

# Campbell Police Department

## ✦ Flock Safety

Automated License Plate Reader (ALPR)



# Agenda

Discuss Stationary ALPRs

Privacy Information

Community Benefits of ALPRs

Community Feedback

**WEAPONS  
CRIMES  
161%**



**AGGRAVATED  
ASSAULTS  
97%**



**AUTO  
THEFT  
31%**



**THEFT  
39%**



**ROBBERY  
82%**

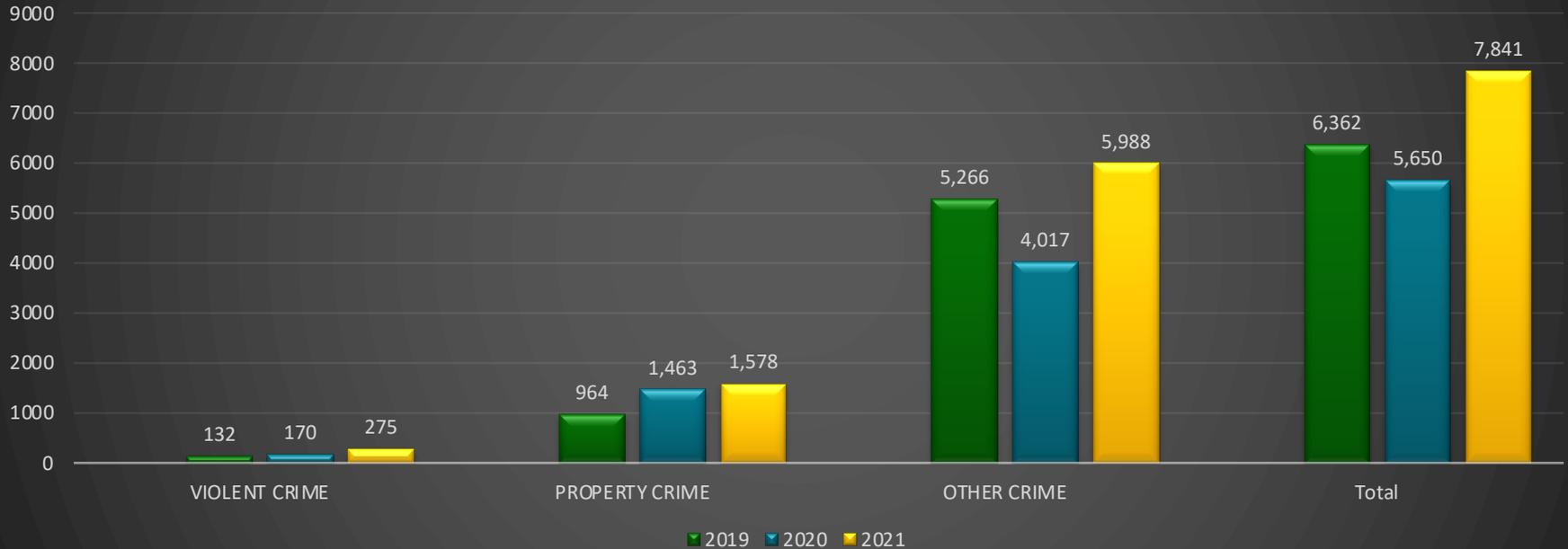


**BURGLARY  
26%**



# 2019-2021 Crime Statistics

## Annual Activiy Chart -- All



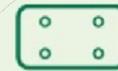
# How does this technology prevent & eliminate crime?

- Proactive: Real Time Alerts when Stolen or Wanted Vehicles enter your City
- Investigative: As clearance rates increase, crime rates decrease
- Flock cameras act as a deterrent

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Real-time alerts to PD  
Gathers objective and  
unbiased facts about  
vehicles.

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**Plate**  
TX LGS2639



**Last Visit**  
3:15 PM EDT



**Make**  
Toyota



**Seen**  
3 OF 30 DAYS



**Color**  
Gray

## Ethics-Driven Innovation

# Protecting Privacy

- Footage owned by Campbell PD
- Never sold or shared
- 30 day retention period
- Short retention period ensures that all data not associated with a crime is automatically deleted & unrecoverable
- Cameras detect unbiased and objective data
- Search reason is required for audit trail
- NOT facial recognition software
- NOT used for immigration enforcement
- NOT used for traffic enforcement
- End to End Encryption of all Data
- No live video

# Community Benefits for Flock

- Amber Alerts/Missing People
- Criminal Warrants
- Persons of Interest
- Auto Theft
- Criminal Investigations
- Modern Technology has reduced ALPR systems costs

## Vallejo CA PD

Transparency Portal

Last Updated: Tue Nov 16 2021

### Overview

Vallejo CA PD uses Flock Safety technology to capture objective evidence without compromising on individual privacy. Vallejo CA PD utilizes retroactive search to solve crimes after they've occurred. Additionally, Vallejo CA PD utilizes real time alerting of hotlist vehicles to capture wanted criminals. In an effort to ensure proper usage and guardrails are in place, they have made the below policies and usage statistics available to the public.

