

# About Flock Safety

## Frequently Asked Questions

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### WHAT IS LPR?

License Plate Readers (LPR) have long helped law enforcement solve crimes. LPRs capture computer-readable images of license plates, allowing law enforcement agencies to compare plate numbers against those of stolen cars or cars driven by people suspected of being involved in criminal activities.

The information by LPR cameras can help determine whether a vehicle was at the crime scene and discover cars that may be associated with each other. Law enforcement agencies can choose to share their information with other agencies. The cameras can also integrate data from national or state crime databases to provide realtime alerts when a vehicle associated with a known suspect or a stolen vehicle passes the camera.

According to the National Conference of State Legislatures, when employed ethically and objectively, LPRs are an effective force-multiplying tool for law enforcement. A 2011 study by the Police Executive Research Forum concluded that LPRs used by Mesa, Ariz., Police resulted in “nearly three times as many ‘hits’ for stolen vehicles, and twice as many vehicle recoveries.”

A comprehensive study conducted with oversight from independent criminology research experts found a clear correlation between Flock technology and increased case clearance rates.

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### WHAT IS FLOCK SAFETY?

Flock Safety is an all-in-one technology solution to eliminate crime and keep your community safe. Our intelligent platform combines the power of communities at scale – including cities, businesses, schools, and law enforcement agencies – to shape a safer future together.

Our full-service, maintenance-free technology solution is trusted by more than 5,000 communities across the country to help solve and deter crime in the pursuit of safer communities for everyone. Visit [www.flocksafety.com](http://www.flocksafety.com) for more info.



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## WHO DOES FLOCK SAFETY SERVE?

Flock Safety serves HOAs, neighborhood associations, businesses, law enforcement agencies, schools, cities, counties, and states to provide them with the tools they need to increase the effectiveness of their public safety efforts, target crime efficiently and objectively, and help provide the information police need to stop crime.

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## WHERE IS FLOCK SAFETY LOCATED?

There are thousands of Flock Safety communities across the U.S. We can service customers almost anywhere across the U.S. with our local teams strategically located in cities across the country. Flock Safety is headquartered in Atlanta and has over 700 employees across the U.S.

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## WHAT IS THE FLOCK SAFETY FALCON®?

The Flock Safety Falcon® is a solar-powered, motion-activated, and infrastructure-free camera that leverages Flock's proprietary Vehicle Fingerprint® technology to identify and take a snapshot of the critical details of a vehicle that passes by it.

The Flock Safety Falcon® captures the make, vehicle type, color, license plate (full, partial, or missing), state of the license plate, and the vehicle's unique features, including damage and after-market alterations.

They are connected to the cloud through LTE, like a mobile phone, and perform 24/7 in any weather.

Flock Safety LPR cameras leverage the FBI's National Crime Information Center (NCIC) federal and state hotlist, which are updated at least every 24 hours, to send real-time alerts to nearby law enforcement officers when a wanted or stolen vehicle is detected. Officers can then verify that information with their dispatch to safely make arrests and recover stolen property.

They also integrate with the National Center for Missing and Exploited Children's AMBER Alert database to help locate missing individuals, and can be used in the event of a Silver Alert in the same capacity.





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### WHAT MAKES FLOCK SAFETY LPR UNIQUE?

While traditional automated license plate reading (LPR) cameras are an effective crimefighting option, they are also extremely expensive. The \$10,000-\$40,000 price tag is unrealistic for many of Flock Safety's customers.

As a more affordable option, Flock Safety cameras employ best-in-class LPR and machine learning technology. Flock cameras have an intentionally short shutter speed, which allows the camera to start taking pictures in less than a tenth of a second following vehicle motion sensing and to capture multiple frames of a car traveling up to 75 MPH.

The camera's infrared captures highly-accurate, clear images day or night. The machine learning allows the camera to capture vehicle information beyond the license plate — valuable evidence like vehicle make, type, color, and unusual characteristics.

Additionally, Flock Safety LPR is infrastructure-free, powered by solar and connected through LTE. The flat annual fee covers installation, maintenance, data, security, and customer service.

Lastly, Flock Safety is in the top echelon of the industry for privacy, transparency, and security. Flock Safety data will never be shared without permission, sold to third parties, or used for unpaid fines, unauthorized viewing outside of a legitimate crime-related event, or kept in a library. The footage is fully encrypted and stored in the cloud. All footage is deleted after 30 days on a rolling basis, unless a democratically-elected governing body or official legislates a different retention period.

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### HOW DOES FLOCK SAFETY'S LPR HELP PROMOTE TRANSPARENCY AND OBJECTIVITY IN POLICING?

Flock Safety technology is purpose-built to remove human bias from crime-solving. The LPR cameras and machine learning technology are engineered to capture vehicle characteristics, types, and license plates, which are then checked against state and federal records to ensure accuracy and minimize errors.

The LPR cameras take still images of cars passing through the lens (not video) and cannot follow or track vehicles once they leave the camera's view.

Flock Safety DOES NOT record names, phone numbers, or addresses and doesn't mark specific locations where people have been. There is no capability in the system to mark or annotate the locations of passersby.

Finally, Flock Safety is built to enable and encourage transparency, with several features that create robust audit capability. Both private and law enforcement customers must enter a reason for each search made through the Flock Safety system. That search history can be easily displayed for a community or law enforcement leadership to see what the Flock system has been used for.





Flock Safety has also created the first free, optional LPR Transparency Portal to serve as a hub for a police agency's LPR usage, data retention, and search policies. Any law enforcement customer can access the LPR Transparency Portal.

Flock Safety is committed to building technology, tools, and a team that treats all people equitably, regardless of race, ethnicity, class, background, and orientation. We believe that everyone has a right to public safety.

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#### WHAT IS THE FLOCK SAFETY RAVEN® AUDIO SENSOR?

The Flock Safety Raven® is an audio detection device that pairs with the Flock Safety Falcon® LPR camera for law enforcement who want to decrease response times and increase case clearance.

Unlike single-point gunshot detection and traditional LPR, which segment evidence into silos, the Flock Safety Raven® recognizes the sound of gunshots, immediately calls 911, and consolidates actionable LPR and audio evidence into one streamlined system so first responders can save lives and collect crucial evidence that solves crime.

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#### HOW DOES THE FLOCK SAFETY RAVEN® WORK?

The Flock Safety Raven® provides law enforcement agencies an affordable, infrastructure-light option for gunshot detection. It wakes when it detects a gunshot and is connected to a Flock Safety Falcon® LPR camera, activating the camera when it detects a crime in progress to capture the vehicle(s) on scene, and helping police build a more robust case.

The Flock Safety Raven® is solar and LTE-powered and can be deployed to mirror the structure of your community.

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#### DOES THE FLOCK SAFETY RAVEN® CAPTURE PERSONAL INFORMATION?

No. The Flock Safety Raven® is intended to capture loud sounds indicative of a crime in progress, not human voices or conversations. The audio clip is only a few seconds long, not long enough for any meaningful portion of identifiable audio to be captured. Sounds and data collected by the Flock Safety Raven® are subject to the same privacy and security standards as that of Flock Safety LPR devices.