

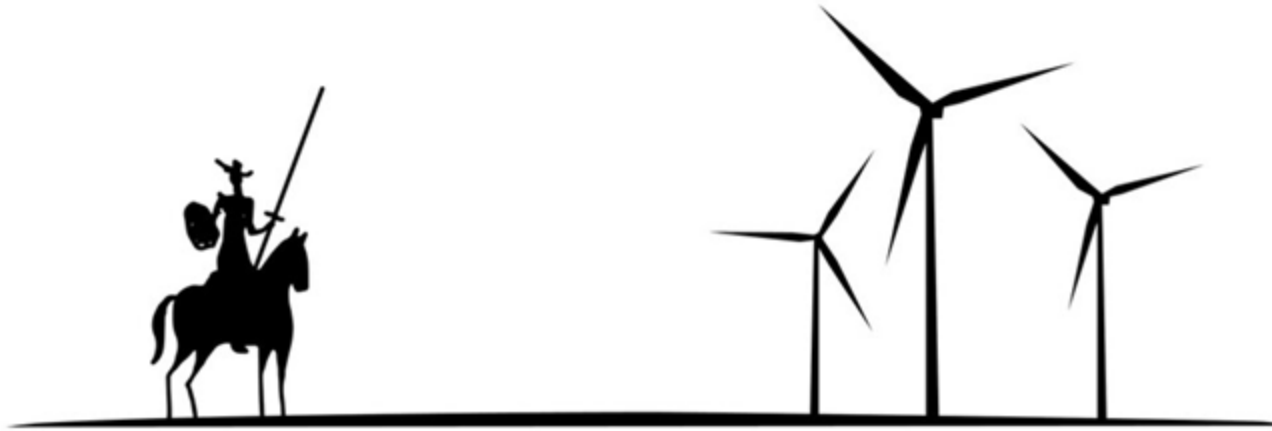
Hendrik (Cris) van Pelt

CornCon X
October 5, 2024

The Plains Have Eyes

Surveillance in the Hawkeye State





- I have worked in tech and security for ... a while.
- I moved from the Netherlands to Iowa in 2018.
- Yes, I have been to Pella.
- I work from home / live at work.



