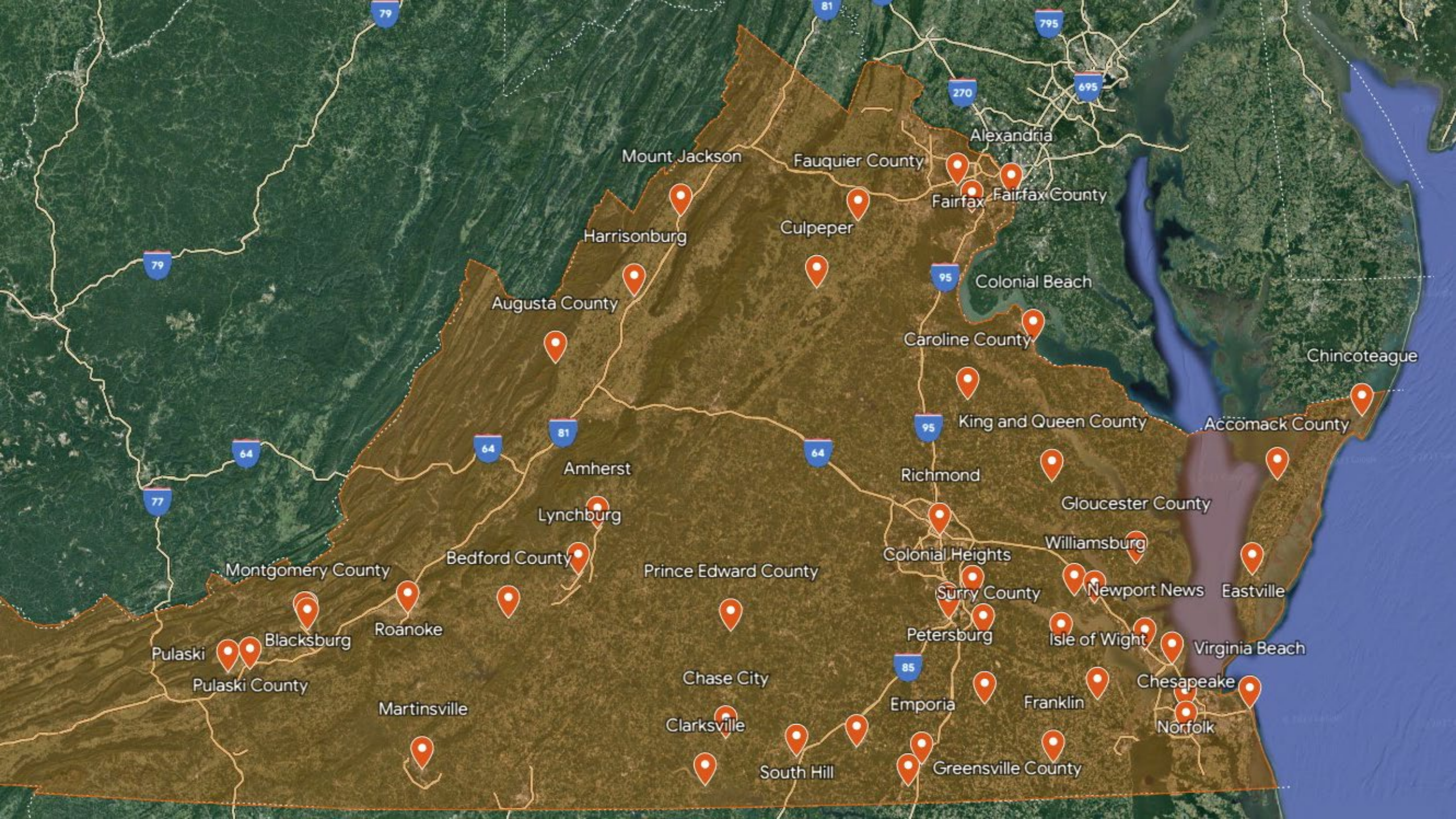


# Flock Safety Proposal

[flockinfo@charlottesville.gov](mailto:flockinfo@charlottesville.gov)







