety In the Bay+ NorCal

Plus, many more
commercial and
private customers

San Jose PD

Vallejo PD

Alameda County SO

Alameda PD

Elk Grove PD

Vacaville PD

Eastvale PD

El Monte PD

Concord PD

San Mateo County SO

Oroville PD

Oakland PD

Morgan Hill PD

Tracy CA PD

Fairfield PD

Benicia PD

Placer County SO

El Cerrito PD

City of Salinas

City of Los Altos Hills

Los Altos PD

Berkeley PD

San Leandro PD

Emeryville PD

Piedmont PD

Gilroy PD

San Ramon PD

San Joaquin County SO

Yuba County SO

Seaside PD

Rocklin PD

Richmond PD

Fresno PD

Livermore PD

Pleasanton PD

Dublin PD

Union City PD

Fremont PD

Milpitas PD

Danville PD

Atherton PD

Hayward PD

South San Francisco PD

Carmel By The Sea PD

San Mateo PD

Lake County SO

Nevada County SO

The Presidio Trust

Kensington*

*Recently approved

Flock Safety In California

Plus, many more commercial and private customers

City of La Quinta
Riverside County SO
City of Moreno Valley
Santa Maria PD
San Jose PD
Vallejo PD
El Centro PD
Alameda County SO
City of Palm Desert
City of Rancho Mirage
City of La Puente
Elk Grove PD
Vacaville PD
Chino PD
City of Eastvale
Ontario PD
El Monte PD
Concord PD
San Mateo County SO
Corona PD
Oroville PD
Bakersfield PD
City of San Jacinto

City of Lake Forest
City of Temecula
Culver City PD
Morgan Hill PD
Alhambra PD
City of Lancaster
Tracy CA PD
Hemet PD
City of Fairfield
Benicia PD
Redlands PD
San Leandro PD
Placer County SO
Beverly Hills PD
City of San Clemente, CA
El Cerrito PD
City of Salinas
City of Yorba Linda
El Cajon PD
City of Los Altos Hills
Riverside PD
Montclair PD
City of Stanton

City of La Canada Flintridge
Piedmont PD
Gilroy PD
City of West Hollywood
Lompoc PD
City of San Ramon
San Joaquin County SO
Yuba County Sheriff's Office
Seaside PD
Colton PD (OMNIA) Insight
Direct USA
City of Pico Rivera
San Marino PD
Alameda PD
City of Norco
Rocklin PD
Ventura County SO
Richmond PD
Glendora PD
Baldwin Park PD
Costa Mesa PD
Fresno PD

Milpitas PD
Town of Danville
City of Santa Fe Springs
West Covina PD
Atherton PD
City of Menifee
Hayward PD
Barstow PD
City of Dana Point
South San Francisco PD
Carmel By The Sea PD
San Mateo PD
Lake County Sheriff's Office
Nevada County SO
Azusa PD
Desert Hot Springs PD
The Presidio Trust

Case Study - Mail Fraud & Identity Theft

📍 Hillsborough PD – Hillsborough, CA

- Hillsborough Officers received an alert from the Flock LPR system regarding a stolen vehicle reported by Daly City Police.
- Officers conducted a traffic stop and found stolen mail from throughout Hillsborough inside the vehicle, as well as items consistent with identity theft and stolen property.
- One suspect was currently on parole and another had a lengthy criminal history.
- Police say this apprehension could have prevented up to 60 individuals from becoming victims of ID theft/fraud.