Your Orders

Orders

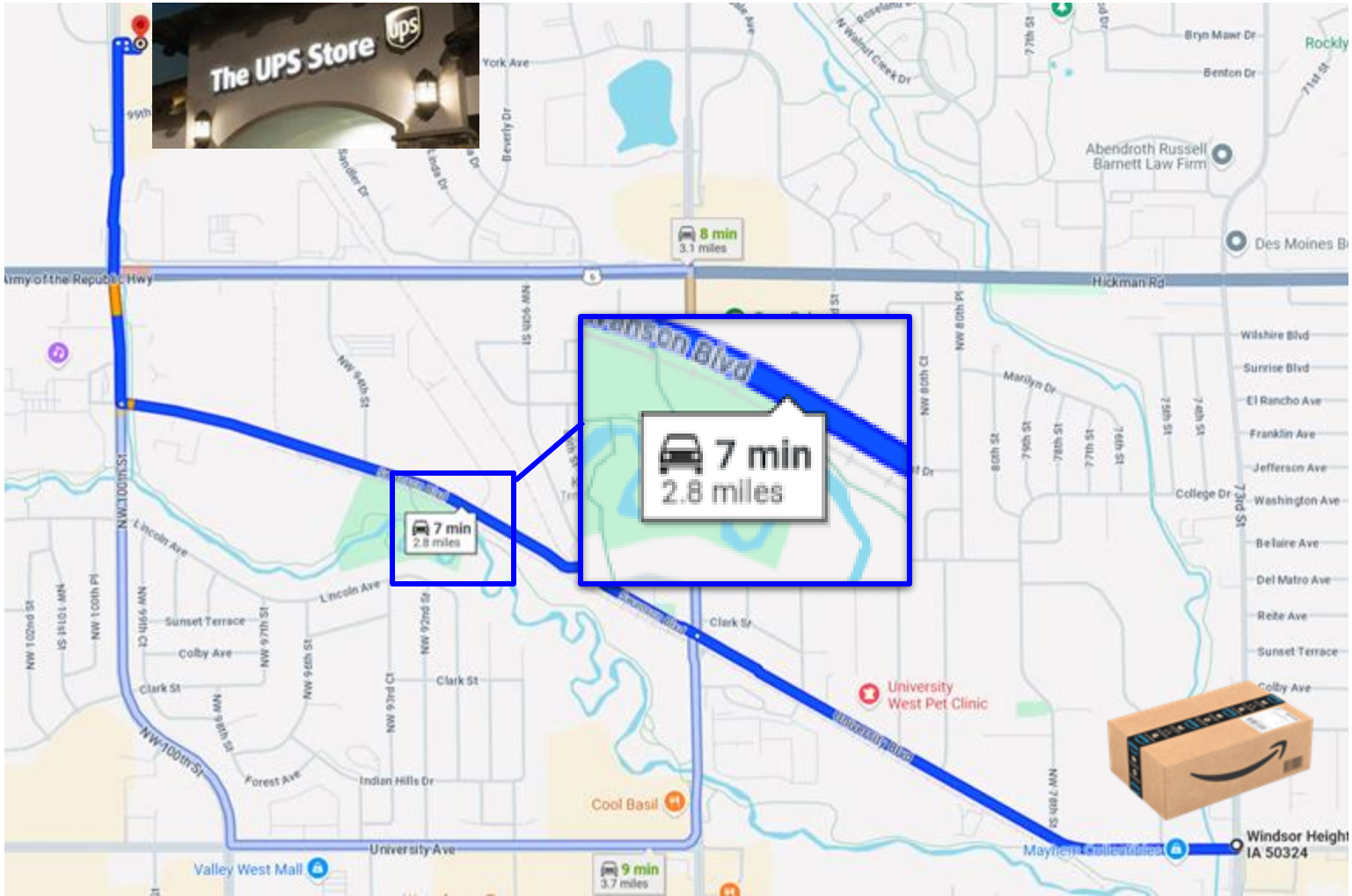
Buy Again

Not Yet Shipped

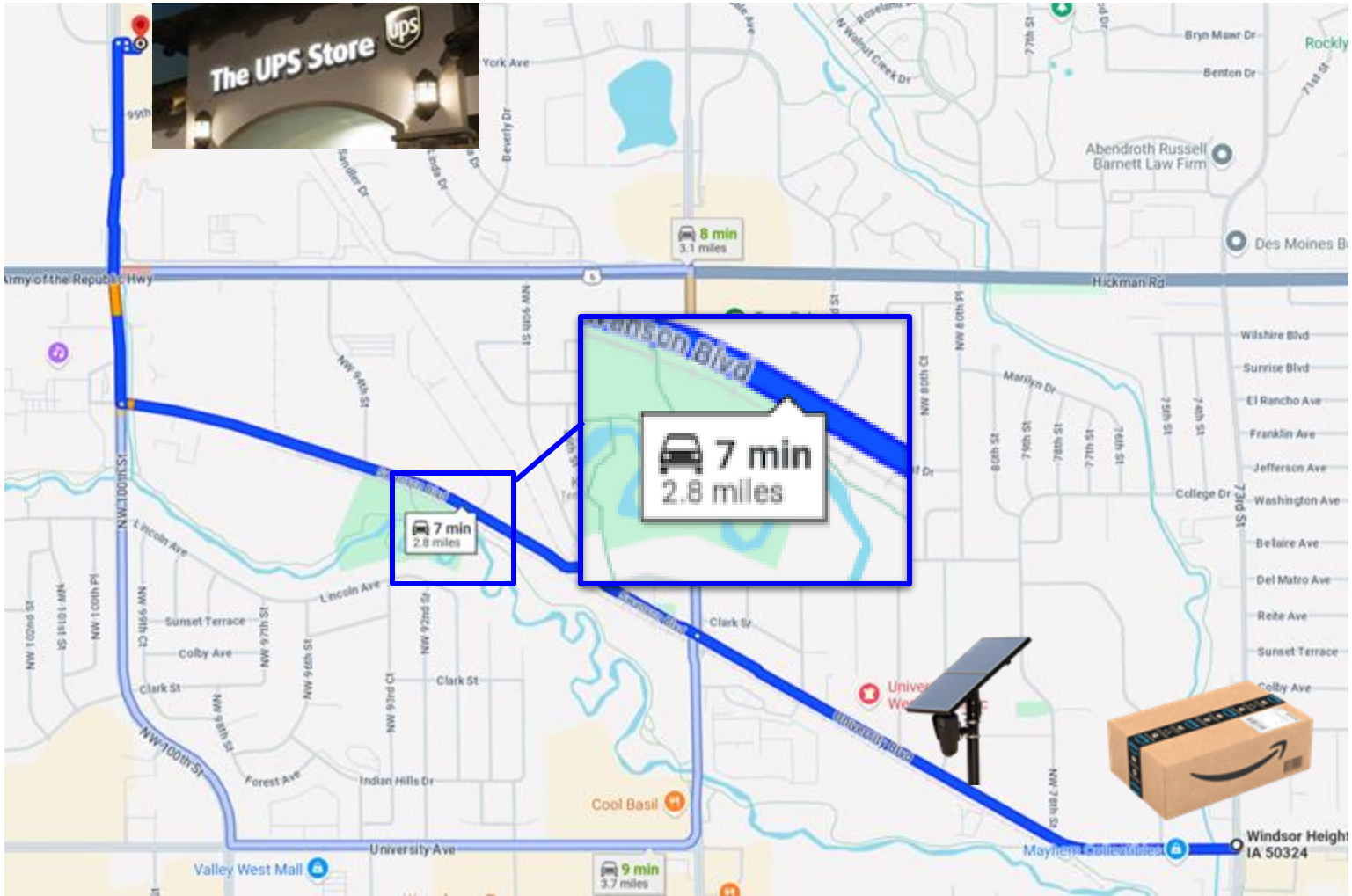
124 orders placed in

2023 ▼





Windsor Heights
IA 50324



7 min
2.8 miles

7 min
2.8 miles

8 min
3.1 miles

9 min
3.7 miles



flock safety

- Founded in 2017 by Garrett Langley, Matt Feury, and Paige Todd
- Private company
- Valued at over \$4b in a July 2023 fundraiser



Garrett Langley, CEO



Matt Feury, CTO

“Flock Safety is an all-in-one technology solution to eliminate crime and keep your community safe.”

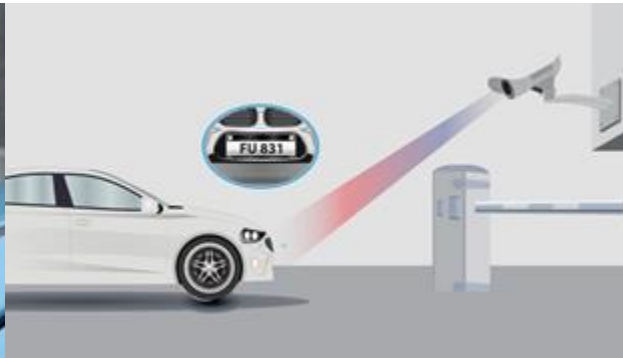
ALPR / ANPR : Automated License/Number Plate Recognition

- Capture image of a license plate
- Perform Optical Character Recognition (OCR)

