



ELSAG[®] CarSystem

Fast Intelligence. Instant Alerts. Real-Time Interdiction.

The ELSAG CarSystem is the powerful software engine behind Leonardo's mobile license plate recognition (LPR) solutions. Designed to help officers locate suspect vehicles faster, it provides immediate, actionable intelligence for any investigation involving a vehicle—helping law enforcement prevent and solve crimes with greater efficiency.

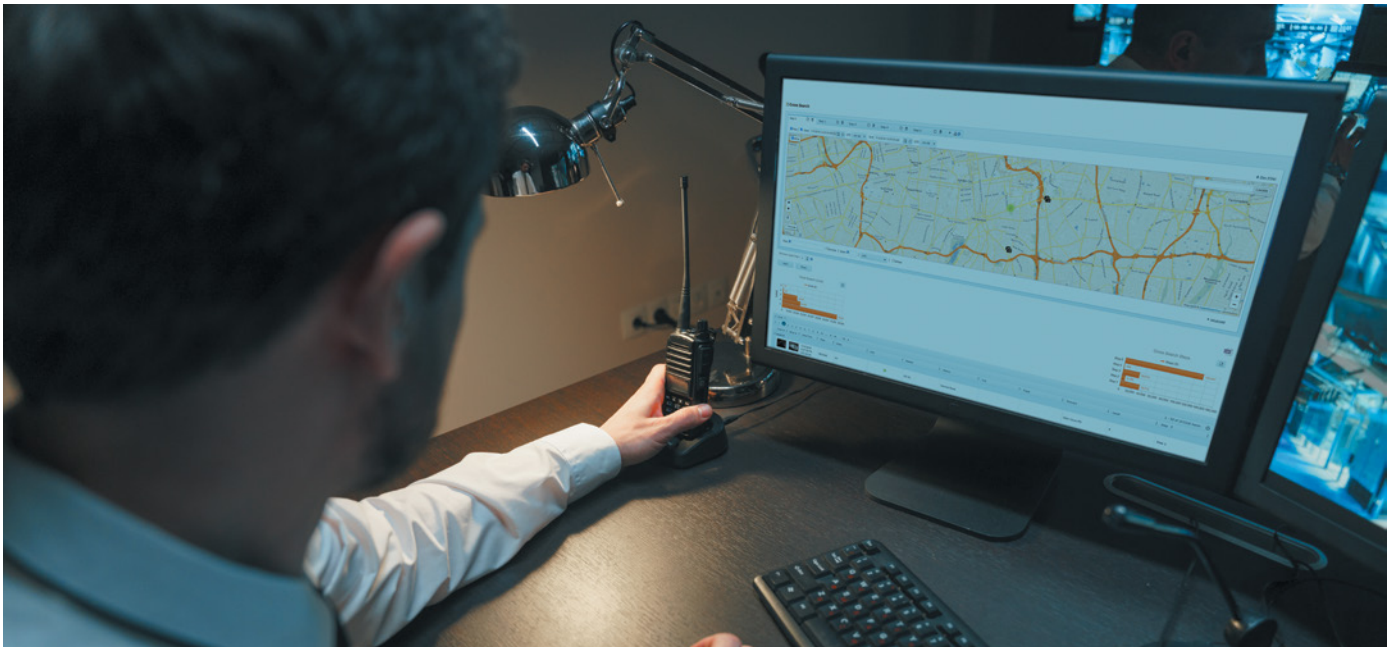
From auto theft and missing persons to highway safety and homeland security missions, the CarSystem empowers officers with real-time information that drives fast, informed decisions in the field.

Built for Fast, Accurate Enforcement

The CarSystem continuously monitors the activity of mobile, fixed, and covert LPR cameras and streams that data directly to enforcement vehicle computers. Every captured plate is instantly compared against agency-managed hotlists and whitelists, and when a match occurs, alerts are transmitted immediately from the Enterprise Operations Center (EOC)—notifying command staff and officers in real time for rapid interdiction.

Officers can also manually enter suspect plate numbers, manage hotlists, or perform diagnostics, all through an intuitive, mission-ready interface that simplifies operations on the move.





Comprehensive Vehicle Data at Every Read

Each LPR read provides critical investigative details, including:

- License plate number
- Vehicle make, type, and color
- Date, time, and GPS coordinates of the read
- Image of the plate and full vehicle photo

This data equips law enforcement with the insights needed to spot, verify, and interdict suspect vehicles quickly and accurately.

Enterprise Operations Center: The Command Link

The Enterprise Operations Center ([EOC](#)) is the centralized intelligence hub that manages all LPR data. It distributes real-time hotlists and whitelists to systems in the field, ensuring officers always have the most current information. The EOC also allows agencies to query and analyze LPR data for investigative support—identifying vehicle movements, patterns, and connections that strengthen evidence in ongoing cases.

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Enhanced Data with SignalTrace™

When integrated with [ELSAG SignalTrace™](#), the CarSystem gains another layer of intelligence. SignalTrace correlates nearby Bluetooth, smartphone, and other electronic device signals with vehicle reads to help identify suspects faster and build stronger cases.

How to Buy Leonardo Vehicle Recognition Technologies

Visit our [How to Buy](#) web page to explore our Grant Guide and procurement contract opportunities. For more details, contact a Leonardo LPR Specialist.

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