### Policies



#### What's Detected

License Plates, Vehicles



#### What's Not Detected

Facial recognition, People, Gender, Race



#### Acceptable Use Policy

Data is used for law enforcement purposes only. Data is owned by Vallejo CA PD and is never sold to 3rd parties.



#### Prohibited Uses

Immigration enforcement, traffic enforcement, harassment or intimidation, usage based solely on a protected class (i.e. race, sex, religion), Personal use.



#### Access Policy

All system access requires a valid reason and is stored indefinitely.



#### Hotlist Policy

Hotlist hits are required to be human verified prior to action.

### Usage



#### Data retention (in days)

30 days



#### Number of owned cameras

20



#### External organizations with access

ACRATT - CA, Alameda CA PD, Antioch PD - CA, Atherton CA PD, Auburn PD - CA, Benicia CA PD, CA - East Bay Regional Park District, Citrus Heights PD - CA, Clearlake CA PD, Concord PD - CA, Danville CA PD, Elk Grove PD - CA, Fairfield CA PD, Foster City CA PD, Fremont CA PD, Grass Valley PD - CA, Hayward PD - CA, Hercules CA PD, Hillsborough CA PD, Livermore CA PD, Los Gatos PD - Los Gatos CA - Marin County Sheriff CA PD, Millbrae PD - CA, Morgan Hill CA PD, Napa CA PD, Napa County CA Sheriff, NCRIC, Newark PD - CA, Novato CA PD, Oakland CA PD, Oakley CA PD, Orinda CA PD, Piedmont CA PD, Redlands CA PD, Richmond CA PD, Rio Vista CA PD, Sacramento PD - CA, San Mateo CA PD, San Mateo County CA CO SO, San Pablo CA PD, San Ramon CA PD, Sausalito CA PD, Suisun City PD - CA, Vacaville CA PD, Ventura CA PD



#### Hotlists Alerted On

California SVS, NCMC Amber Alert



#### Vehicles detected in the last 30 days

201,623



#### Hotlist hits in the last 30 days

1,009



#### Searches in the last 30 days

203

### Additional Info

#### Complete ALPR Policy

Complete City Of Vallejo ALPR Policy in Link Below:

[https://vallejo.net/UserFiles/Servers/Server\\_16397369/Image/Public%20Information/Codes%20and%20Policies/Automated\\_License\\_Plate\\_Readers\\_ALPRs.pdf](https://vallejo.net/UserFiles/Servers/Server_16397369/Image/Public%20Information/Codes%20and%20Policies/Automated_License_Plate_Readers_ALPRs.pdf)

#### Additional Info

# 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](#)

# How Effective is Flock ALPR?



## CASE STUDY Immediate ROI

📍 Morgan Hill PD 📍 Morgan Hill, CA

- 2.5 Month Update: 51 Stolen Vehicles Recovered and 66 Arrests Made
- In the First Two Weeks they recovered 9 stolen vehicles, and made even more arrests
- The occupants had shaved ignition keys, burglary tools, catalytic converters, warrants
- Every suspect was from outside of Morgan Hill
- Without Flock it would take 8 MONTHS to achieve similar results
- Locating these vehicles prevented the crimes that they came to Morgan Hill to commit



16X Better  
Results

## CASE STUDY Nov. 4 Incidents

🛡️ Los Gatos PD 📍 Los Gatos, CA

- CHP advised LGPD of a vehicle involved in a hit and run in San Jose.
  - Flock captured vehicle entering LG.
  - Vehicle was located and suspect was arrested.
- 
- Flock alerted patrol that a stolen vehicle entered LG.
  - Stolen vehicle was located with another vehicle as suspects tried to steal a 3<sup>rd</sup> vehicle.