Case Study - Package and Mail Theft

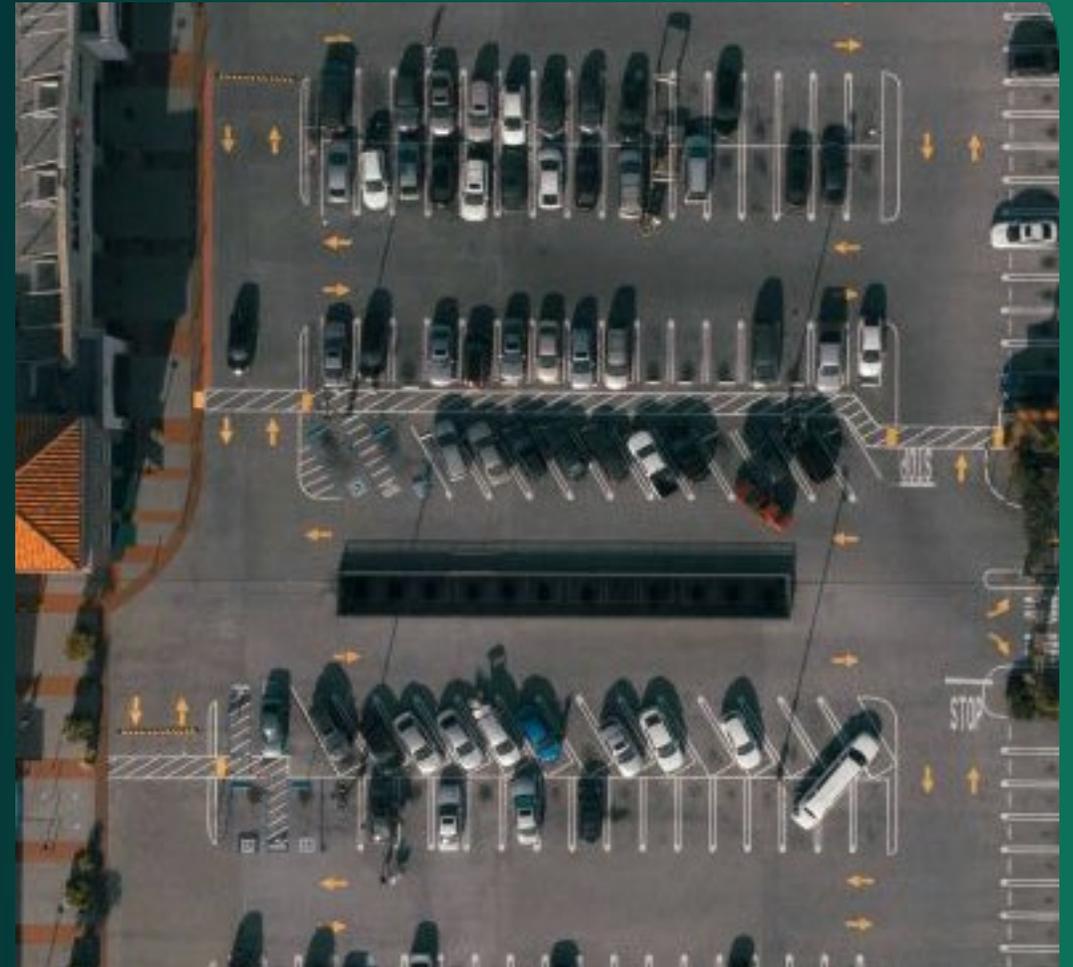
 Atherton Police Department

- 11/15/23 - Atherton Police Department's Flock Safety License Plate Reading (LPR) cameras have contributed to a reported 90% decrease in package and mail theft.
- Additionally, officers have used the tech to make multiple arrests, including a suspect accused of robbing a man of his watch at his residence on Marsh Road.



Case Study - Carjacking

-  Palo Alto Police Department
- On August 14, 2023, Berkeley officers responded to a report of a carjacking. The next day, Palo Alto officers received an alert from their new Flock Safety LPRs that the vehicle had been detected in the area. Undercover officers responded and located the vehicle in a nearby parking lot.
- As marked police cars entered the area, the suspects attempted to flee. Officers took seven suspects into custody. A search of the stolen vehicle yielded a stolen handgun with a high-capacity magazine. Berkeley PD arrested three suspects, and Palo Alto PD arrested two. All are charged with multiple crimes.