Mount Jackson

Fauquier County

Alexandria

Fairfax

Fairfax County

Culpeper

Harrisonburg

Augusta County

Colonial Beach

Caroline County

Chincoteague

King and Queen County

Accomack County

Amherst

Richmond

Gloucester County

Lynchburg

Colonial Heights

Williamsburg

Montgomery County

Bedford County

Prince Edward County

Surry County

Newport News

Eastville

Pulaski

Blacksburg

Roanoke

Pulaski County

Martinsville

Chase City

Clarksville

South Hill

Petersburg

Emporia

Franklin

Chesapeake

Norfolk

Virginia Beach

Greensville County



# Like size/demographics Jurisdictions with Flock

Portsmouth

Norfolk

Harrisonburg

Fairfax

Alexandria

Lynchburg

Richmond

Newport News

# Benefits of Flock Safety to Charlottesville Police

- Valuable tool for receiving alerts for **AMBER/SILVER/BLUE** alerts. Can efficiently assist officers locate vehicles related to these types of alerts.
  - Most times, these alerts have vehicle registrations associated with them that are entered into NCIC and will automatically be flagged by Flock cameras. This will alert all officers on the system of the registration sighting which will lead to more successful conclusions to these cases.
- Valuable tool for the successful identification and further investigation of suspect vehicles in all crimes committed within the City of Charlottesville
  - Shootings
  - Robberies
  - Stolen Vehicles

# How can Flock help mitigate disparities in Policing?

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- It allows a focus on objective data rather than subjective factors, which can reduce the potential for Implicit Bias in policing decisions.
- The data collected is likely to be more consistent and reliable. This can help ensure that policing practices are applied uniformly across the entire community.
- Can help reduce the number of discretionary stops made by officers, as they can rely on the system to identify specific vehicles based on objective criteria (wanted individuals, missing persons, stolen vehicles etc). This can help minimize the potential of implicit bias.

# What is Flock Safety?

Flock Safety deploys solo License Plate Reader (LPR) cameras in strategic areas designated by CPD.



Provides still shot images of vehicles and their respective registrations as they pass by camera.



Web based program with unlimited end users that can also search for make/model of vehicle as well as color and body type.



