

# Case Studies



# Castle Rock PD

According to C-MATT, Castle Rock was the only Metro-Denver City to reduce auto-theft (with a 25% reduction) in 2020 - 2021, they were also the only Flock Customer

## Flock hits resulting in the recovery of a stolen vehicle or eluding:

- 27% resulted in the recovery of other stolen property
- 29% led to the seizure of illegal drugs (966.3 grams)
- 8 guns recovered/seized
- 79 warrants served
- 30% involved a VCT (29 times)
- 5% led to a pursuit and 24 vehicles eluded

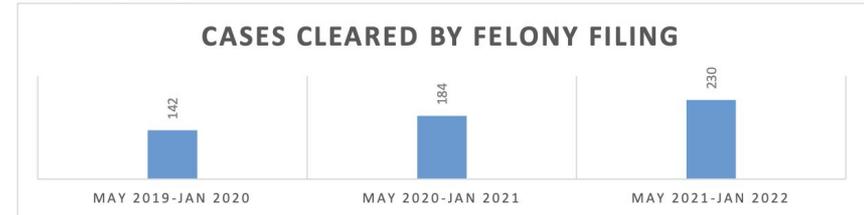
In the last 9 months there have been **360 calls for service** mentioning "LPR" in the call notes. Flock facilitated the recovery of **65 stolen vehicles**.

Compared to the same time frame last year...

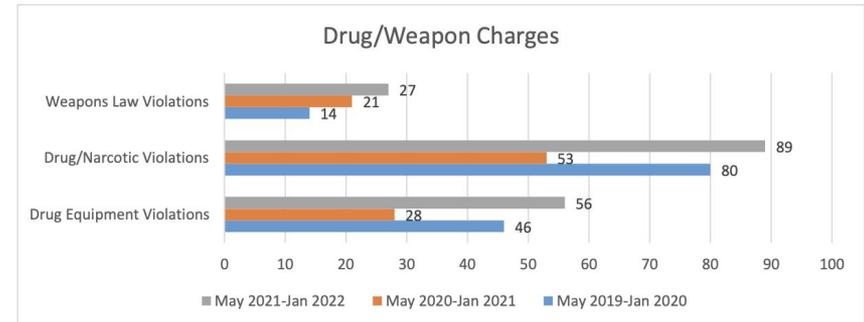
...vehicle trespasses are **down 20%** and motor vehicle theft is **down 29%**...



...felony filings are **up 25%**...



...and drug/weapons charges are up a combined **69%**.



## 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**

Fire apprenticeship, expanded license plate reader  
program among budget requests

- The Reporter

**“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**

## CASE STUDY: Lexington PD



Lexington PD



Lexington, KY

*In 3 months with 25 Falcons, the Lexington PD had the following outcomes...*

**Total value of recovered vehicles:**

**\$861,025.00**

**Total of Success Stories:**

**98**

**NCIC Stolen Vehicles:**

**57**

**NCIC Warrant:**

**2**

**Investigative:**

**26**

**NCIC Missing Person:**

**4**

**Warrants/Subpoenas Served:**

**55**

**Missing Persons Recovered:**

**11**

**Guns Seized:**

**25**

**# of Charges:**

**246**

**# of Persons Charged:**

**97**

## CASE STUDY: Long Term Crime Reduction



CCPD



Cobb County, GA

**“[We’re] able to react to crimes in progress with actionable evidence obtained quickly and effortlessly by Flock Safety.”**

**- Chief VanHoozer**

Cobb County drops crime by 60% w/ help of tech

- Fox 5 Atlanta

**215 Beat**

**64% Entering Auto**

**63% Non-Res Burglary**

**Precinct 2**

**35% Entering Auto**

**40% Robbery**

	5 Yr Avg	2018	2019	'18 -> '19 % Change
Robbery	29	23	11	<b>-52%</b>
Res Burglary	59	34	27	<b>-21%</b>
Non-Res Burglary	23	27	10	<b>-63%</b>
Entering Auto	147	138	50	<b>-64%</b>
Theft	135	160	150	<b>-6%</b>
Vehicle Theft	55	52	45	<b>-13%</b>

