



flock safety



What is Flock Safety?

Leased ALPR cameras for Law Enforcement Automated License Plate Reader (ALPR)

- 38 States
- 1500+ Cities
- 500+ Police Departments

Police Departments:

- Watsonville PD
- Milpitas PD
- Santa Clara PD
- San Jose PD
- Gilroy PD, Morgan Hill PD
- Salinas PD
- Santa Clara PD
- Alameda County SO
- Santa Clara
- Foster City



The Current Reality

Staffing remains a challenge

Technology is the future

Trust and transparency are vital

The Opportunity

Technology is a force multiplier

Capture and distribute objective evidence to the right user. BADGES

Engage community to support and grow

*How does
ALPR
technology
benefit your
jurisdiction?*

- Enhance public safety for the community by having cameras act as a deterrent
- Assist Patrol and Investigations Unit with solving crimes efficiently (i.e. burglary, homicide/shooting, hit-and-run, missing person)
- Real time alerts for vehicles of interest and stolen vehicles

RECEIVE REAL TIME ALERTS TO DISPATCH, PATROL VEHICLES, AND CELL PHONES

AMBER ALERTS, SILVER ALERTS,
MISSING PERSONS AT RISK, ETC....

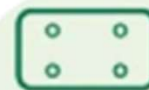
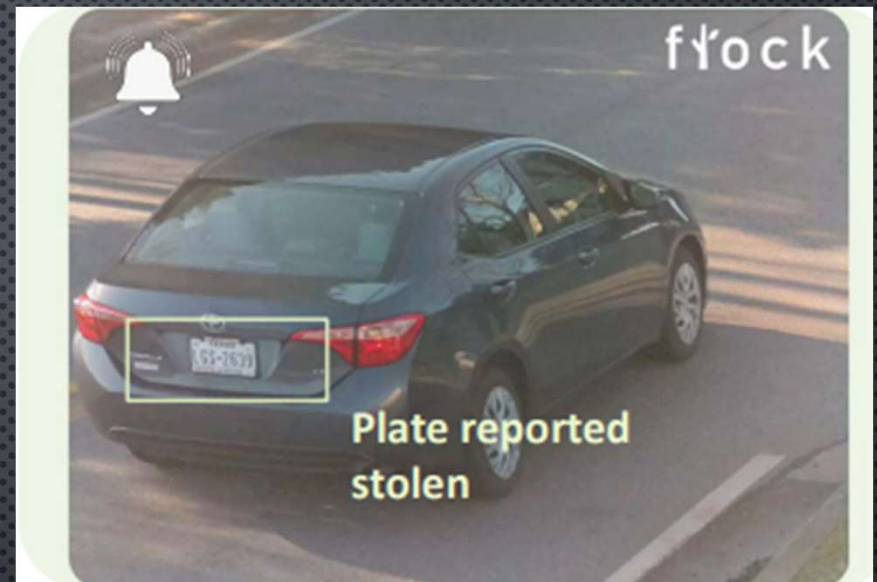


