

ELSAG® ALPR HARDWARE & SOFTWARE PRODUCTS

ELSAG ALPR HARDWARE PRODUCTS



MOBILE PLATE HUNTER®

- Uses neural networks for all stages of processing for improved capture rates and more accurate OCR than previous models
- Captures data for each plate read: black and white and color photo of the license plate, vehicle, make, type, and color, date/time stamps, camera identifier
- Compares each plate number to hotlists to identify suspect vehicles and to whitelists to validate permits
- Alerts officers in real time if a suspect vehicle is identified
- License plate data is managed by the ELSAG Enterprise Operations Center (ELSAG EOC) for query and analysis, to aid investigations
- Low power consumption



FIXED PLATE HUNTER

- Mounts to structures such as poles and gantries, reading plates up to 115 feet (35m) away, day and night, in any weather
- Captures data for each plate read: black and white and color photo of the license plate, vehicle, make, type, and color, date/time stamps, camera identifier
- Compares each plate number to hotlists to identify suspect vehicles and to whitelists to validate permits
- Captured data is managed by the ELSAG EOC for future investigative analysis and auditing
- Internal storage allows for data buffering and retention in the event of a network outage
- Featuring Power over Ethernet technology



STREET SENTRY™

- Easy and economical to deploy for agencies of all sizes
- Autonomous solution that reads and processes license plates 24/7 to identify suspect vehicles
- Force multiplier that allows law enforcement to find vehicles faster and close cases quicker
- Flexible installation options offered by solar power
- Seamlessly integrates with your existing ELSAG ALPR ecosystem (fixed, mobile and custom)
- Sustainably powered to support green initiatives
- The ALPR data collected is owned by your agency and is managed by the ELSAG Enterprise Operations Center for query and analysis to aid investigations

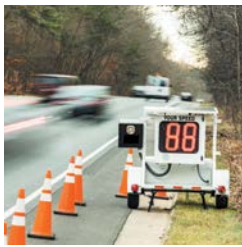


PLATE HUNTER RADAR AND VARIABLE MESSAGE BOARD TRAILERS

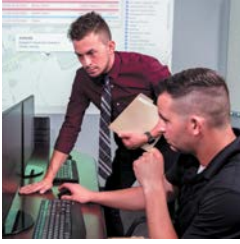
- Get the benefits of speed monitoring or variable messaging and ALPR in one solution
- Radar or variable message board trailers are configured with powerful ALPR
- Captured data and alarms are sent to the ELSAG Enterprise Operations Center and/or to nearby officers for real-time interdiction
- Data management configurations can allow for personnel to receive messages via email about plates that have been read by the system



PLATE HUNTER CUSTOM SOLUTIONS

- Fixed and mobile ALPR systems are easily concealed in common products
- Our portfolio includes: barrel cameras, toolboxes for pickup trucks, rooftop cargo carriers, pole cameras, radar trailers, and variable message boards
- Each solution houses all components needed for full performance and accuracy—cameras, sensor, processing unit, independent power source
- Each solution is designed to be transportable

ELSAG ALPR SOFTWARE PRODUCTS



ENTERPRISE OPERATIONS CENTER

- Central server system software for management, storage and analysis of ALPR data
- Manages mobile, fixed and custom ALPR camera hardware configurations
- Enhanced features for data security, access and auditing
- Uploads and archives read and alarm data coming from all mobile and fixed cameras
- Manages the distribution of the plate databases, or hotlists and whitelists, to ALPR units
- Includes a website giving authorized users remote access to data
- Includes analytical tools like convoy and cross-search
- Robust API available for customer use



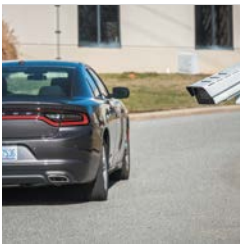
EOC PLUS

- Identifies suspects via the electronic devices they use such as mobile phone WiFi and Bluetooth, and fitness trackers
- Correlates devices that frequently travel together to each other, and to license plates
- Allows law enforcement to recognize a specific vehicle by electronic fingerprint even if the license plate is removed or changed
- Enhances discovery of gang, trafficking and convoy patterns
- Stores data on the EOC server where it can be queried and analyzed to aid investigations
- The system does not decrypt or store any message or device content, just the information identifying the device
- Increase sensor density at lower cost by deploying EOC Plus at sites with and without LPR



CARSYSTEM

- Monitors the activity of vehicle mounted ALPR cameras connected to onboard MDTs
- Gives users a view of the license plate being read, the alarms generated when compared to a hotlist, and pending alarms
- Enhanced reporting at the vehicle level, including system health
- Intuitive user interface with mapping
- Hotlist flexibility with references and notes field for capturing real-time information
- Image zoom capabilities
- Robust API available for third party integration



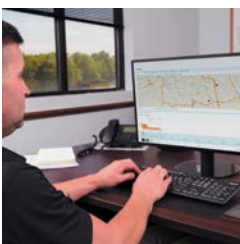
VIDEO PLATE HUNTER™ 900

- ALPR software integrates with select IP video cameras
- Identifies license plate numbers, vehicle make, type, and color, records date and time stamps, and captures video to identify suspect vehicles quickly and aid investigations
- Ideal for perimeter security of buildings and campuses such as universities, casinos, hotels, government compounds and any other critical areas or infrastructure
- Effectively aids parking management of lots and garages by automating permit validation
- Allows law enforcement agencies of any size to start or expand an ALPR program
- Leonardo can supply the most appropriate IP video cameras for your needs



PARKING MANAGEMENT SOLUTIONS

- Identifies vehicles that exceed the time limit for a specific parking area (e-chalking)
- Allows for permit parking area management by specific whitelist
- Offers vehicle "heat map" by expiration time to see where most expired vehicles are located
- Can be configured to work with a ticketing module
- When used with the ELSAG EOC data management system, all vendor data is consolidated with ALPR data so it can all be managed from this one software



CLOUD STORAGE SOLUTION

- Your agency retains ownership of the ALPR data
- Leonardo manages the CJIS-compliant cloud-based ALPR server, providing IT support
- Assists with the IT responsibilities and costs associated with ALPR server management
- Supports jurisdictional storage and sharing policies
- Nlets data sharing capabilities

For more information:
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