**Crime reduction prevention**

## Flock ALPR



Perth Amboy PD



Perth, NJ

- Results with 6 months of Flock Safety
  - 7 stolen vehicle recoveries
  - 3 stolen plate recoveries
  - 8 fictitious recoveries
  - 10 arrests
  - Assisted with 30 separate investigations for SIU
  
- In a NYC subway shooting in April of 2022, Flock Safety cameras captured the U-Haul used by the suspect of the shooting, helping detective establish a timeline and location of the suspect that morning prior to the shooting

[Suspect Brooklyn subway shooter indicted on two federal counts, including terror charge](#)



## CASE STUDY: *Violent Crime Reduction*



Dayton PD



Dayton, Ohio

**Before Flock Safety,  
crime in Dayton was 2.1X the  
national average.\***

**Result: 46% reduction in  
violent crime within target  
area after 6 months**

## Problem

- Violent and non-violent crime on the rise
- Community members feel unsafe

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## Goals

- 29 strategically placed LPR cameras to capture evidence that solves crimes
- Proactively reduce crime to increase quality of life

## CASE STUDY: Long Term Results



Gwinnett County PD - Central Precinct



Gwinnett County, GA

# 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%

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



## 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

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

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

# 30-Day ROI with Flock Safety



WPD



Wichita, Kansas

## First Camera Installed

November 5, 2020

## 49 Arrests Made

November 30, 2020

## 53 Stolen Vehicles, 32 Stolen Plates Recovered

December 4, 2020

## 11 Stolen Vehicles Recovered

November 6, 2020

## \$496,000 reached in Vehicle Recoveries

December 1, 2020

## CASE STUDY *Results*



Wichita, KS PD

<b>197</b>	vehicles recovered
<b>88</b>	stolen plates
<b>\$1.9M</b>	in vehicle recoveries
<b>211</b>	arrests, mostly felonies
<b>28</b>	guns seized
<b>1 lb+</b>	of meth
<b>5 lbs+</b>	of marijuana and other
drugs	

**"One of the most impactful technologies we've ever had, period."**

**"Flat out solving unsolvable crimes because of it."**

**"Systemic type of positivity about Flock."**

*-Lt. Casey Slaughter*

## Case Study: Auto Theft



- Avg # of Recovered Vehicles is 58.5 per year (past 4 years)
- Since Flock went live (69 days ago) it has gone up to **89 recovered stolen vehicles**
- Average rate of recovered stolen vehicles over past 4 years is 55.6% since Flock went live it has gone up to 78.76%
- Flock led to 8 arrests in 69 days



## Yakima Police Department

Flock Monthly Report: May 2022



22 Cameras went live **69** days ago

Flock has assisted in **8** Arrests!

### Flock Hits:

- 68** Stolen Vehicles
- 28** Stolen Plates
- 06** Violent Persons
- 03** Missing Persons
- 07** Gang Hits
- 02** Wanted Suspects

\*Note: This data relates to the license plates reported as belonging to/associated with the above categories

- Average number of recovered stolen vehicles over the past 4 years is 58.5
- Number of recovered stolen vehicles since Flock went live is 89

(52.14% increase in the number of recovered stolen vehicles since Flock went live)

Analysis based on data from the past 30 days (May 16th, 2022- June 14nd, 2022)

### Flock Assists:

May 6th, 2022- Weapons Offense- Brandishing Firearm/Death Threats- located suspects vehicle.

May 29th, 2022- Kidnapping/Auto theft- located stolen vehicle

May 30th, 2022- Weapons Offense- located stolen car, suspect fled when approached by officers, suspect fired at officers

The average rate of recovery of stolen vehicles over the previous 4 years, looking at recovery rates, is 55.6%

Since YPD started using Flock Cameras, the 2022 vehicle recovery rate went up to 78.76%

(23.18% increase in the number of recovered reported stolen vehicles since Flock went live)