Plate
TX LGS2639



Last Visit
3:15 PM EDT



Make
Toyota



Seen
3 OF 30 DAYS



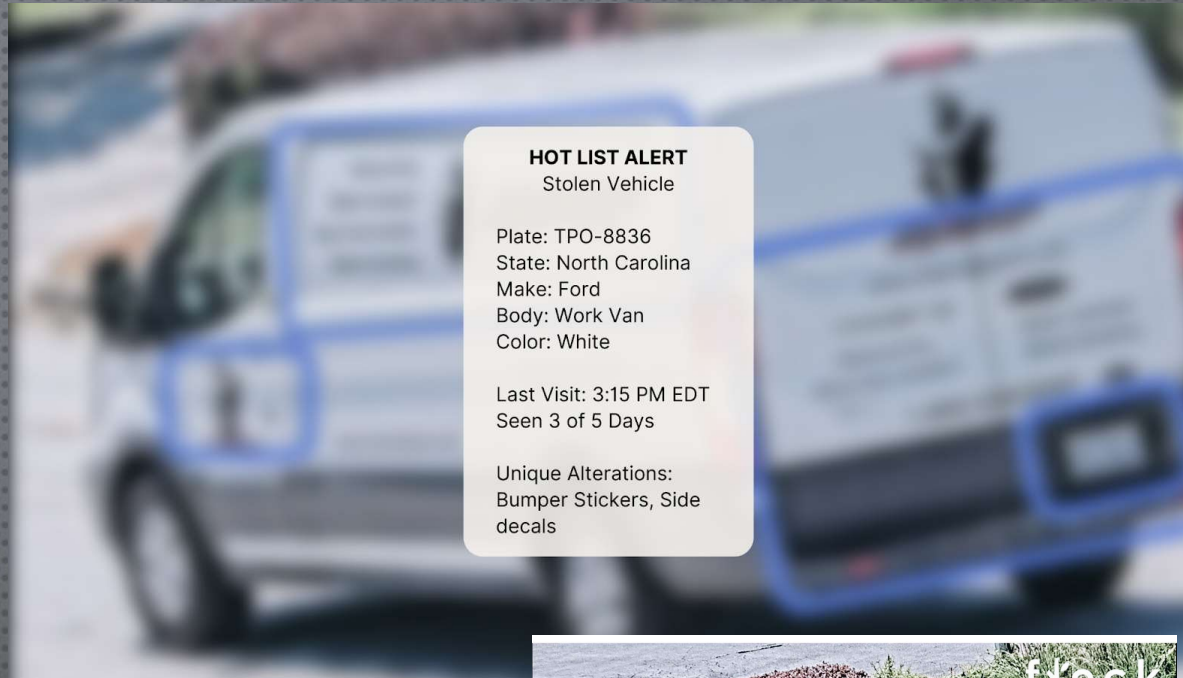
Color
Gray



Resident?
No

HOW IS THIS TECHNOLOGY DIFFERENT?

- Fingerprint™ Technology (i.e color, make, model, racks, bumper stickers, size, State, damage, etc)
- Vehicle Recognition vs ALPR
- Axon Integration - Fleet 3 In-car Camera and Evidence.com upload for advanced searching
- Training Required – Unique login
- Mobile Alerts
- Night Vision – Captures vehicles traveling up to 90 MPH
- Multi-lane view of traffic



HOT LIST ALERT Stolen Vehicle


Plate: TPO-8836
State: North Carolina
Make: Ford
Body: Work Van
Color: White

Last Visit: 3:15 PM EDT
Seen 3 of 5 Days

Unique Alterations:
Bumper Stickers, Side
decals



flock safety



Basic Advanced

LICENSE PLATE

License Plate

STATE

- Out of state
- In state
- Select all 28,000
- Alabama 12,000
- Alaska 7,500
- Arizona 8,200
- Arkansas 2,100

BODY

- Car 28,000
- SUV 900
- Pickup Truck 1,200
- Van 8,000
- Semi Truck 5,500
- Bus 350
- Motorcycle 700

MAKE

Search

Select all

Adjust Your Timeframe

Last 12hrs Last 24 hrs Last 36 hrs **Last 48 hrs**

I wanna search... 12/01/2020 9:00am To... 12/01/2020 11:00am Time... mins hrs **Search Now**

1,000 Results

You might get better results if you adjust your timeframe

Most Recent Oldest First Large Cards Result Options



GA C425131 [See Options](#)

Build Make Seen
SUV Ford First Time
[Download](#) [Flag](#) [Perform Lookup](#) [Daytin](#)



GA C425131 [See Options](#)