Downloads NCIC hot list 4 times a day

# What is NOT Flock Safety

It is not video



Does not have facial recognition



It does not report traffic violations

# Calls for Service Raw Data

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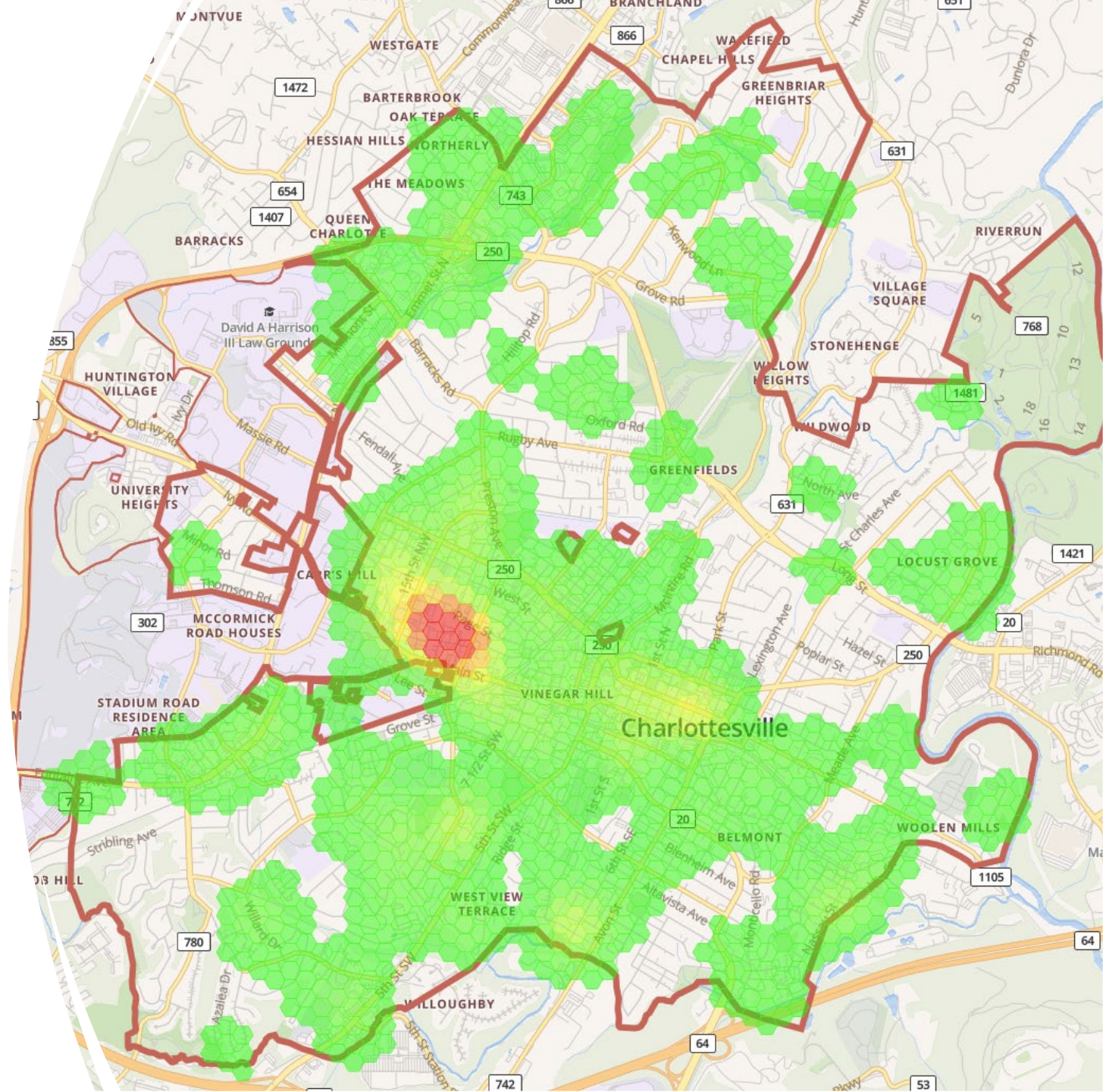
DISTRICT	SHOTS FIRED	STOLEN VEHICLE/UNAUTHORIZED USE	TOTAL
CPN	127	121	248
CPC	51	122	173
CPS	188	118	306
Total	366	361	727



# Stolen Vehicle Heat Map 2023

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- As seen on the map, a majority of our stolen vehicles are being reported in the Downtown, West Main, and 10<sup>th</sup>/Grady Ave areas of the City.