## CASE STUDY Nov. 11 Mail Theft

Los Gatos PD    Los Gatos, CA

- A vehicle was identified in a resident's surveillance camera from a previous mail theft.
- Vehicle was entered into Flock's hotlist.
- 24hrs later, Flock alerted patrol that the vehicle had entered LG.
- Officers located & arrested two suspects.
- Recovered mail stolen from previous day & burglary tools.
- Vehicle was determined to be an unreported stolen vehicle.



## CASE STUDY Nov. 12 Catalytic Converter

Los Gatos PD    Los Gatos, CA

- Dispatch received alert from Livermore PD of a vehicle involved in a catalytic converter theft
- Patrol checked the Flock system & identified the vehicle entering LG
- Officers located the vehicle & arrested the driver for possession of burglary tools & warrant for similar crimes.



## CASE STUDY Immediate ROI

Fairfield PD

Fairfield, CA

- Solution Installed 7/2021 this is just a sample of the first 3 weeks worth of results:
- Flock hit on an armed and dangerous homicide vehicle. The vehicle was located, two suspects arrested for murder and a handgun recovered
- Vehicle vs bicycle hit and run suspect identified and arrested
- TWO attempted murder suspects located using Flock and taken into custody without incident
- Suspect impersonating a police officer. Victim took blurry photo but couldn't get license plate. License plate identified by nearby Flock Camera



## CASE STUDY Locating Stolen Vehicle Stops More Serious Crimes

 San Ramon PD  San Ramon, CA

Info

External



Inbox x



Go... 7:17 AM (2 hours ago)



to Graham, me

Within hours of getting our downed cameras up and running, we were alerted to a stolen vehicle (2021 minivan) near a freeway off ramp to one of the entry points into our city. The plate was read by one of the cameras that had just been replaced.

Our officers located the stolen vehicle, as the driver appeared to be casing a local hotel parking lot.

The subject was arrested and determined to have a lengthy criminal history.

The officers located a fully loaded Glock 22 handgun under the driver's seat. The driver was on probation for weapons related convictions.

Glad we got these up and running again. Who knows what crimes the suspect would have committed had the vehicle not been identified and located in such a short period of time.

Thanks,





## CASE STUDY Stolen Vehicle Leads to Guns Off the Streets



### Benicia Police Department

November 16 at 11:52 AM · 🌐

Last night our officers arrested a man driving a stolen vehicle with 11 firearms and burglary tools in tow.

At about 8:40 p.m., our officers received an Automated License Plate Reader notification of a stolen vehicle traveling in Benicia. The vehicle was reported stolen in Fairfield. The officers spotted the car on East 5th Street and quickly detained the driver. Inside the car, officers found the firearms and burglary tools, and determined that the driver was not legally allowed to own or possess firearms.

He was arrested and booked into Solano County jail and the car was returned to its rightful owner.

More information on the arrest can be found on the "Arrests" tab here <https://benicia.crimegraphics.com/2013/default.aspx>.

