ALPR SYSTEMS

ELSAG® ALPR FOR PARKING MANAGEMENT

MANAGE PARKING ENFORCEMENT AUTOMATICALLY AND MORE EFFICIENTLY WITH ELSAG ALPR CAMERAS

Leonardo's ELSAG automatic license plate readers (ALPR) can easily be adapted to support your parking solutions for greater efficiencies, via a unique API capable of integrating ALPR data with other parking software.

Advanced ALPR cameras mount to the exterior of parking patrol vehicles, reading the license plate details on parked vehicles and recording their GPS location. At the time of each read, the plate number is instantaneously compared to a database of permitted vehicles for that area, identifying those parked illegally. When a suspect vehicle is identified, parking officials receive alarms on their in-car computer and can issue a ticket immediately.

ELSAG ALPR parking integration

Advanced ELSAG ALPR Cameras quickly identify parking violations by providing five critical pieces of data for each read:

1. A color overview image of the vehicle

2. A black and white close-up image of the license plate

3. License plate number translation from the plate image

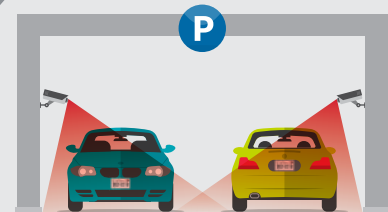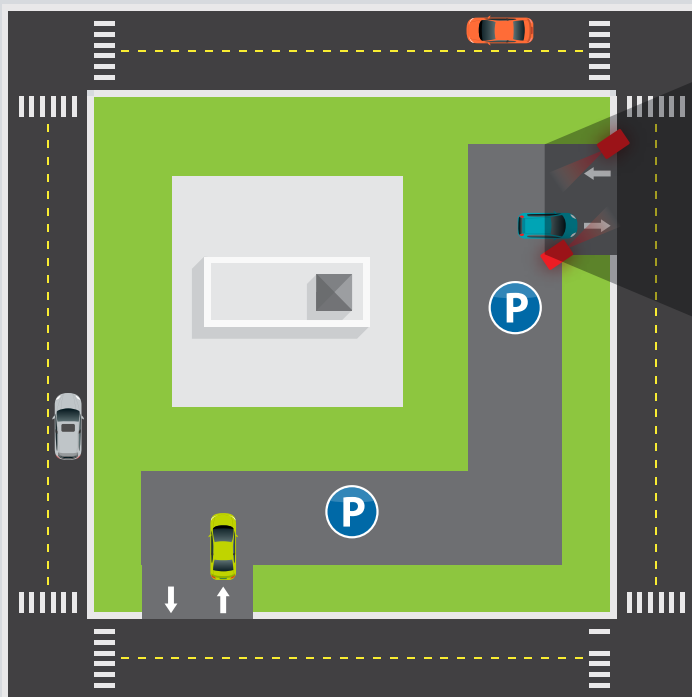4. Vehicle make, type, and color

5. Date, time and GPS location

ELSAG ALPR cameras can quickly identify offenders.

LEONARDO

Streamline Parking Operations Regardless of Your Vendors

Our ALPR solutions integrate with new and legacy systems bringing substantial efficiencies to permit validation, lot/garage inventory, fee payment, enforcement, and security systems by reading license plates 24/7 to aid time-limit and permit enforcement, as well as scofflaw detection.

Our LPR parking management solutions integrate with virtually any parking service vendor, consolidating data from each service into our ELSAG Enterprise Operations Center (ELSAG EOC). This robust data management system allows you to manage all data — regardless of vendor — from one single software program, streamlining daily operations with ease.

ELSAG Fixed ALPR for Parking Management

Camera Read

Hotlist or Whitelist Database

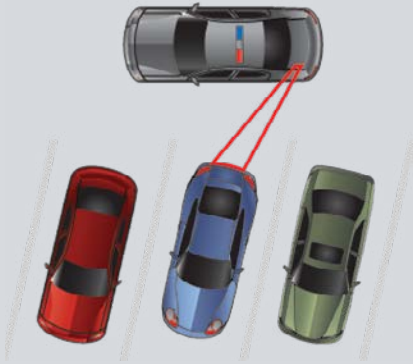Y01-N010
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Officers are alerted of a match.

ELSAG fixed plate reader cameras installed at all access points read license plates and capture a photo of the vehicle, date and time stamps, plus vehicle make, type, and color. Simultaneously, each plate number is compared to databases of license plates to validate permits and sessions and to identify vehicles associated with scofflaw activity, in which case enforcement officials are alerted in real time.

For patrol enforcement, ELSAG mobile plate reader cameras are installed on the exterior of enforcement vehicles, reading plates as they drive through parking areas. In the same manner as the fixed cameras, each plate number is compared to databases of license plates to validate permits, identify vehicles parked beyond their session time and to identify vehicles associated with scofflaw activity.

ELSAG Mobile ALPR for Parking Management

ELSAG ALPR cameras can scan license plates on vehicles in perpendicular and angled spaces.

Camera Read

California
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Hotlist or Whitelist Database

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All Data Streams Are Managed from the ELSAG EOC

Data from all ALPR cameras, plus data from all other vendor services your agency uses, downloads to the ELSAG EOC data management center, so you can manage all data from one central software. This data can be analyzed for insights to help grow your business and it can also be queried for information to aid investigations.

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