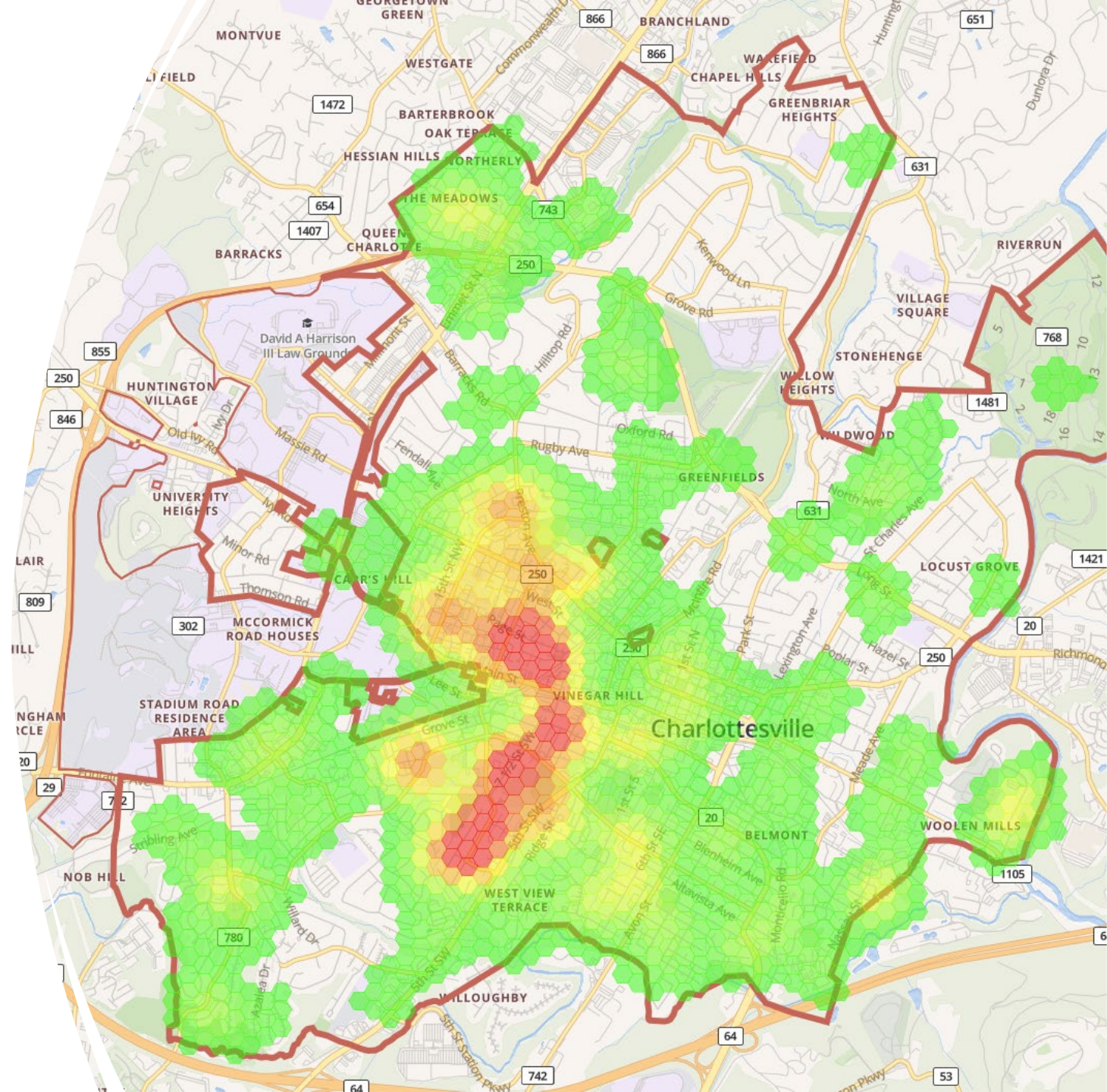




# Shots Fired Heat Map 2023

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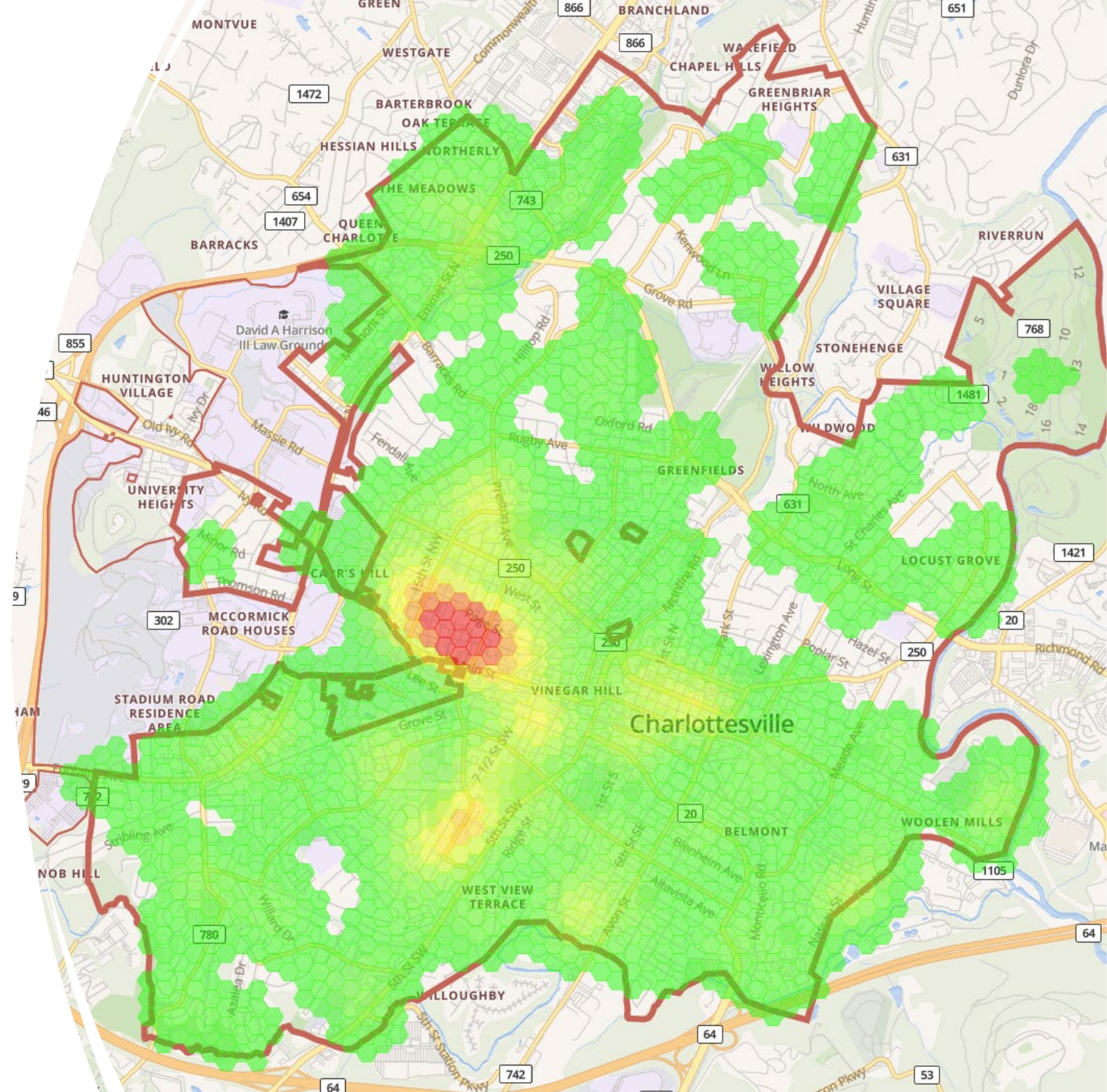
- Over the past several months, we have seen gun violence in the center City, Fifeville, Corner, Cherry, and Harris St areas
- We have also had several reports of shots fired in the Emmet St and Angus Rd areas of the City





# Shots Fired/Stolen Vehicle Combined

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# Shots Fired CFS Trend

- 85% of our shootings involve the use of vehicles.
- If given a vehicle description, with no tag information, Officers utilizing Flock can run that description and pull any vehicle matching the description and filter for a match
  - Example – Elliewood Ave homicide
  - All 6 murders in 2023 involved a vehicle