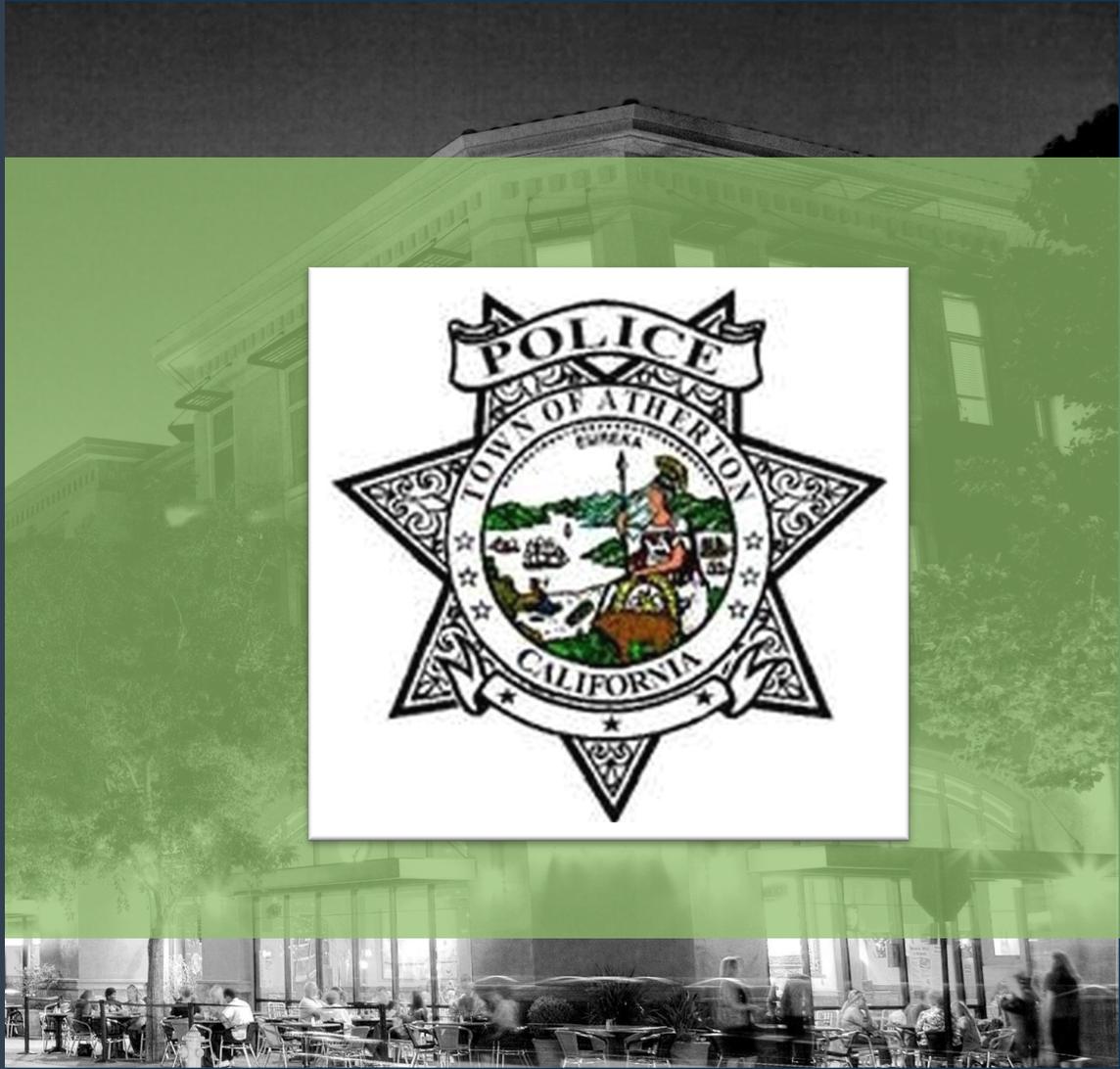


CASE STUDY Attempted Robbery &  
Attempted Homicide

🛡️ Atherton PD 📍 Atherton, CA

Since the deployment of the Flock cameras, Atherton officers have recovered several stolen vehicles, arrested a suspect wanted in a felony hit-and-run collision, recovered a car wanted in connection with a serious violent felony, and have arrested several wanted and dangerous felons, police said in the news bulletin.

-The Almanac Feb 26th, 2021





**Benicia Police Department**  
September 27 · 🌐

On Saturday our detectives arrested an armed robbery suspect who had victimized one of our local convenience stores.

The suspect robbed a store clerk on Military East at gun point last week and left with an undisclosed amount of cash and several cartons of cigarettes. Fortunately the clerk was uninjured in the robbery. Utilizing a combination of great detective work and contemporary technology, we were able to identify the suspect vehicle, and eventually the suspect. During the course of the investigation, our officers also determined that the vehicle owner had a warrant for his arrest for a burglary. All suspects were arrested without incident and subsequently booked into jail. More information on the arrests can be found here in the "Arrests" tab: <https://benicia.crimegraphics.com/2013/default.aspx>

The suspect vehicle was identified utilizing the newly installed Automated License Plate Readers in the city. Since their installation in the beginning of September, the cameras have assisted us to keep this community safe, which includes the recovery of five stolen vehicles, resulting in three arrests; an arrest of a drive-by shooting suspect in another jurisdiction; and most recently the arrest of the armed robbery suspect.