Parking Enforcement



Access Control



Toll Roads



Flock Safety: The Marketing

- ALPR and Gunshot Detection systems
- Affordable cameras for HOAs, private companies, and PDs
- Solve and prevent crime



CHAPTER 22

EXAMINATION OF PUBLIC RECORDS (OPEN RECORDS)

Urbandale
Clive



Where are the rest of
the cameras?

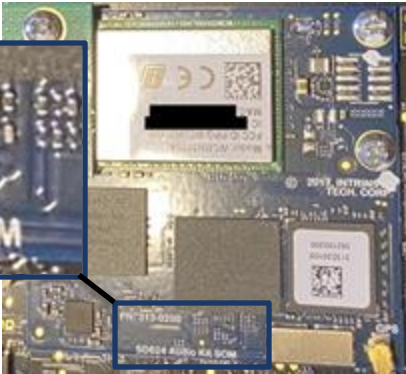


West Des Moines



Black Boxes

- GPS
- Camera
- Motion sensor
- Wireless communication



Professional Services Contract

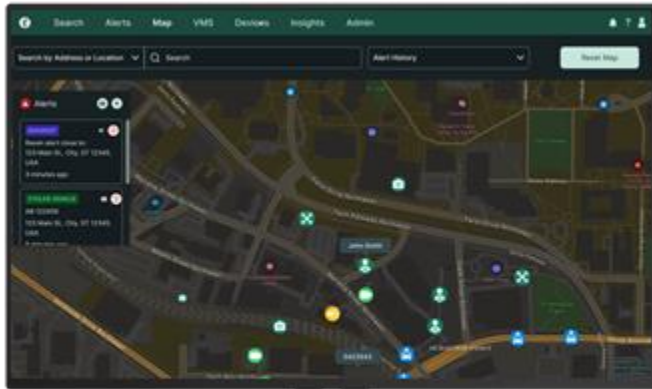
- Flock contractor installs devices
- Devices are owned by Flock
- Customer provides permits etc.
- Customer may not touch devices
- Customer pays a setup fee and a subscription fee