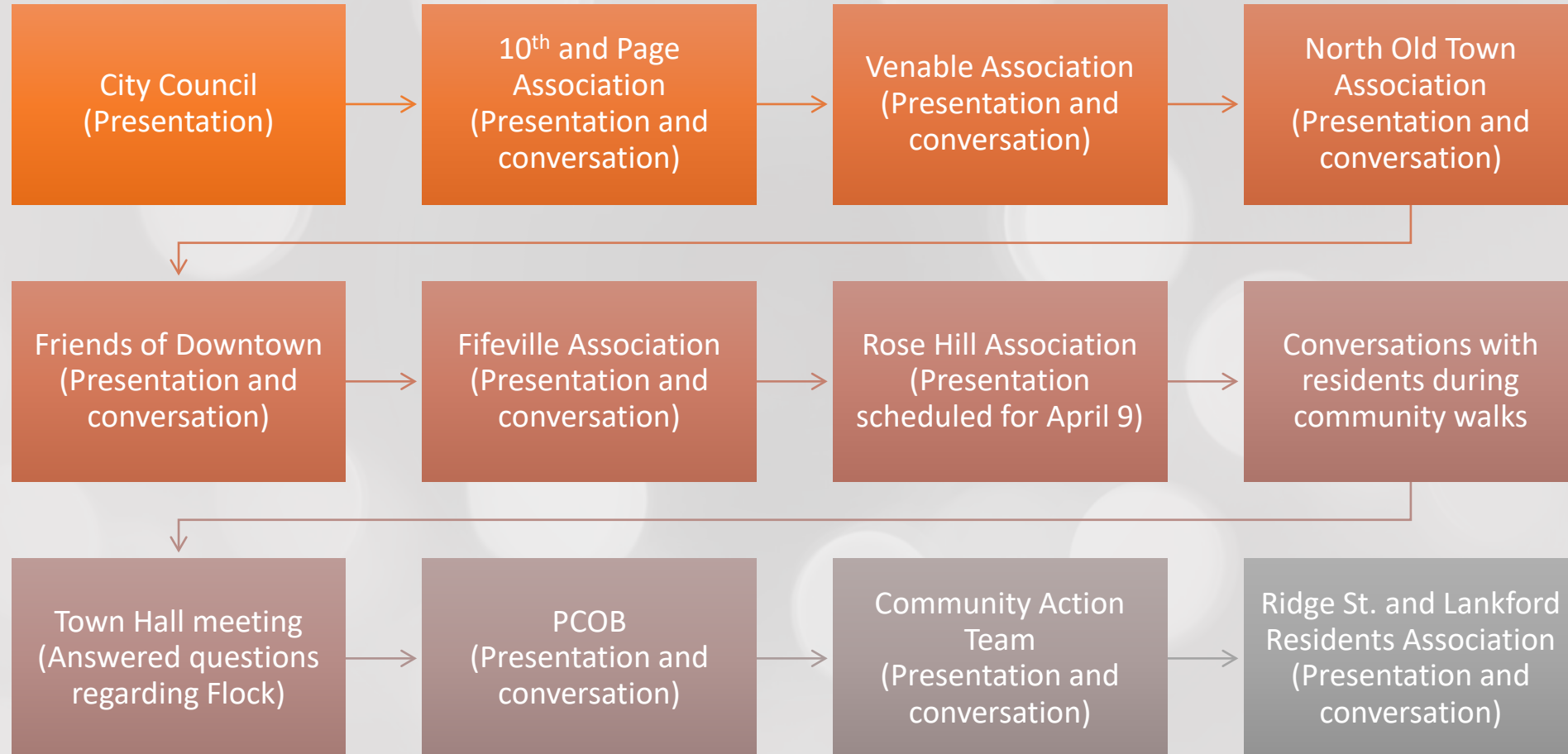


# Proposed Camera Locations

- Emmet St N @ Barracks Rd NB
- 250 Bypass @ Rugby Ave
- Monticello Ave @ Druid Ave NB
- Roosevelt Brown Blvd @ Lee St
- W Main St @ 10<sup>th</sup> St NW
- University Ave @ 14<sup>th</sup> St NW
- Cherry Ave @ Ridge ST
- Ridge/McIntire @ Preston Ave
- Preston Ave @ Grady Ave
- Long St @ Free Bridge



# Community Outreach



# Feedback

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Feedback has been overwhelmingly in support of the program



Feedback regarding privacy concerns has been heard and would form our policy in this regard.



## Initial Policy Recommendations

- Retention of data for 30 days, which is the same as every jurisdiction in Virginia.
  - Data to be shared with all government flock users across the nation.
  - Initial three-year program
- 



# Updated Policy Highlights

- Twelve-month pilot with quarterly updates to community groups, city council, and PCOB.
- Transparency portal available to the public.
- Oversight by Executive Director of PCOB.
- Data will only be retained for **7 days** (*this is the shortest retention within the Commonwealth*).
- Data will not be shared outside of the Commonwealth of Virginia.
- Notice on every alert shall say **“NOTICE, A FLOCK ALERT IS NOT JUSTIFICATION ON ITS OWN TO JUSTIFY A STOP OF THE VEHICLE. INFORMATION FROM THE ALERT MUST BE INDEPENDENTLY CONFIRMED BY THE OFFICER BEFORE ACTING UPON THE INFORMATION.”**

# Accountability Measures

System administrator in the Police Department will conduct regular audits to ensure proper usage of the system.



