ALPR SYSTEMS

ELSAG®
CARSYSTEM

THE ELSAG CARSYSTEM PROVIDES EASY ACCESS TO ALPR FUNCTIONS AND DATA

The ELSAG CarSystem software is the heart of all mobile ELSAG automatic license plate reader (ALPR) systems. It provides law enforcement the ability to find suspect vehicles faster than ever to interdict and investigate any crime involving a vehicle, such as:

- Auto theft recovery
- Highway and traffic safety
- Homeland security
- Perimeter security
- Missing persons
- Toll collection
- Suspect surveillance

The ELSAG CarSystem monitors the activity of mobile, fixed, and custom ALPR cameras and presents the data captured by those cameras on enforcement vehicle computers. Users can also manage license plate hotlists and whitelists, including manually entering a suspect plate number. System diagnostics and reporting can also be performed through the ELSAG CarSystem.

The CarSystem puts the following at your fingertips:

- Color photo of the most recent vehicle plate read
- Close-up black and white photo of the license plate on the most recent vehicle read
- Night Mode setting for improved visibility in low light
- List of 20 most recent license plates read
- List of alarms generated by those reads when compared against hotlists
- List of alarms generated but are pending validation
- Camera status indicators
- Operations functions
- List Management functions
- System settings

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ELSAG ALPR Alarms

Every license plate read by an ELSAG Plate Hunter ALPR camera is instantly compared to law enforcement hotlists or whitelists. When there is a match, audible and visual alarms broadcast immediately to a command center and to nearby officers for real-time interdiction. Audible alarms state the nature of the offense the vehicle is suspected of being associated with, such as suspended and revoked, stolen vehicle or wanted person.

Data collected for each read includes:

- License plate number
- Photo of the vehicle that triggered the alarm
- Photo of license plate
- Vehicle make, type, and color
- Date and time stamps of the read
- GPS coordinates of the read location

This information allows officers to spot suspect vehicles right away and interdict.

ELSAG Enterprise Operations Center

The ELSAG Enterprise Operations Center (ELSAG EOC) back-office software manages all ELSAG Plate Hunter ALPR data. It distributes law enforcement databases to ALPR systems in the field, including periodic updates of hotlists and whitelists crucial to the real-time enforcement of vehicle-related crime.

All data captured by ALPR systems in the field can be uploaded to the ELSAG EOC server and archived for future queries and analysis to aid investigations. In-depth query filters for plate numbers, vehicle type, locations, date ranges and more, return results that can help you identify vehicles of interest, quickly.

The ELSAG EOC offers strict data security, allowing agencies to assign different levels of data access and provides transparent audit trails of all user activity. The ELSAG EOC also supports agency protocols for data storage.

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