For more information on this technology and how it's being used in Benicia, visit <https://transparency.flocksafety.com/benicia-ca-pd>. See less

👍❤️ 852    159 Comments 34 Shares  
👍 Like    💬 Comment    ➦ Share

## CASE STUDY Home Invasion

🛡️ San Mateo PD 📍 San Mateo, CA

- 9 p.m. on Oct. 2 three people kick in the door of an elderly woman's home
- The woman was held at gunpoint and robbed of jewelry and valuables
- The perpetrators fled the scene and drove past a Flock LPR camera
- Officers were able to investigate using LPR data and ultimately identify the suspects
- Without LPR they wouldn't have had a lead to investigate



CASE STUDY: *Long Term Crime Reduction*

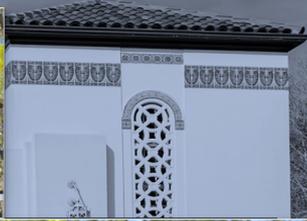
📍 Gwinnett County Police District Central Precinct

**“2021 is the first time in six years that they have had under 1,000 entering autos.”**

## Central Crime Statistics Comparisons 2020 to 2021

Crime Type	2020	2021	Difference	+/- Percentage
Homicide:	17	10	-7	-41%
Robbery:	135	109	-26	-19%
Aggravated Assault:	259	229	-30	-12%
Aggravated Battery	26	16	-10	-38%
Residential Burglary:	226	204	-22	-10%
Commercial Burglary	190	120	-70	-37%
Entering Autos:	1097	947	-150	-14%
Motor Vehicle Theft:	375	345	-30	-8%



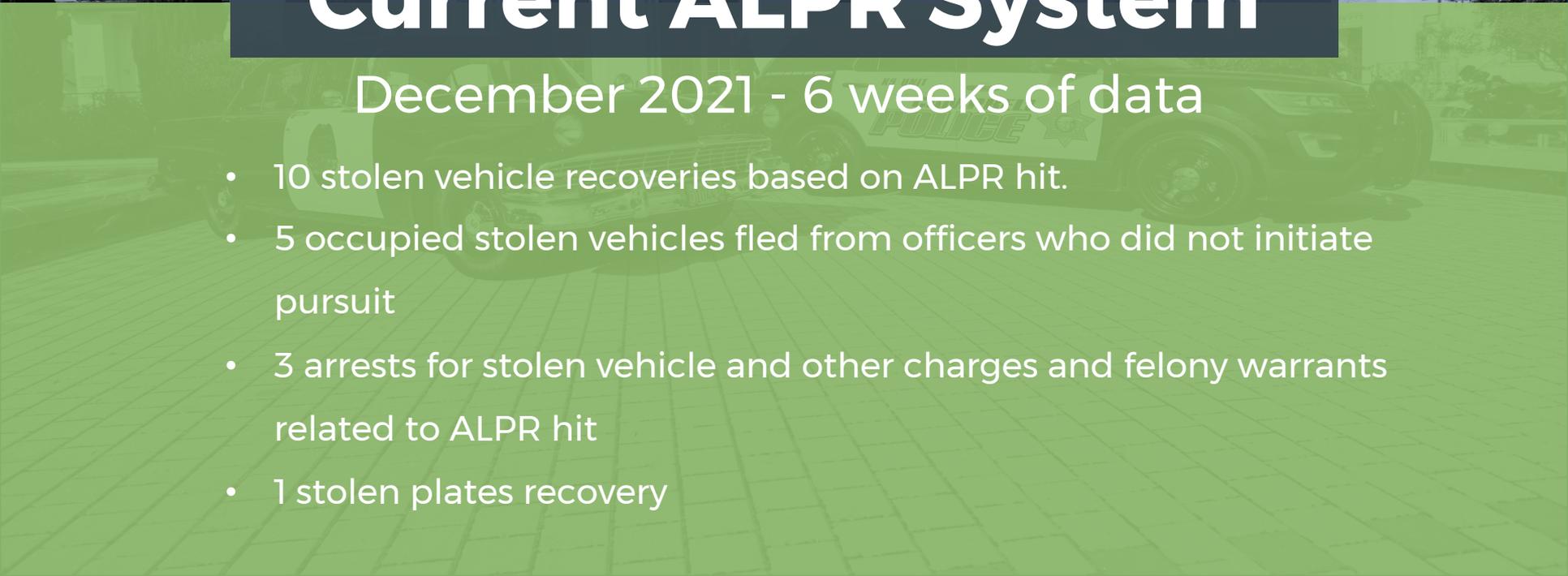


# Current ALPR System



# Current ALPR System

December 2021 - 6 weeks of data

- 10 stolen vehicle recoveries based on ALPR hit.
  - 5 occupied stolen vehicles fled from officers who did not initiate pursuit
  - 3 arrests for stolen vehicle and other charges and felony warrants related to ALPR hit
  - 1 stolen plates recovery
- 

# Questions?

