

# ELSAG® ALPR FOR PARKING MANAGEMENT

## MANAGE PARKING ENFORCEMENT AUTOMATICALLY AND MORE EFFICIENTLY WITH ELSAG® ALPR CAMERAS

Leonardo's ELSAG® ALPR hardware 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 four 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. Alpha-numeric character translation from the plate image
  4. Date, time and GPS location
- › Data captured by the ELSAG ALPR cameras can readily identify offenders or power a variety of third-party parking solutions with the widest field of view of any mobile ALPR supplier. ALPR data can be stored in the ELSAG Enterprise Operations Center (EOC) for query and analysis at any time, to aid investigations.

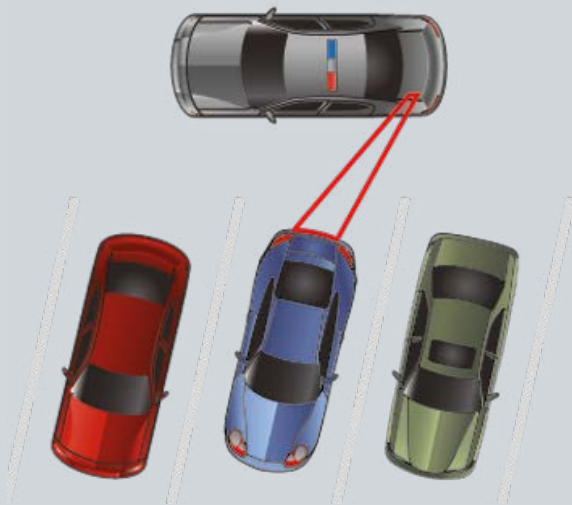
## How ELSAG® ALPR Cameras Increase Parking Management Efficiently

Digital ELSAG® ALPR cameras are attached to the body of a patrol car.

1. Patrolling officials and fixed cameras scan plates of passing vehicles, capturing license plate numbers, date/time stamps and GPS locations.
2. An infrared camera captures images of each plate and a color camera captures overview images of each vehicle.
3. A computer reads the plate characters and compares them with a hot list.



4. Officials are instantaneously alerted of a match and can issue a ticket immediately.




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

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