Case Study: Serial Burglar



San Ramon PD - San Ramon, CA

- Officers received a Flock alert on a vehicle believed to be associated with burglaries in the area
- When the vehicle was located, officers found **1.5 ounces of meth, stolen property and burglary tools in the vehicle**

Before Flock

6 Stolen Vehicle
Recoveries in 8 Mo.

After Flock

21 Stolen Vehicle
Recoveries in 8 Mo.



3x Better Results

Case Study - Sexual Battery in Albany

APD were dispatched to the report of a sexual battery



A witness had video of the suspect vehicle and supplied it to the police.



Use of the FLOCK system captured the exact vehicle traveling through El Cerrito.



APD officers were able to get a license plate from the vehicle and developed a suspect who was later positively identified by the victim.

Case Study – Robbery in Albany

Officers recently responded to a robbery that occurred.

Officers were able to get a description of the vehicle from CCTV footage, but no license plate.

Utilizing FLOCK, we were able to get a license plate; however, it was a stolen vehicle.

Had FLOCK been in place, ideally, we would have been alerted when the vehicle passed a camera as it entered our city, prior to the robbery, and we would have been able to send resources to locate the vehicle and potentially deter the crime.

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Case Study - Long Term Results

Vacaville PD - Vacaville, CA

“Word has gotten out about these ALPR programs, and folks that are in the business of stealing cars will typically do a little bit of research and find out that a city that has an ALPR program they then want to avoid”

- Chief Ian Schmutzler

33%

Decrease in Reported Vehicle Thefts

35%

Increase in Arrests related to Vehicle Thefts

2X

Requested increase in # of cameras

Less Vehicle Thefts are happening in Vacaville, and more of them are getting solved

CASE STUDY *Long Term Results*



San Marino PD



San Marino, CA

70%

Decrease in residential burglaries

19%

Decrease in part 1 crimes

36%

Requested increase in # of cameras

Police Chief and City Council Attribute Crime Decrease to More Cases Cleared With LPR Cameras

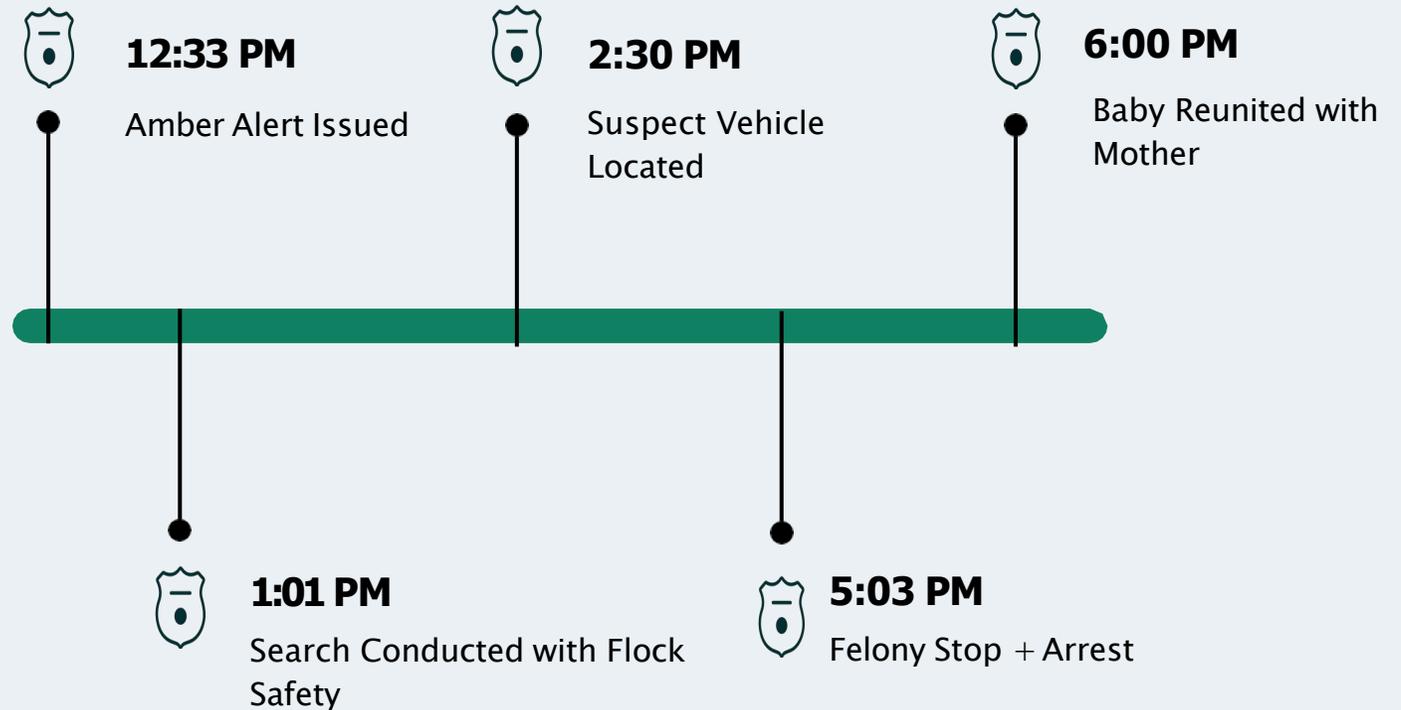
As the number of cleared cases increases, crime correspondingly decreases.

