



Newark Police Department

June 9, 2022



Peregrine Technologies
Visualization Platform &
Flock Safety ALPR Cameras



Peregrine/Flock

Newark Police Department

Presentation Overview:

- Peregrine Technology Visualization Platform
 - What is it?
 - How it works?
 - Who is using it?
- Flock Safety ALPR
 - How it works?
 - Privacy protection
 - Proposed locations



Peregrine

01

Based in
San
Francisco

02

Data
integration
of
all data
assets

03

Analytics
enabling and
operationally
proven
product

04

Problem
Solving

05

Security and
trust
as a first-order
priority



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Privacy, Civil Liberties, & Security as a First-order Priority

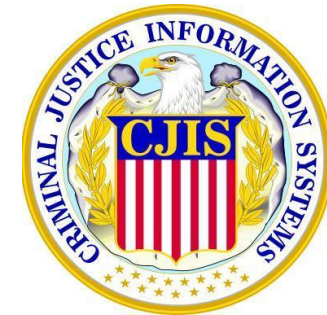
Granular data
security, access,
and usage controls



Robust
auditability and
logging of user
actions



Fully CJIS
compliant





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Peregrine Technologies empowers organizations to make data-driven decisions in real time



A tool for everyone in the department



Developed in tandem with law enforcement professionals



Helping Bay Area communities today



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Peregrine will integrate the Newark Police Department's CAD, RMS, ALPR, and GIS data into a modern data platform



Siloed Data



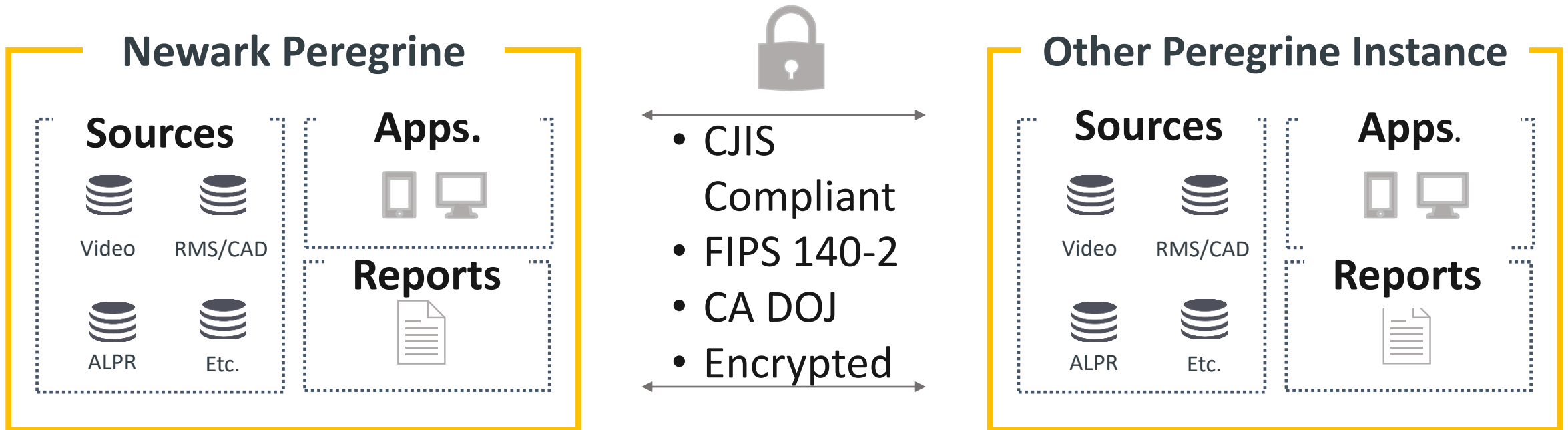
Integrated Platform



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Peregrine enables secure data sharing between Newark Police Department and neighboring agencies (e.g., Fremont)





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Peregrine has partnered with numerous law enforcement organizations to help address some of their largest problems





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Peregrine features and capabilities



