VehicleManager

Transform license plates into leads

MOTOROLA *SOLUTIONS*
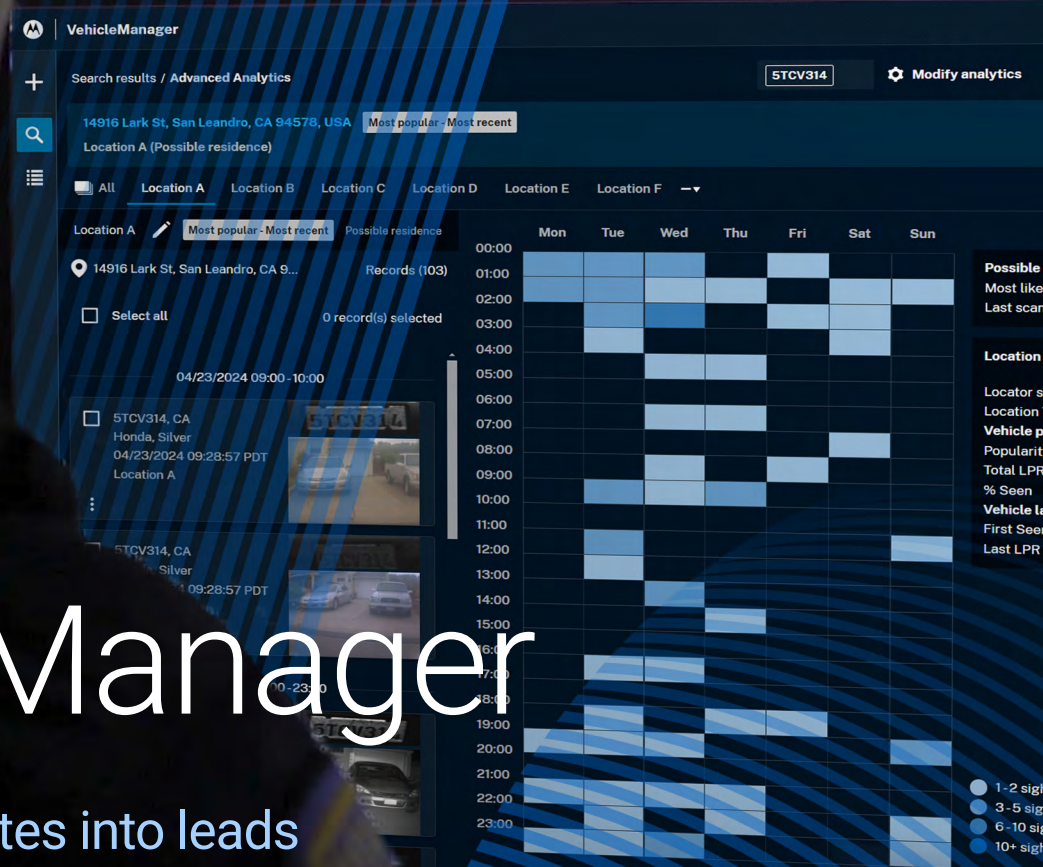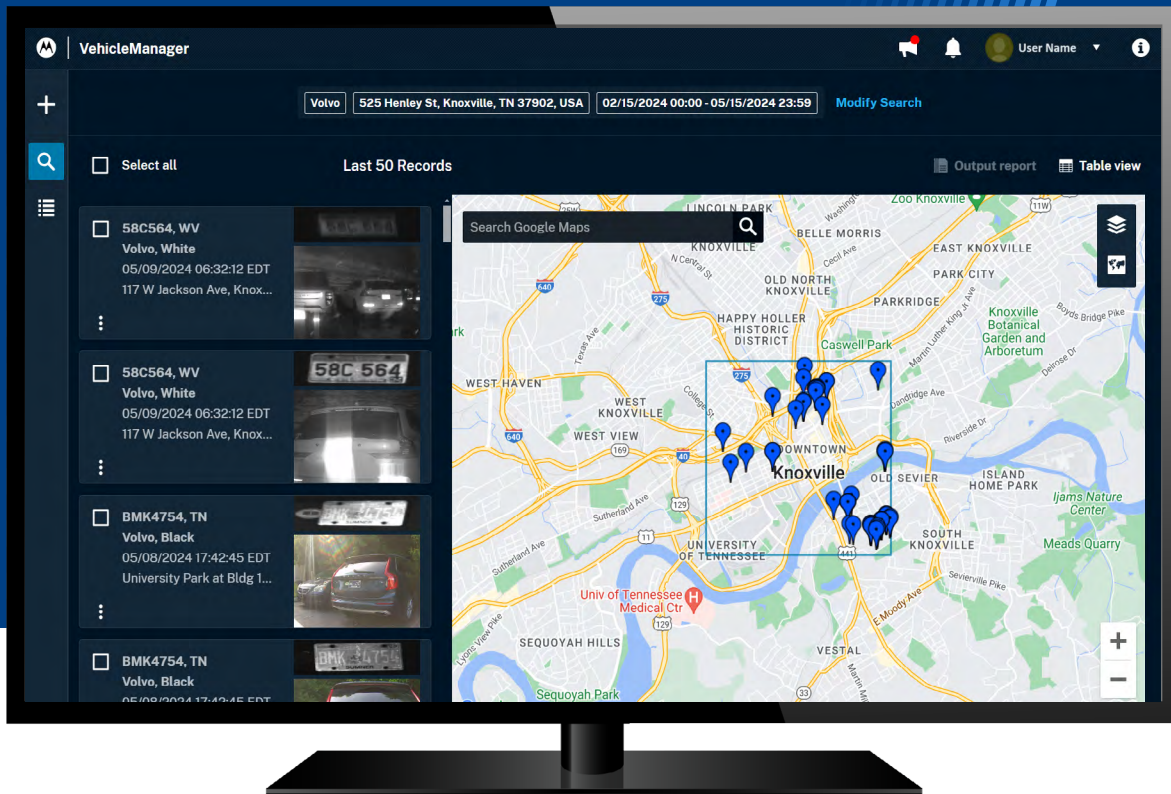
Data is cumbersome. Intelligence is actionable.