When Every Second Matters: Child Abduction

📍 Chamblee PD – Chamblee, GA



Stranger on Stranger Abduction
August 28, 2020



COMMUNITY OUTREACH EFFORTS



- Coffee with a Cop to Learn about Flock was scheduled for April 16, 2024.
- Community Notifications were sent out via email on April 12 to 619 subscribers. It was also added to the City Calendar.
- Albany Chamber of Commerce emailed to their members about the Coffee with a Cop event on April 16.
- Presentation given at the Policing Commission at their meeting on April 18.



Albany Police Department Community Notification

Coffee with a Cop and learn about FLOCK, April 16

Date: Tuesday, April 16, 2024

Time: 7-8 AM

Location: Albany Community Center (1249 Marin Avenue)

The Albany Police Department invites Albany community members to come and discuss the City's interest in installing Automated License Plate Readers (ALPRs) at our Coffee with a Cop event on Tuesday, April 16th from 7-8 AM at the Albany Community Center, 1249 Marin Avenue. The cameras will only capture computer-readable images of license plates and vehicles, allowing officers to compare plate numbers and vehicles against those of stolen cars, vehicles associated to crimes, missing persons, or other criminal activity.

Note: These cameras are not facial recognition devices as they do not take photos of the occupants, nor are they tied to collecting personally identifiable information.

This is an opportunity for you to meet with your neighborhood police officers, ask questions and provide feedback in a casual, one-on-one setting.

The Albany Police Department would like to remind Albany residents that information about crime and other police activity can be found on the Albany Crime Graphics portal at albany.crimegraphics.com. For questions, comments, or assistance with this site, please email albanypolice@albanvca.org.

ALBANY POLICE DEPARTMENT • 1000 San Pablo Ave. Albany, CA 94706 • 1+(510) 525-7300 Emergencies: 911



License Plate Readers for Albany? Coffee with a Cop: Learn about FLOCK TOMORROW, 4/16, 7am - 8am

The Albany Police Department is proposing having automated [FLOCK License Plate Readers](#) installed at key locations throughout the city. This will allow them to better track vehicles that may be involved in crime, identify stolen cars, and cooperate with other local departments (all of which already have license plate readers).

They'd love to hear your input on their plan, and a great way to provide that would be to attend [Coffee with a Cop TOMORROW, from 7am to 8am at the Albany Community Center](#). This free event will provide coffee as well as an opportunity to meet with uniformed officers and others so that you can have your questions answered and provide feedback.

If you can't make that event, you are encouraged to contact the Police Department directly with your input or questions. Call them at (510) 525-7300, or use [the contact form on their website](#)

Coffee with a Cop
Tuesday, April 16
7am - 8am
Albany Community Center
1249 Marin Avenue (at Masonic)
Albany



Questions?