Search &
Information
Retrieval



Exploration,
Visualization, &
Reporting Tools



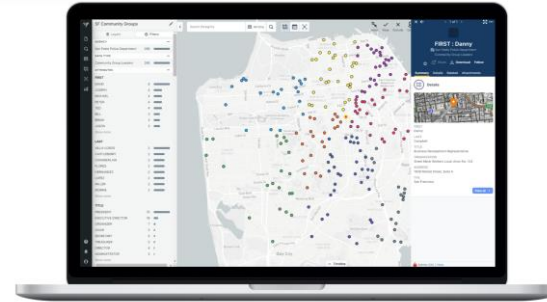
Data Modeling &
Network Analysis



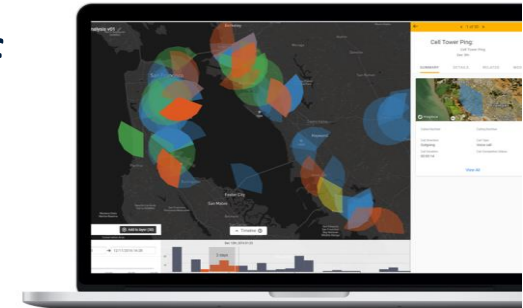
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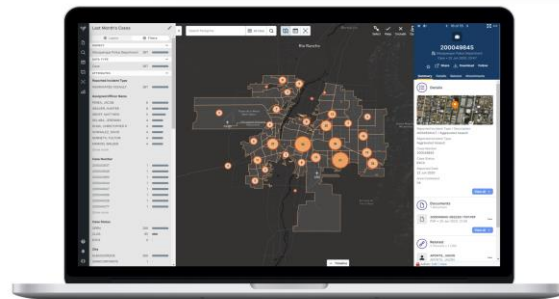
Command Staff –
Bridge communication gaps with key stakeholders



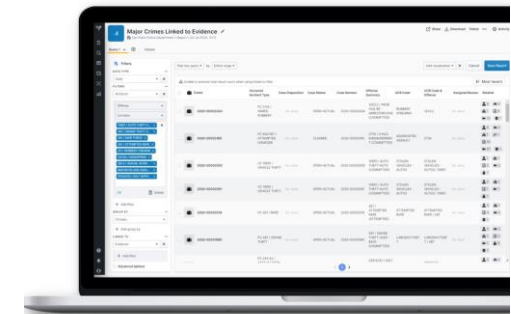
Investigators –
Enhance each step of the investigative process



Patrol Officer –
Leverage actionable insights in the field



Analysts – Turn fragmented data into intelligent insights



flock safety

DETECT. DECODE. DELIVER

ETHICAL TECHNOLOGY TO
HELP REDUCE CRIME IN OUR
COMMUNITY

FIND OUT MORE AT
www.flocksafety.com



Newark, CA
Police Department



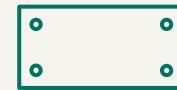
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How does the tech work?

Objective, real-time and investigative leads

- Vehicle details and a license plate
- Indiscriminate evidence from fixed locations
- No people, no facial recognition, no traffic enforcement



Plate

TX LGS2639



Make

Toyota



Color

Gray



Last

Visit

3:15 PM EDT



Seen

3 OF 30 DAYS



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How does the technology prevent and eliminate crime?

- **Proactive:** Real Time Alerts when Stolen or Wanted Vehicles enter the City
- **Investigative:** As cases are solved, crime rates decrease
- Flock cameras act as a deterrent



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What is this tech?

- License plate recognition
- Gathers objective evidence and facts about vehicles, not people
- Alerts police of wanted vehicles
- Used to solve crime
- Adheres to all state laws

What ISN'T this tech?

- Not facial recognition
- Not tied to Personally Identifiable Information (PII)
- Not used for traffic enforcement