License plate recognition (LPR) data alone solves nothing. It is only with analysis that it can reveal patterns, trends and associations which generate leads and close cases.

Take your agency beyond simple license plate searches and hot list alerts in order to find vehicles of interest faster. VehicleManager is a vehicle location intelligence solution that builds upon the basics of license plate recognition with patented, powerful analytics which help your team instantly transform license plate recognition data into actionable intelligence.

Find the needle in a haystack

Easily search for, find and review the location history of a vehicle of interest and determine where it may be located in the future.

Discover new vehicle leads

Jumpstart your investigation by identifying vehicles you may not have known were connected to each other or specific locations.

Heighten your awareness

Configure and share hot lists and alerts for vehicles of interest to your team. Receive alerts and access tools anywhere.

Find the needle in the haystack

Easily search for, find and review the location history of a vehicle of interest and determine where it may be located in the future. VehicleManager provides complete and partial plate search capabilities with date and time filters to focus on detections that are most relevant. Detection data is intuitively displayed in a timeline view as well as on a map with integrated Google Street View. And when you're ready to intercept your vehicle of interest, VehicleManager provides a best-address location and time-of-day, day-of-week heat map to determine when the vehicle is most likely to be there.

Find a suspect on the run

By utilizing advanced analytics you can use historical vehicle location data to determine potential locations they might be hiding out and when to intercept them.

Confirm a hit & run vehicle

Even with a partial plate, run a search for a vehicle. Results include a full vehicle image that can be used to verify with a witness a vehicle they saw involved in the hit and run.