Executive Director of the Police Civilian Oversight Board (PCOB) will have full audit capability.



Information on the system can only be accessed for legitimate law enforcement purposes.


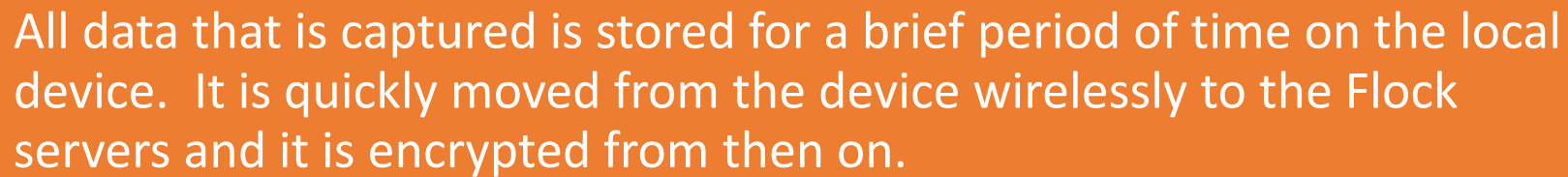


Any violation found is subject to administrative discipline and referred for criminal prosecution if necessary.


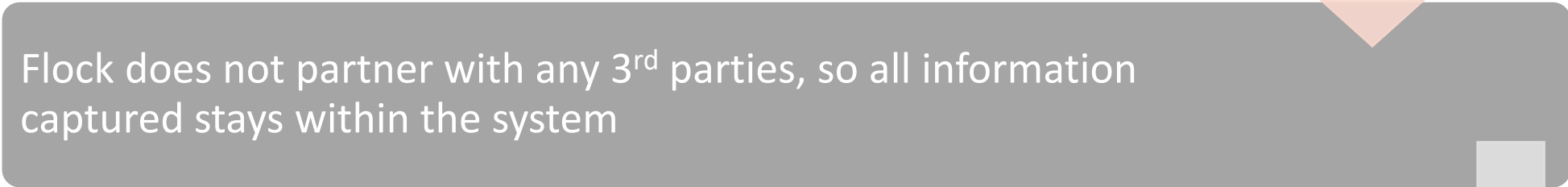


# Data Security

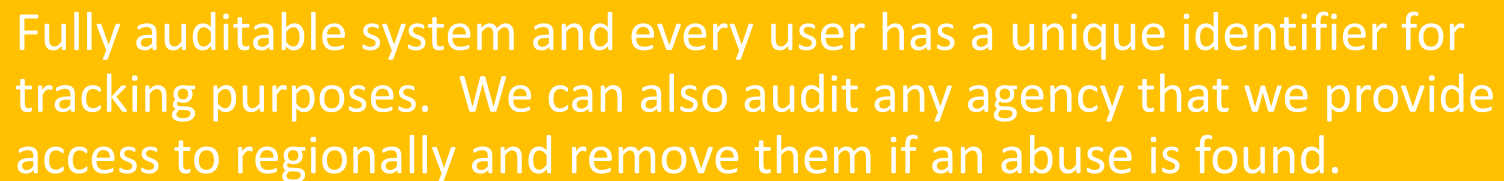
All data that is captured is stored for a brief period of time on the local device. It is quickly moved from the device wirelessly to the Flock servers and it is encrypted from then on.
















Flock does not partner with any 3<sup>rd</sup> parties, so all information captured stays within the system



Fully auditable system and every user has a unique identifier for tracking purposes. We can also audit any agency that we provide access to regionally and remove them if an abuse is found.