“The Urbandale Police Department is requesting to enter into a professional service contract with [Flock]. The contract will allow Flock to deploy traffic cameras in various locations throughout the City of Urbandale” – Urbandale, IA PD

FlockOS: The Product

“Integrated real-time intelligence platform”

- Cloud-based SaaS product
- Customers provide data from body cams, vehicle tracking, CCTV, drones, etc.
- Flock aggregates and augments data
- Customers can search database



- ✓ Flock Safety Devices (LPR, Audio, Video)
- ✓ Mobile & Fixed Video
- ✓ Precincts / Boundaries
- ✓ CAD Alerts
- ✓ Community Camera Registry
- ✓ Floor Plans
- ✓ Patrol Units (AVL)
- ✓ BWCs
- ✓ Drones
- ✓ Traffic

Vehicle Fingerprint® Technology

Identify vehicles by make, color, decals; transforming footage into actionable evidence. No plate required.

AI Powered

Leverages computational photography techniques for the best view

The PTZ function of the Condor camera has allowed our RTIC operator to zoom in during traffic stops in the area and provide real-time information to the officer during the stop. In many cases, officers are timing stops near these cameras as best possible for the additional safety it provides having over-watch.”

Lt. Wesley Herman, Investigator
Citrus Heights Police Dept.

Who has access?

National Crime Information Center
Hundreds of other organizations



Who gets the data?

- Flock registers more than 16,000 vehicles per day in WDM
- Each plate is sent to the FBI in real-time to perform a “hotlist” check.
- >300 organizations have access to West Des Moines’ data.
- Jemison, AL is one of them.

“Jemison is the 148th largest city in Alabama with a population of 2,248 according to the 2000 census. The city, which was incorporated in 1907, is located at the geological end of the Appalachian Mountain Range near the very center of the state.” – jemisonalabama.org