Expedite your analysis

For CommandCentral Records users, when a vehicle is added to an incident report, an indicator will appear if detections exist and allow you to open up a plate search result with one click.
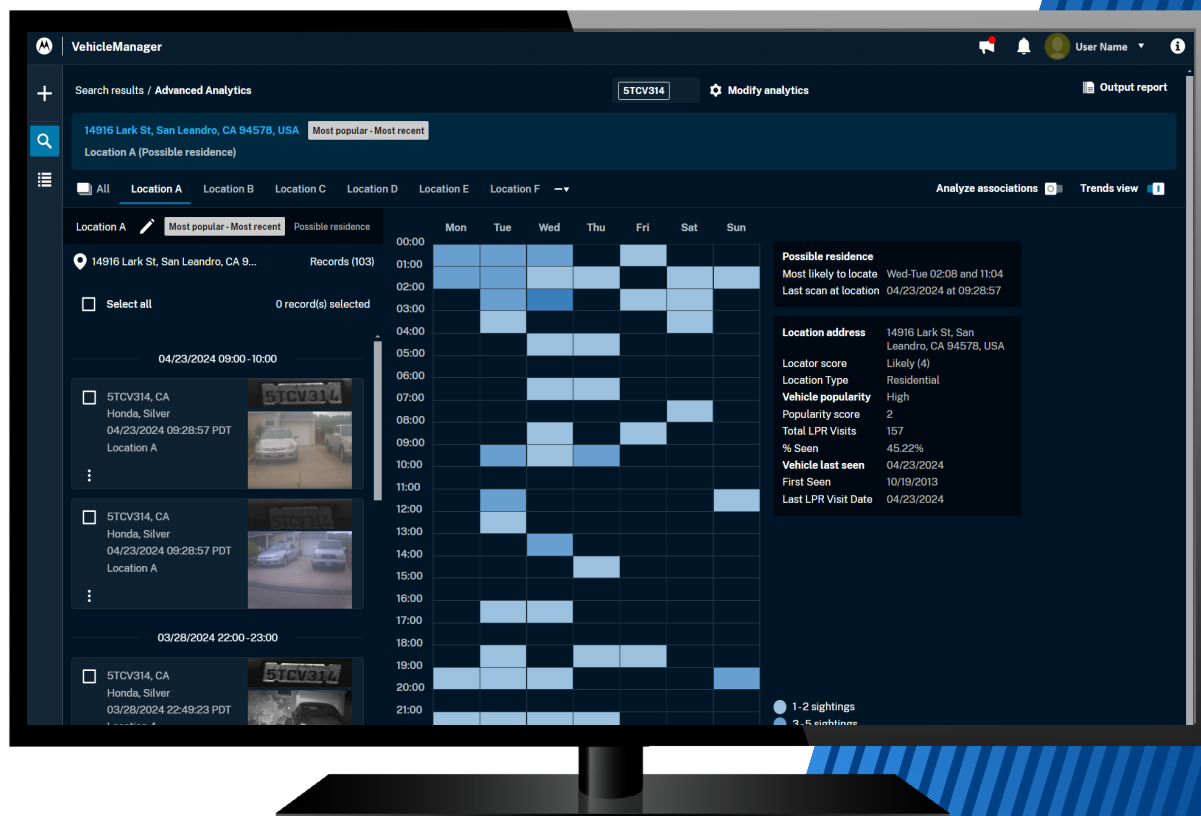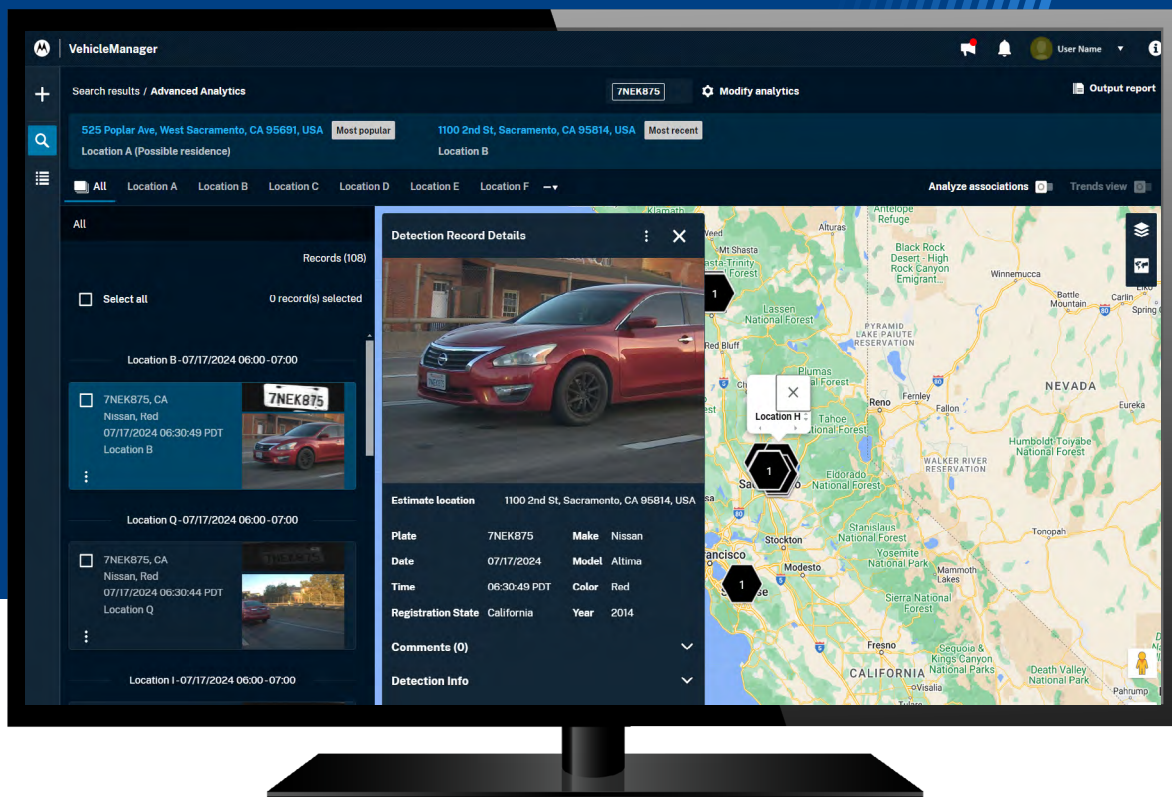
Discover new vehicle leads