Build Make Seen
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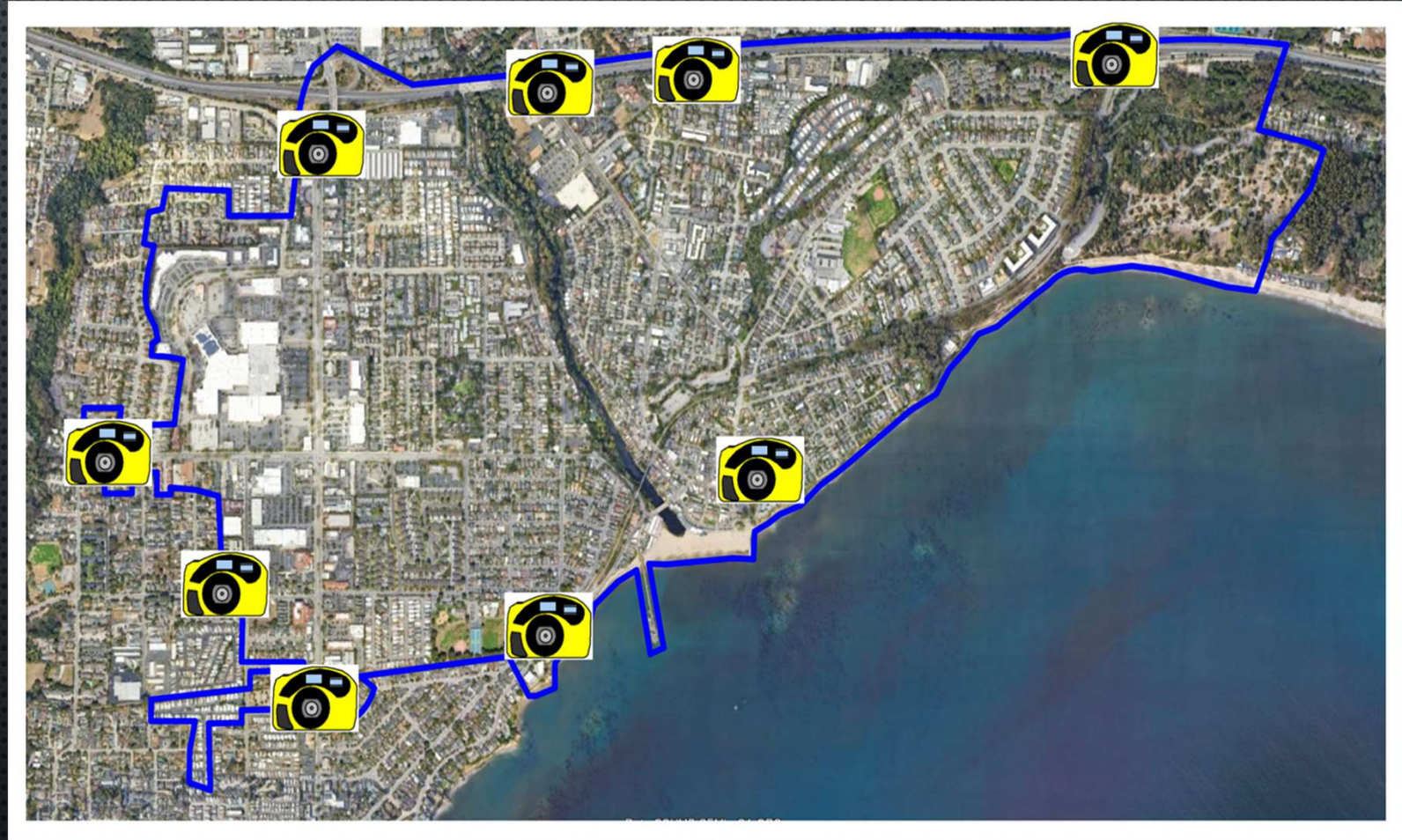


GA C425131 [See Options](#)

Build Make Seen
SUV Ford First Time
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- *Set stationary cameras at choke points throughout the city*
- *Gather crime data for further camera placement*





**Solar &
Existing Pole**



**Electric & Existing
Structure / Pole**



**Solar &
Flock Pole**



**Solar &
Traffic Pole**

Protecting Privacy Ethics-Driven Innovation

- FOOTAGE 100% OWNED BY CUSTOMER DELETED AFTER 30 DAYS / NEVER SOLD OR SHARED / ENCRYPTION
- SEARCH REASON FIELD REQUIRED FOR AUDIT TRAIL (AR# OR CASE NUMBER)
- **NOT** FACIAL RECOGNITION SOFTWARE
- **NOT** USED FOR IMMIGRATION ENFORCEMENT
- **NOT** USED FOR TRAFFIC ENFORCEMENT
- **NO** LIVE VIDEO



Policy

426

Automated License Plate Readers (ALPRs)

426.1 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.

426.2 DEFINITIONS

- Automated License Plate Reader (ALPR):** A device that uses cameras and computer technology to compare digital images to lists of known information of interest.
- ALPR Operator:** Trained Department members who may utilize ALPR system/equipment. ALPR operators may be assigned to any position within the Department, and the ALPR Administrator may order the deployment of the ALPR systems for use in various efforts.
- ALPR Administrator:** The Investigations Bureau Captain or the Chief's designee, serves as the ALPR Administrator for the Department.
- 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.
- 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.

TRANSPARENCY PORTAL

Overview

Morgan Hill CA PD uses Flock Safety technology to capture objective evidence without compromising on individual privacy. Morgan Hill CA PD utilizes retroactive search to solve crimes after they've occurred. Additionally, Morgan Hill 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 Morgan Hill 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**
25
- External organizations with access**
ACRATT - CA, Alameda CA PD, Arcadia CA PD, Alherton CA PD, Auburn CA PD, Burlingame CA PD, Campbell CA PD, Danville CA PD, Fremont CA PD, Gall CA PD, Gilroy CA PD, Hayward CA PD, Hillsborough CA PD, Kings County CA DAs Office, Lathrop CA PD, Livermore CA PD, Los Gatos Monte Sereno PD - CA, Menlo Park CA PD, Milpitas CA PD, Monterey County CA SO, Mountain View CA PD, NCRIC, Newark CA PD, Ontario CA PD, Pleasanton CA PD, Richmond CA PD, Salinas PD - CA, San Jose CA PD, San Leandro PD CA, San Mateo CA PD, San Mateo County CA SO, San Pablo CA PD, San Rafael CA PD, Santa Clara County CA SO, Santa Clara PD - CA, Tracy CA PD, Ukiah Fire CA FD, Union City CA PD, Walnut Creek CA PD, Woodland CA PD, Yolo County CA SO, Yuba County CA SO
- Hotlists Alerted On**
California SVS, NCMEC Amber Alert
- Vehicles detected in the last 30 days**
431,624
- Hotlist hits in the last 30 days**
3,335
- Searches in the last 30 days**
239