# Transparency portal example (Warwick RI)

Policies		Usage	
	<b>What's Detected</b> License Plates, Vehicles		<b>Data retention (in days)</b> 30 days
	<b>What's Not Detected</b> Facial recognition, People, Gender, Race		<b>Number of owned cameras</b> 10
	<b>Acceptable Use Policy</b> Data is used for law enforcement purposes only. Data is owned by Warwick RI PD and is never sold to 3rd parties.	 <b>External organizations with access</b> Burrillville RI PD, Cranston RI PD, East Providence RI PD, Franklin MA PD, Johnston RI PD, Middleboro MA PD, Norwich CT PD, Pawtucket RI PD, Providence RI PD, Rhode Island State Police, Seekonk MA PD, SEMRECC MA, Smithfield RI PD, US Postal Inspection Service, Wayland MA PD, Woonsocket RI PD	
	<b>Prohibited Uses</b> Immigration enforcement, traffic enforcement, harassment or intimidation, usage based solely on a protected class (i.e. race, sex, religion), Personal use.		<b>Hotlists Alerted On</b> NCIC, NCMEC Amber Alert
	<b>Access Policy</b> All system access requires a valid reason and is stored indefinitely.		<b>Vehicles detected in the last 30 days</b> 368,350
	<b>Hotlist Policy</b> Hotlist hits are required to be human verified prior to action.		<b>Hotlist hits in the last 30 days</b> 266
			<b>Searches in the last 30 days</b> 171



# Transparency Portal (San Diego CA)

## Overview

The San Diego Police Department uses Flock Safety technology to capture objective evidence without compromising on individual privacy. San Diego Police utilizes retroactive search to solve crimes after they've occurred. Additionally, San Diego Police 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 San Diego CA PD and is never sold to 3rd parties.



### Prohibited Uses

The following uses of ALPRs shall be expressly prohibited:

- To invade the privacy of individuals or observe areas where a reasonable expectation of privacy exists.
- To be used in a discriminatory manner and to target protected individual characteristics, including race, color, ethnicity, religion, national origin, age, disability, gender (to include gender identity and gender expression), lifestyle, sexual orientation, or similar personal characteristics, in accordance with Department Policy 9.33.

## Usage



### Data retention (in days)

30 days



### Number of owned cameras

342



### External organizations with access - None



### Hotlists Alerted On

California SVS, NCMEC Amber Alert



### Vehicles detected in the last 30 days

1,975,064



### Hotlist hits in the last 30 days

3,569

# Transparency Portal (Culpeper VA)

## Overview

Culpeper VA PD uses Flock Safety technology to capture objective evidence without compromising on individual privacy. Culpeper VA PD utilizes retroactive search to solve crimes after they've occurred. Additionally, Culpeper VA 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 Culpeper VA 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

10

### External organizations with access

Accomack County VA SO, Alexandria City VA SO, Alexandria VA PD, Amberley Village OH PD, Amelia County VA SO, Amherst County VA SO, Arlington County VA PD, Augusta County VA SO, Avon IN PD, Bedford County VA SO, Blacksburg VA PD, Blount County Commission (AL), Bridgewater VA PD, Brunswick County VA SO, Caroline County VA SO, Chase City VA PD, Chesapeake VA PD, Chesterfield County VA PD, Chesterton IN PD, Chincoteague VA PD, City of Franklin VA PD, Clarksville IN PD, Clarksville VA PD, Colonial Heights VA PD, Cumberland County VA SO, De Pere WI PD, Dinwiddie County VA SO, Emporia VA PD, Escambia County FL SO, Fairfax City VA PD, Fairfax County VA PD, Farmville VA PD, Fauquier County VA SO, FBI, Floyd County VA SO, Fort Worth TX PD, Franklinton NC PD, Fulton County GA PD, George Mason University Campus VA PD, Gloucester County VA SO, Goochland County VA SO, Greenville County VA SO, Hampton VA PD, Hanover County VA SO, Harrisonburg VA PD, Hemstead Village NY PD, Henrico County VA PD.

# Summary

- Flock Safety can be a very valuable asset to the Department in not only solving crimes after they have occurred, securing a successful prosecution, but also act as a positive deterrent through proper education and media releases.
- Other agencies in our region have implemented Flock in their jurisdiction and have noted higher clearance rates of property and violent crimes.



Lets have a conversation  
about technology