Jumpstart your investigation by identifying vehicles you may not have known were connected to each other or specific locations. Our location-based, searching capabilities allow you to create a geo-fence, set a time and date range and even apply vehicle year, make, model and color filters to find a vehicle that has frequented a specific area. Even search across locations to find a vehicle common to multiple areas. Looking for multiple vehicles? Once you've identified your vehicle of interest, use advanced analytics to determine others which have been sighted parked near or traveling with your target vehicle.

Stop burglary series

Common plate analysis can help you generate a suspect lead by identifying a vehicle which has been previously sighted at the various locations of a series of burglaries.

Combat drug trafficking

Using convoy analysis, easily identify vehicles travelling together as part of a trafficking convoy so you can generate new leads, establish connections and build a stronger case.
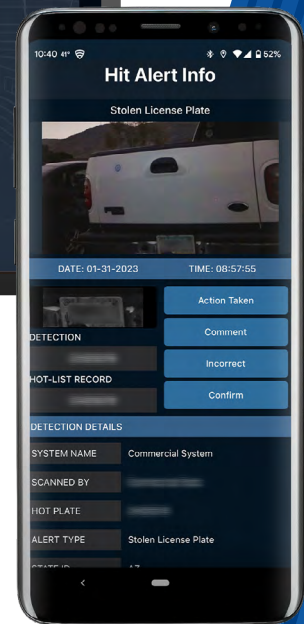
Disrupt a car theft ring

Leveraging associate analysis, identify vehicles who have been seen together so you can verify a potential accomplice and getaway car used during a string of vehicle thefts.
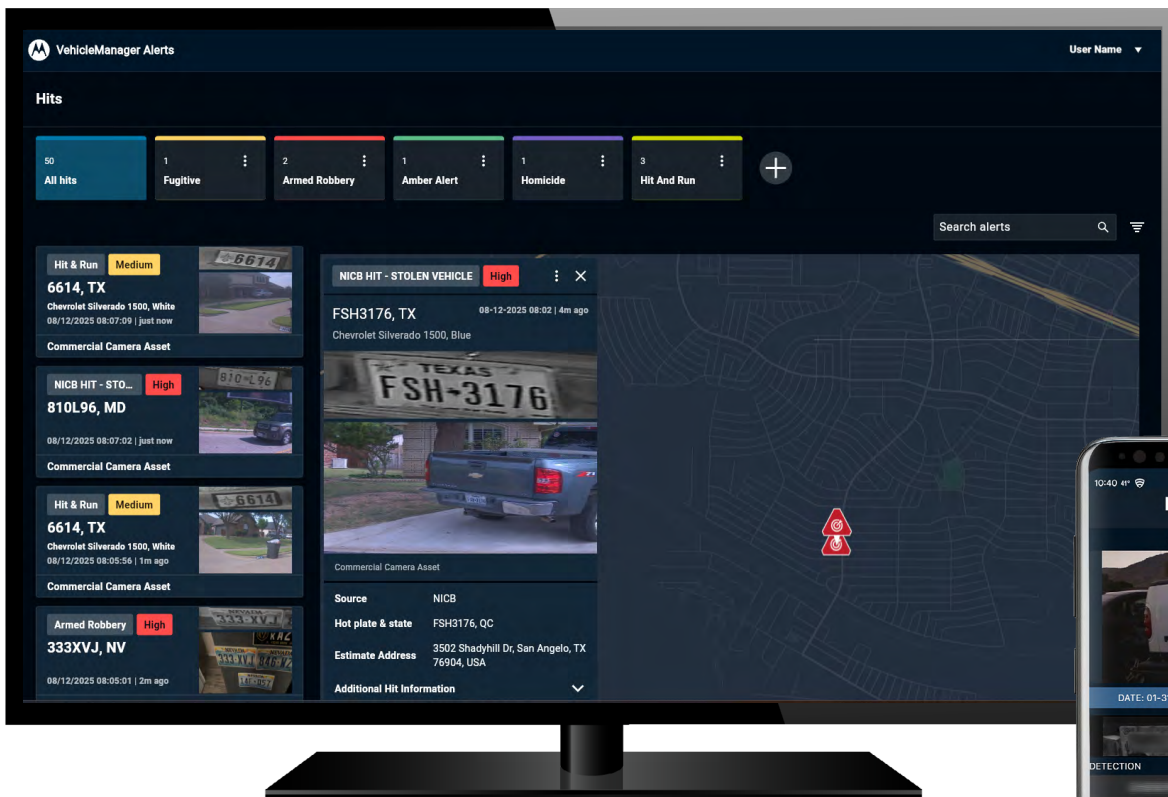
VehicleManager Alerts

Mobile
Companion App

Heighten your awareness

Configure hot lists and alerts for vehicles of interest to your agency and partner agencies. Hot list creation can be done at the individual, group or agency level with provisions for who has access. To enhance collaboration with law enforcement partners, you can also share and subscribe to hot lists. To receive alerts when a hot listed vehicle is detected, you have various options at your disposal.