100% Transparency

Available on local city website

Managed by Flock Safety



FLOCK TECHNOLOGY

CAPITOLA PD EXAMPLES

- **2024 VEHICULAR MANSLAUGHTER**
 - INVESTIGATOR ONLY HAD KNOWLEDGE OF VEHICLE TAILLIGHTS DETAIL
- **COMERICA BANK ROBBERY**
 - INVESTIGATOR KNOWS SUSPECT VEHICLE MAKE/MODEL/COLOR & UNIQUE DESCRIPTORS
- **ALICE HERMANN MURDER**
 - INVESTIGATION – NEXT SLIDE DETAILS

ALICE HERMANN HOMICIDE

- GPS DATA WAS COMPARED TO FLOCK DATA
- GPS DATA SHOWED THE SUSPECT'S LOCATION AND FLOCK DATA SHOWED THE SUSPECT'S DIRECTION OF TRAVEL
- FLOCK PROVIDED A TIMELINE OF THE SUSPECT'S MOVEMENT WHICH ASSISTED IN THE LOCATION OF THE VICTIM'S REMAINS



CASE STUDY LONG TERM RESULTS



Vacaville PD



Vacaville, CA

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**

**“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

Subscription: \$3,000

Lease per camera, per year*

Annual Subscription Includes

CAMERA HARDWARE

- Automatic License Plate Reader
- Solar or DC Power
- Mounting Equipment
- Maintenance Warranty

HOSTING & ANALYTICS

- Cloud Hosting & LTE Connectivity
- Unlimited User Licenses
- Hotlist Integration & Alerts
- Ongoing Software Enhancements

**five (5) camera minimum*

**one time implementation fee per camera = \$350 (\$750 for State RoW)*

**Flock Safety does not provide electrical services | electrical work not included*

FISCAL IMPACT – UTILIZING SLESF FUNDING

YEAR 1

INITIAL COST TO DEPLOY 10 CAMERAS ESTIMATED AT **\$36,350** FOR INFRASTRUCTURE, SOFTWARE UPGRADES AND PROFESSIONAL SERVICES.

12 MONTH SUBSCRIPTION

TOTAL = \$32,000

YEAR 2

THE RECURRING COST FOR 10 CAMERAS YEAR AFTER ESTIMATED AT **\$32,000**.

24 MONTH SUBSCRIPTION

TOTAL = \$68,350

***Advanced Search Module: From \$2,500 to a maximum of \$5,000 per year. (25 cameras) \$3,500 per year ***

CAPITOLA POLICE CHIEF'S ADVISORY COMMITTEE RECOMMENDATIONS

CONTINUE PUBLIC OUTREACH WITH SOCIAL MEDIA POSTS ABOUT FLOCK SAFETY PRIOR TO CITY COUNCIL MEETING.

IDENTIFY IN MORE DETAIL WHAT GOES ON THE "HOT LIST" FOR CAPITOLA POLICE "HIGH PRIORITY INCIDENTS"

IDENTIFY MORE ROBUST AUDIT TO INCLUDE MORE COMMAND LEVEL OVERSIGHT TO ACCESS AND DISTRIBUTION OF INFORMATION

REVIEW THE PROGRAM IN SIX MONTHS TO DETERMINE EFFECTIVENESS OF THE SYSTEM AND EXAMINE/EVALUATE AUDIT PROCEDURES

RECOMMENDED ACTION

- AUTHORIZE THE CITY MANAGER TO EXECUTE A 24-MONTH MASTER SERVICES AGREEMENT FOR THE LEASE OF 10 AUTOMATED LICENSE PLATE READER CAMERAS FROM FLOCK GROUP, INC. (FLOCK) IN THE AMOUNT NOT TO EXCEED \$68,350 (\$36,350 DUE AT SIGNING AND ANNUAL RECURRING AT \$32,000)

QUESTIONS?