Hotlists Alerted On

NCIC, NCMEC Amber Alert



Vehicles detected in the last 30 days

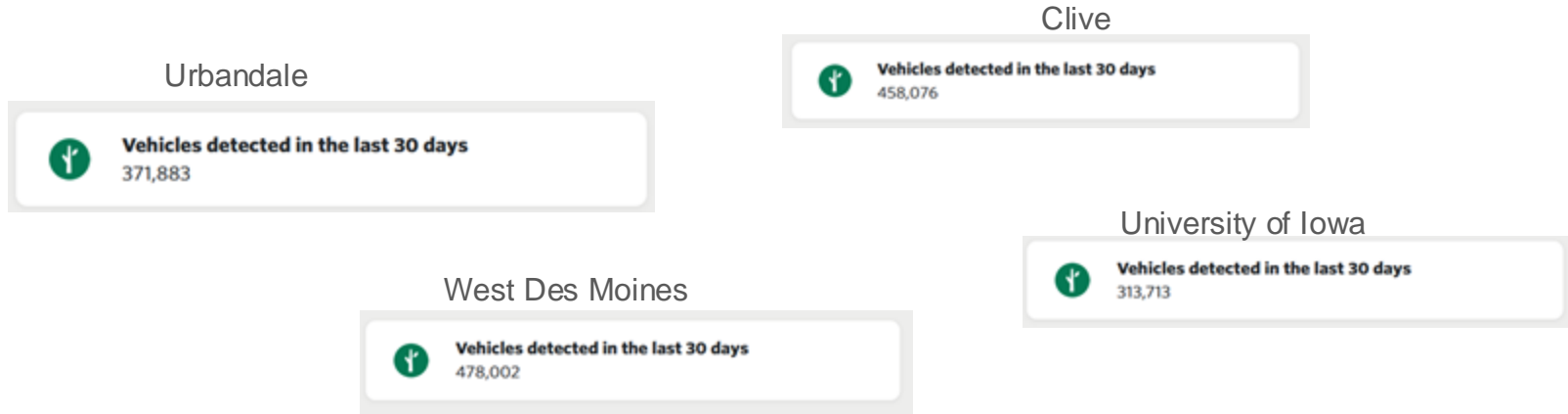
489,685

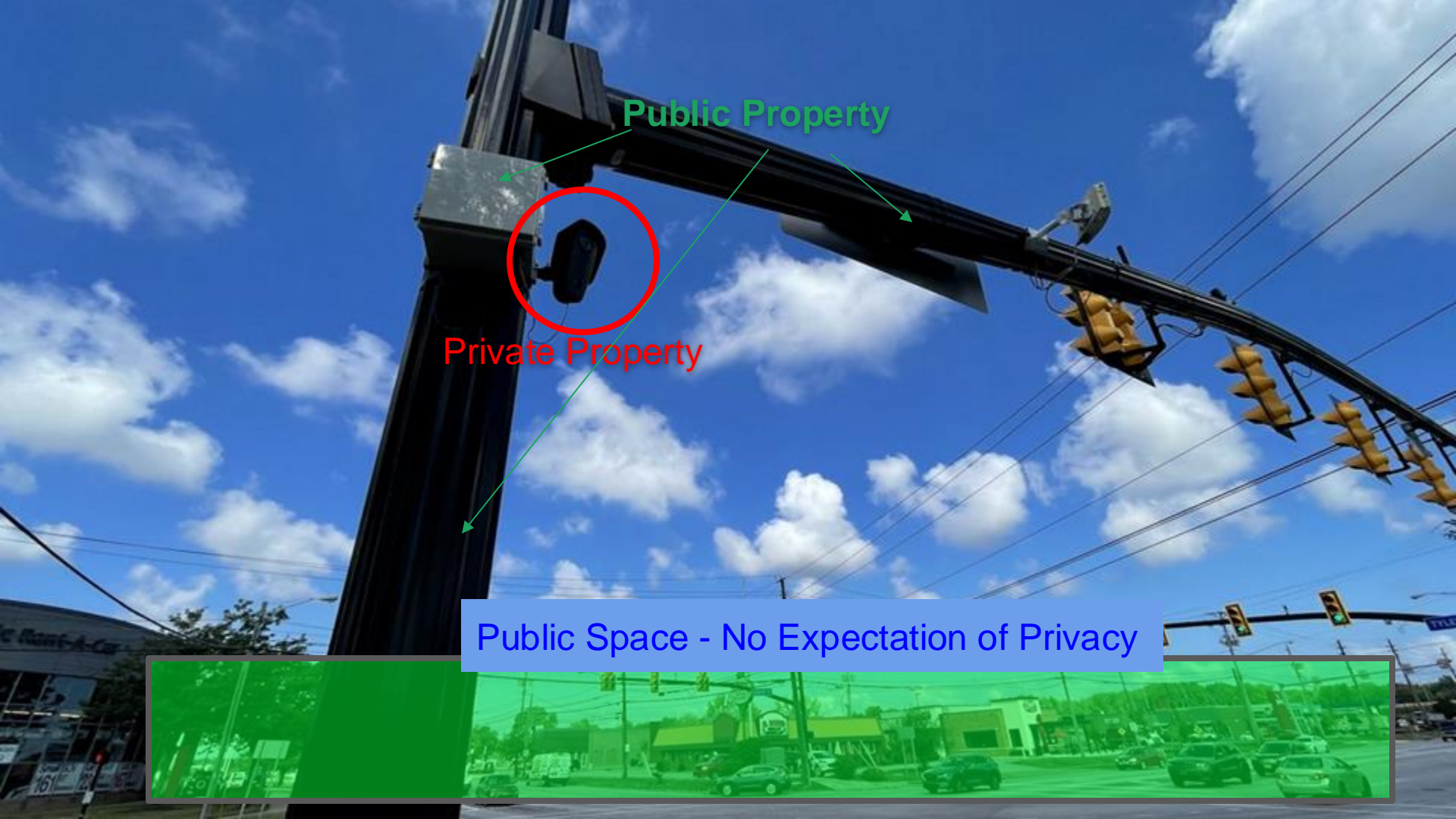
How much?

New traffic cameras are going up in the Des Moines metro. What to know about Flock cameras

Between just four Iowa agencies, 1.6 million vehicles in 30 days

All sent to US DoJ, Flock, AWS, and LE partners (who retains it?)





Public Property

Private Property

Public Space - No Expectation of Privacy



Donate to Flock Safety today!

- Flock is an out-of-state, for-profit, corporation
- Publicly owned infrastructure is used to fill Flock's database
- The more data in the database, the more value Flock has
- Flock owns the hardware