- Officers on patrol can receive alerts on their in-car LPR software or on their smartphone with push notifications from Mobile Companion.

- Dispatch can use our dedicated web-based interface, VehicleManager Alerts, to receive alerts and send units to respond.

- Detectives and command staff can receive alerts via text or email or also download Mobile Companion for push notifications.

- Real-time crime center analysts with CommandCentral Aware can receive alerts on their map and incident monitor.

Receive an alert and want to do some additional investigation? VehicleManager is cloud-based and available on desktop or mobile meaning that it can be accessed from anywhere you have an internet connection and through any device.

Control your systems & data

Beyond advanced search, analysis and alerting, VehicleManager is designed to keep you in complete control of your systems and data. Manage your Motorola Solutions LPR camera systems as well as integrate LPR data from other systems all in one place. Additionally, choose how long your data is retained based on your local law and regulations - not our rules. Lastly, our easy data sharing capabilities, with built-in memorandum of understanding (MOU) templates enables you to better collaborate with other law enforcement agencies as well as local business partners.

Camera network
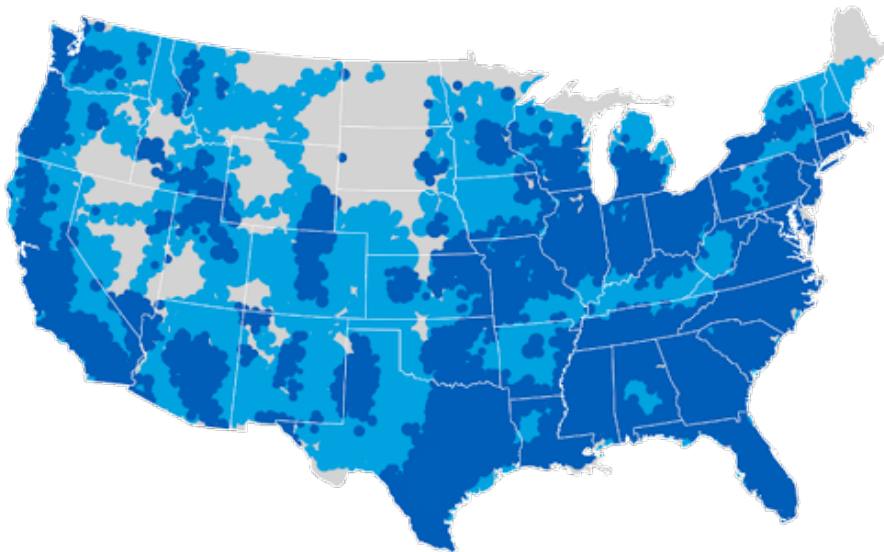Collect detection data from any LPR camera systems.

Data retention
Set retention rules based on what works for you - not us.

Data sharing
"Grow" your network with business partners.