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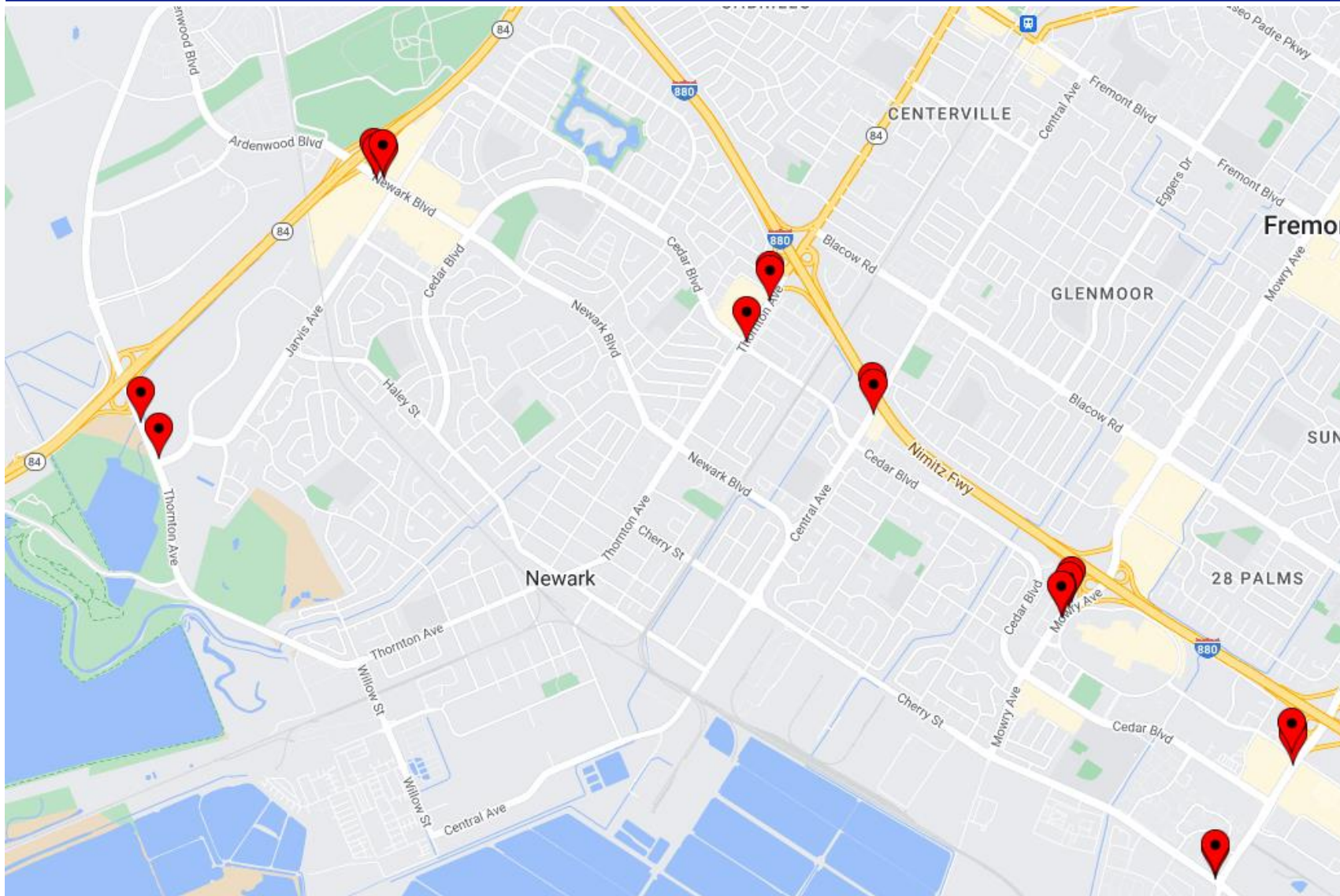
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Protecting Privacy: ethics-driven innovation

- Footage owned by Agency/City and will never be sold or shared by Flock
- 30 day data retention
- Takes human bias out of crime-solving by detecting objective data, and detecting events that are objectively illegal (ex. Stolen vehicles)
- All data is stored securely in the AWS Government Cloud
- Search reason is required for audit trail
- NOT facial recognition software
- NOT used for traffic enforcement
- End to End Encryption of all Data
- NO PII is contained in Flock
- Not connected to registration data or 3rd party databases (Carfax, DMV)



Proposed Camera Placement





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Case Study: Morgan Hill PD's Immediate ROI

- 2.5 Month Update: 51 Stolen Vehicles Recovered and 66 Arrests
- Within 2 weeks, they recovered 9 stolen vehicles
- Occupants had shaved keys, burglary tools, catalytic converters, warrants
- **Every suspect was from outside of Morgan Hill**
- Locating these vehicles prevented the crimes that they came to Morgan Hill to commit





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Case Study: San Bruno PD Smash & Grab Robbery

- Jan 2022 - 5 suspects attempt a robbery at a Jewelry store but are chased off by the owner
- **Here's what didn't make the news...**
- Suspect vehicle identified using Flock
- SBPD thought the suspects would try again
- Vehicle placed on a custom hotlist
- SBPD received a real time alert that suspects returned
- Officers locate the vehicle within seconds preventing another attempt





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Case Study: Chamblee PD (Georgia) Amber Alert

- **When every second matters**
- Stranger Abduction August 28, 2020
- 12:33 PM Amber Alert Issued
- 1:01 PM Search Conducted with Flock Safety
- 2:30 PM Suspect Vehicle Located
- 5:03 PM Felony Stop + Arrest
- 6:00 PM Baby Reunited with Mother





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Recommendation:

It is recommended that the City Council, by resolution, authorize the City Manager, or designee, to enter into two separate complementary subscription service agreements with technology vendors Peregrine Technologies and Flock Safety. A sole source subscription agreement with Peregrine Technologies in the amount of \$300,000 payable in three annual payments of \$100,000 and a separate sole source subscription agreement with Flock Safety in the amount of \$164,500, payable in the amount of \$112,000 for years one and two, plus \$52,500 for year three.



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Questions?