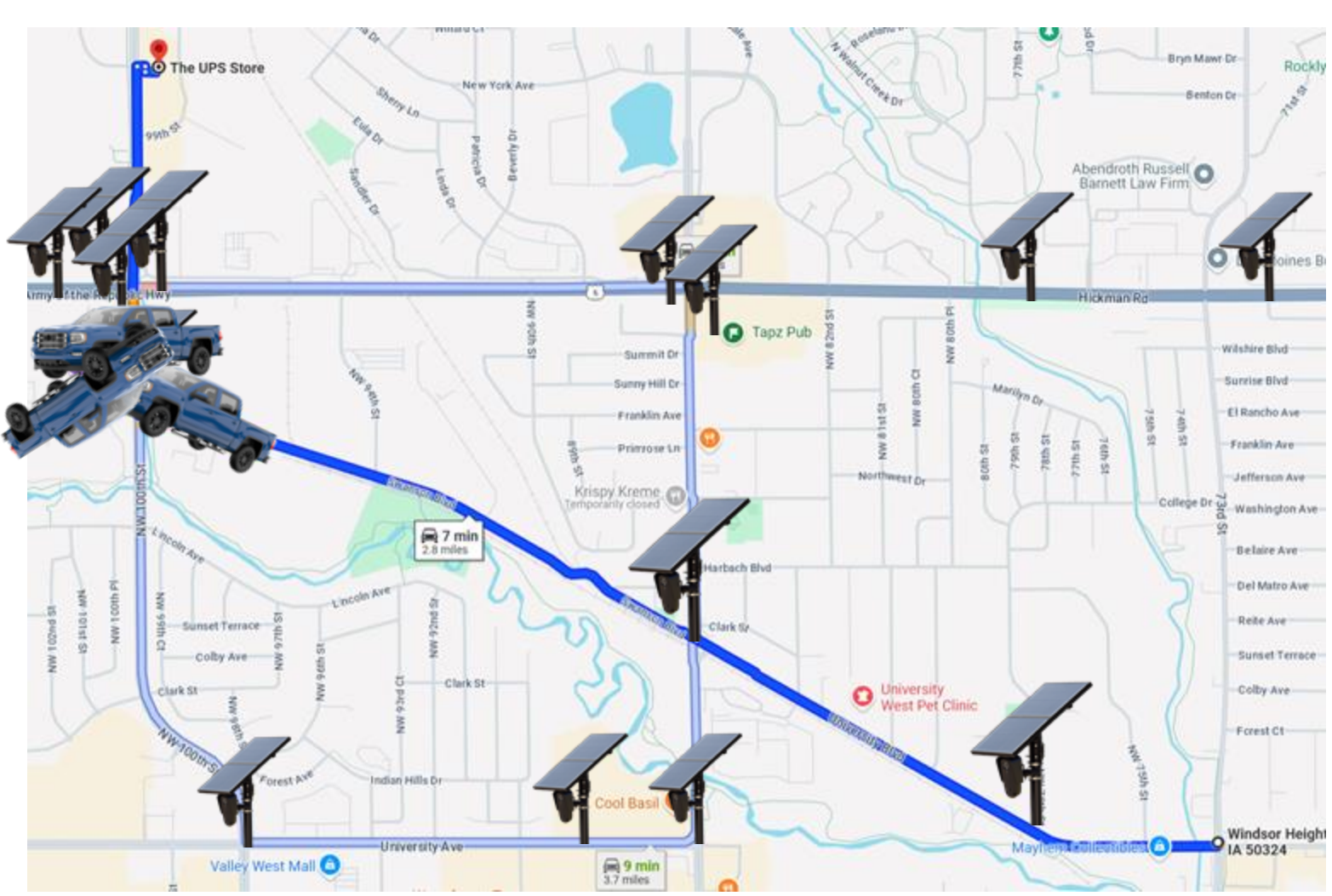


Equipment Replacements

- Camera replacement as a result of vandalism, theft, or damage | **\$800**
- Flock pole replacement as a result of vandalism, theft, or damage | **\$500**
- Advanced pole replacement as a result of vandalism, theft, or damage | **\$2,000**
- Technician visit for any other reason not listed above | **\$350**
- Solar panel replacement as a result of vandalism, theft, or damage | **\$350**

f'lock safety









45th President of the United States Donald J. Trump to Deliver Remarks in Clive, Iowa



Who were the people in pickup trucks?

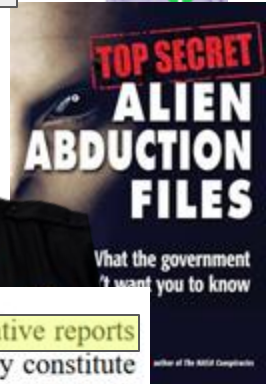
Cities own the data (photos, videos, plate info, etc.)

CHAPTER 22 EXAMINATION OF PUBLIC RECORDS (OPEN RECORDS)

No, they are
investigate reports and
intelligence data!



Can I have
the data?