3,734+
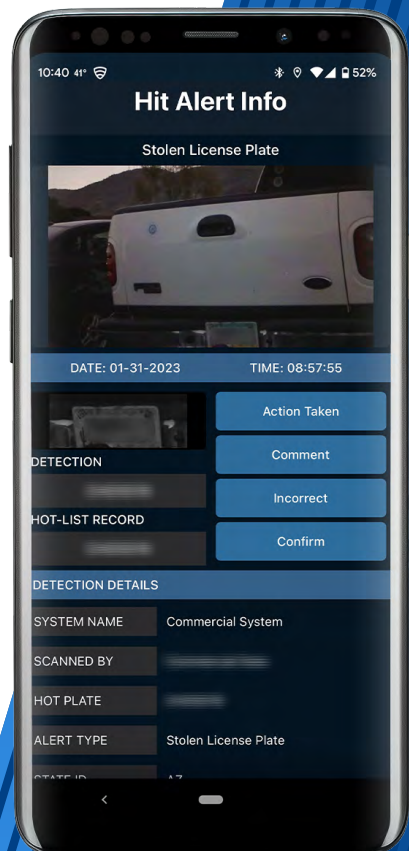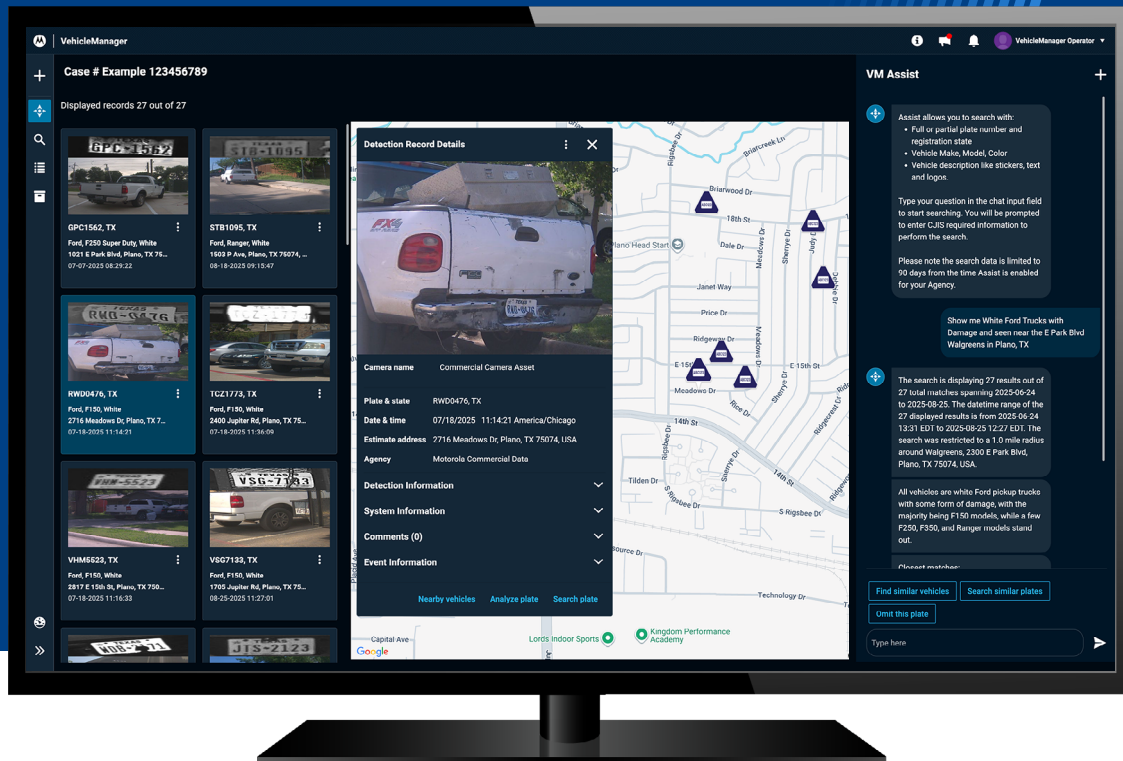agencies and business partners capable of data sharing

100.1M+
daily detections from agency and business partners

8500K+
daily hot list alerts initiated for vehicles of interest

Not ready to build your own LPR camera network? Start with just Mobile Companion for LPR data capture from any Android or iOS device or even just subscribe to VehicleManager and access shared data from other law enforcement agencies and businesses.

Hit Alert Info
Stolen License Plate
DATE: 01-31-2023   TIME: 08:57:55
Action Taken
Comment
DETECTION
Incorrect
HOT-LIST RECORD
Confirm
DETECTION DETAILS
SYSTEM NAME   Commercial System
SCANNED BY
HOT PLATE
ALERT TYPE   Stolen License Plate

Streamline investigations with Assist AI ◆

Streamline your vehicle investigations and find critical information faster with Assist in VehicleManager. This AI-powered tool enhances traditional search methods with natural language search.

Simply type a description of the desired vehicle (e.g., "Gray Chevy Tahoe seen this morning" or "pickup truck with a ladder rack") into the intuitive Assist panel. The conversational interface helps iteratively refine the search with additional details, speeding up the process of locating vehicles of interest - even without a license plate.

Assist in VehicleManager operates exclusively and securely on your agency's data within VehicleManager, and all queries are fully auditable for transparency.

No license plate? No problem.
Find vehicles without a license plate. Just describe the vehicle of interest in natural language - make, model, color - and Assist will find (and map) matching images.

But don't stop there...
Assist AI recognizes additional aspects of the vehicle - like accessories, damage, and promotional writing or bumper stickers - to help narrow your search.

Focus your search with geoboundaries
If you're focused on a particular geographic region, simply draw the boundary on the map. This narrows the search results to just vehicles spotted in that area.

Vehicle environment context
Assist AI recognizes the vehicle's surroundings. If you're looking for a vehicle spotted on a highway or near a park, you can further refine the results.
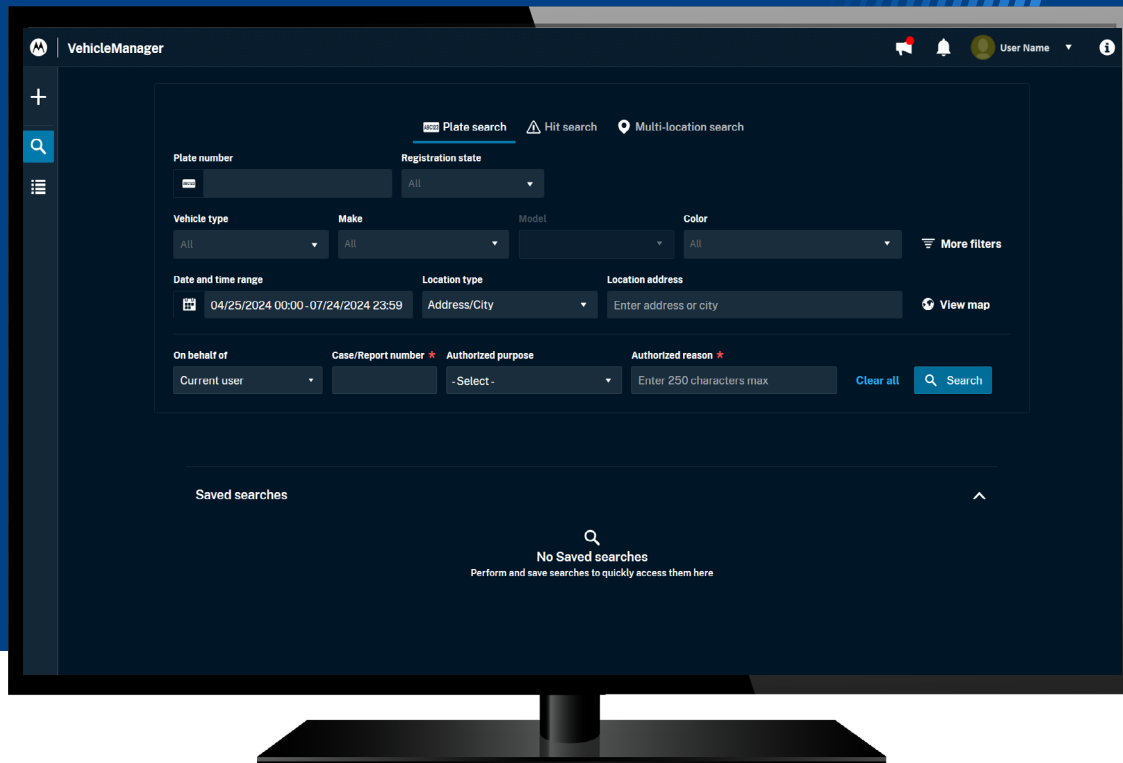
Designed for responsible use

License plate recognition is not a trivial technology. That's why we take security seriously. VehicleManager is designed to work seamlessly with our camera systems to provide data protection and integrity with end-to-end encryption and hashing. Access to your system requires authentication from a secure web-browser and you can provision users and groups to only have access to certain features or capabilities. Within the system, every keystroke and user action is recorded, with additional usage justification requirements for certain functionality, so that detailed audits can be conducted and accountability is never compromised.

A part of having a secure system is making sure that you're staying up to date. That is why we routinely deliver system updates to you that not only keep you secure, but bring you our best, most powerful new features as soon as they are ready. Software updates for VehicleManager occur automatically and almost always include advance notification with information on enhancements.

Expert training & 24/7 support

Becoming an LPR power user doesn't happen overnight. That is why our training team offers on-site, virtual and on-demand training for our entire portfolio. You can even access training if you're not a customer to see if our solutions are right for you. Our training team is all former users who been in investigative law enforcement positions. With a broad variety of experiences as officers, detectives and analysts, they'll even provide assistance on specific cases if needed.

And while we hope you never need it, our support team is always available to help. Call or email and our technicians will work with you to troubleshoot and fix any issues with your system. If you have a faulty camera or need a license key, we also have online forms available to expedite the return authorization process or license key lookup.

# Build a safer city with license plate recognition

To do license plate recognition well, you need the right tools for the job. We provide the most flexibility and options for capturing license plate data with fixed, mobile, trailer and quick-deploy camera systems, video-based integration and even mobile apps. All of these are equipped with our in-house developed, industry-leading LPR algorithm that is relied upon by law enforcement agencies world-wide.