As the City understands this request, the requested data qualifies as **investigative reports** from the Clive City Police Department and include **"intelligence data"** such that they constitute **"confidential records"** that are prohibited from disclosure pursuant to Iowa Code Sections 22.7(5) and (55) and Iowa Code Chapter 692. In accordance with Iowa Code Chapter 22 and Iowa Code Chapter 692, the City is only authorized to produce such information in response to a subpoena or court order or for other specified purposes as set forth in those chapters—none of which we believe are satisfied by your public records request.



“Intelligence data” means information on identifiable individuals compiled in an effort to anticipate, prevent, or monitor possible criminal activity

“Surveillance data” means information on individuals, pertaining to participation in organizations, groups, meetings or assemblies, where there are no reasonable grounds to suspect involvement or participation in criminal activity by any person

5. Peace officers' **investigative reports**, privileged records or information specified in **section 80G.2**, and specific portions of electronic mail and telephone billing records of law enforcement agencies if that information is part of an ongoing investigation, except where disclosure is authorized elsewhere in this Code. **However, the date, time, specific location, and immediate facts and circumstances surrounding a crime or incident shall not be kept confidential under this section.** except in those unusual circumstances where disclosure



the City, timestamp information, and still photos of every car that passes through each of the four locations in the camera's view. Of crucial note, at the time of the City's receipt of Mr. van Pelt's request, **there was no open investigation that encompassed the requested data.** While the purpose

External organizations with access
Addison IL PD, Adel IA PD, Adrian MI PD, Akron OH PD,
Altoona IA PD, Anderson IN PD, Ankeny IA PD, Anoka-
County MN SO, Armdale Park IA PD, AFB Nashville TN,
Atlanta GA PD, Avon IN PD, Baytown TX PD, Bettendorf
IA PD, Bloomfield MM PD, Bloomington IL PD, Blue Ash
OH PD, Blue Island IL PD, Blue Springs MO PD, Boulder
CO PD, Branson MO PD, Bremen IN PD, Bullitt County
KY SO, Burlington IA PD, Calhoun County AL SO,
Calumet Park IL PD, Camanche IA PD, Carpentersville IL
PD, Carter Lake IA PD, Champaign IL PD, Chatham IL PD,
Chicago IL PD, Cicero IL PD, Clay County MO SO, Clinton
Co IA Communications Center, Clinton IA PD, Clive IA
PD, Cobb County GA DA, Cobb County GA PD, Cobb
County GA SO, Collier County FL SO, Conon Rapids MI
PD, Coralville IA PD, Council Bluffs IA PD, Covespoint IA
PD, Dalton IL PD, Douglas County NE SO, Dubuque IA
PD, Dutchess County Office of Probation & Community
Corrections NY, East Moline IL PD, East Peoria IL PD,
Eden Prairie MN PD, El Dorado KS PD, Elizabethan TN
PD, Emporia KS PD, Evergreen Park IL PD, Excelsior
Springs MO PD, Flint MI PD, Fremont County IA SO,
Fridley MN PD, Fulshear TX PD, Fulton IL PD, Gladstone
MO PD, Glencoe AL PD, Glenwood IA PD, Grant County
WI SO, Greene County MO SO, Greenwood AR PD,
Hillsdale IL PD, Hopkins MN PD, Houston TX PD, IA -
Storm Lake PD, Illinois Statewide Auto Theft Taskforce,
Indiana Department of Corrections, Indianapolis
International Airport IN PD, Indianapolis IA PD, Irondale AL
PD, Johnston IA PD, Justice IL PD, Kansas City MO PD,
Kansas Highway Patrol, Kearney NE PD, Lansing IL PD,
Lee County IA SO, Linn County IA SO, Mahoning Twp PA
PD, Manchester MO PD, Marshall County IA SO,
Marshalltown IA PD, Maryland Heights MO PD,
Matteson IL PD, McHenry County Conservation District
IL PD, McHenry County IL SO, McHenry IL PD, Miami FL
PD, Milan IL PD, Minneapolis KS PD, Missouri
Department of Conservation, MOJC, Morris IL PD,
Mounds View MN PD, Muscatine IA PD, Nacogdoches
Co TX Criminal Taskforce Div, Navajo County AZ SO,
New Castle County DE PD, New Castle IN PD, New York
State Police NY, Newton IA PD, North Chicago IL PD,
North Liberty IA PD, North Platte NE PD, O'Fallon MO
PD, Oak Brook IL PD, Oak Lawn IL PD, Odessa MO PD,
Owensgo IL PD, Ottumwa IA PD, Overland Park KS PD,
Peoria IL PD, Peotone IL PD, Pleasant Hill IA PD, Polk
City IA PD, Polk County Conservation IA, Richard-
County SC SO, Richmond MO PD, Riv. WI DIT, Rock
County WI SO, Rosemont IL PD, Sarasota County FL SO,
Sarasota FL PD, Sarp County NE SO, Sauk Village IL PD,
Scott County IA SO, Sioux City IA PD, Skokie IL PD,
South Bend IN PD, South Chicago Heights IL PD, South
Sioux City NE PD, Springfield MO PD, St. Ann MO PD,
St. Charles County MO PD, St. Louis Metro MO PD, Ste.
Genevieve County MO SO, Sterling Heights MI PD,
Sunset Hills MO PD, Texas Financial Crimes Intelligence
Center, Titusville FL PD, Town & Country MO PD,
Ullyses KS PD, University of Iowa PD (IA), Urbandale IA
PD, US Postal Inspection Service [turned off], Villa Park
IL PD, Village of Homer Gann IL PD, Village of LaGrange
Park IL PD, Village of Lynwood IL PD, Village of
Manhattan IL PD, Village of Park Forest IL PD,
Warrenville IL PD, Waterloo IA PD, Waukegan IA PD,
Waukegan IL PD, Wayzata MN PD, West Chicago IL PD,
West Des Moines IA PD, West Hennepin MN Public
Safety Department, WI Department of Justice, Wichita
KS PD, Wood Dale IL PD, Woodbury County IA SO,
Woodstock IL PD, Zion IL PD

Iowa Code §692.8A Dissemination of intelligence data.

“[Police] shall not disseminate intelligence data, which has been received from the department or division or from any other source, outside the agency”

Iowa Code §692.9 Surveillance data prohibited.

“No surveillance data shall be placed in files or manual or automated data storage systems by the department or division or by any peace officer or criminal or juvenile justice agency.”



Is this secure?

- Limited regulation at the state level
- No required security standards
- PDs responsible for investigating violations

Re: Personnel Complaint, Flock Cameras

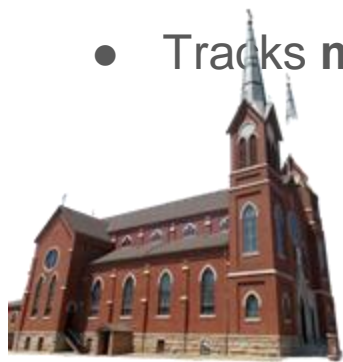
Dear Mr. van Pelt,

The Clive Police Department has received and investigated your concerns listed in your April 10, 2024, email to Lt. Herzog. Following such review, the Police Department determined there is no violation of Iowa law by the actions you cited therein. This matter is determined to be resolved.

As the City understands this request, some of the requested information and documents qualify as attorney-client privileged communications and/or “work product of an attorney, which are related to litigation or claim made by or against a public body,” which are prohibited from disclosure under Iowa Code section 22.7(4). The remaining documents in the City’s possession that are not within the above-described objection have previously been produced to you in response to your April 10, 2024 complaint. Those documents are produced herewith and marked as Exhibit E.

“I don’t even go here.”

- **Nationwide** network
- **No oversight** on security or data sharing
- Tracks **political** and **religious** gatherings
- Tracks **medical visits**, **retail store visits**, etc.



But it works!

- Anecdotal evidence
- No statistics are published
- No oversight
- How many scans per crime?

Is it worth it?

100 license plate reader cameras are live in SF. Mayor to criminals: 'You are going to be caught'

By [Luz Pena](#)
Wednesday, June 12, 2024

THE ALERT

ACSO Investigations put out an alert for Reed and the vehicle registered to him, and sure enough, a license plate reader led the Kansas Highway Patrol directly to Reed. They booked him into the Leavenworth Detention Center, and soon after, he was brought back to Alameda County on a fugitive, no-bail warrant and put in Santa Rita Jail. Officially charged with two counts of murder, Reed faces up to 50 years in prison.

When a [tragic hit-and-run](#) shook Las Vegas in 2019, Sighthound's ALPR+ system was crucial in turning the tide. With its advanced recognition algorithms, the system swiftly scanned through countless plates, identifying the perpetrator's vehicle from sparse details.

camps-iowa.org

- Write letters
- Donate
- Talk to local reps & officials



ELECTRONIC FRONTIER FOUNDATION



Thank you!

camps-iowa.org

- Write letters
- Donate
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ELECTRONIC FRONTIER FOUNDATION