Beyond ensuring you can collect the data you need, our suite of software solutions, including VehicleManager, combines robust hot list management and alerting options with patented, powerful search and data analytics to equip your team with the insights they need to close more cases, faster.

Our software also keeps you in complete control of your data and systems with camera management, agency-defined data retention and broad data sharing options with built in memorandum of understanding (MOU) templates for you and your partners.

Lastly, to ensure your program is most successful, your solution is backed by a team who has built our license plate recognition portfolio to be secure and designed for responsible use from the ground up. You also have access to 24/7 support and free in-person, on-demand and virtual training from our expert trainers, all of whom were former users and want nothing more than to help you succeed.
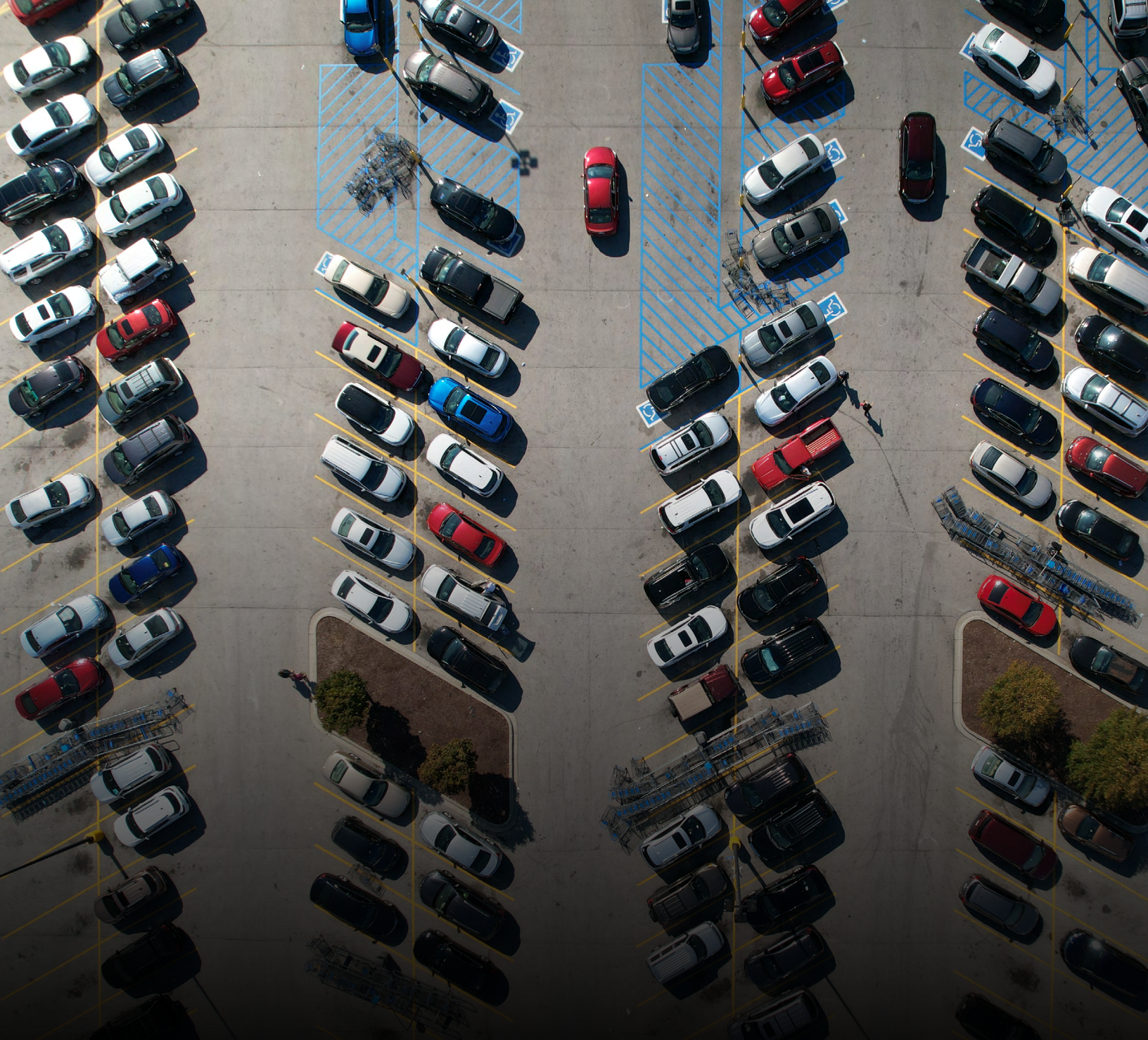
To learn more, visit:
www.motorolasolutions.com/vehiclemanager

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