



Homeland Security & Critical Infrastructures

INTEGRATED LAW ENFORCEMENT SYSTEM EMERGENCY CALL RESPONSE AND INVESTIGATION SUPPORT

The Selex ES Integrated Law enforcement System has been designed to support law enforcement agencies in their critical response activities through the definition of a common operational picture, built up across agencies, command centers and on-field operators, to coordinate activities and enhance real time situational awareness.

The system can also be used for investigations and intelligence activities, cross-checking all collected data gathered during any intervention with those coming from other national and international registries.

The complexity of law enforcement activities is continuously increasing due to the parallel rise of security needs and information and technologies to counteract crimes. In addition, most countries are facing serious security challenges that are growing in scale and sophistication. Many of these challenges are cross-border and cross-sectorial in nature and no single state is able to respond to them on its own.

This context demands for an enhanced emergency response capacity, also defining information management policies able to link threats, events and related information to support the decision making process and interventions.

THE SOLUTION

The complex and heterogeneous tasks, the different level of interventions and the multidisciplinary approach represent the key drivers of a flexible solution able to quickly react against crimes or illegal activities.

In this context, Selex ES has developed the Integrated Law Enforcement System, aimed at Police Forces and Investigative/Forensic police departments.

The Integrated Law Enforcement system supports the following activities:

- Prevention: preparation & planning, situation awareness and monitoring
- Detection and Analysis: alarm management, incident generation and assessment
- Response: dispatching, resource allocation, incident follow-up, command and interoperations
- Recovery: mission evaluation and corrective actions
- Investigation: off-line analysis, intelligence, data mining and complex correlations.

The system provides a simplified public access through a single emergency number, delivering all emergency calls to multifunction cross-trained call takers. The localization of multi-agency security forces and resources allocation allow to manage any type on intervention I real-time following its evolution up to the final resolution.

Operating procedures and technology support are tuned on agency-managed rules.

THE SYSTEM

The Integrated Law Enforcement System consists of a suite of elements that perform the following main functions:

Emergency Management

This core element integrates telephone, alarms, hysical security surveillance systems to collect information from the public, police and government agencies. It represents the system command and control that enables operators to manage calls. It provides support for decisions to law enforcement, fire and emergency medical services. The Emergency Management can operate in connection with a variety of other services: alarm inputs, mobile data systems, time synchronisation sources.

Records Management

Record Management (RM) covers law enforcement investigations, administrative and operational intervention management, providing data retrieval and monitoring capability, by accessing a wide range of different repositories. The RM element performs the collection of distribute and heterogeneous internal and external data sources, the information extraction and the data mining from multiple data sources.

Criminal Intelligence Analysis

The intelligence tools in the Criminal Intelligence Analysis function support investigation to contrast organised groups: terrorists, drug traffickers, smugglers, and organized gangs. Data can be provided by other agencies, foreign sources and military sources.

This element supports elaboration and correlation of multiple data flows, identifying links to raise alarms or provide evidence in investigations.

Automatic Resource Location

The integrated ARL system controls any type of resource, both vehicles and personnel, as well as any item to be tracked or located within a given area. The ARL system data can be transported over different networks, e.g. PSRN, High Speed Packet Data, GSM, Mesh Networks.

Mobile Data Management

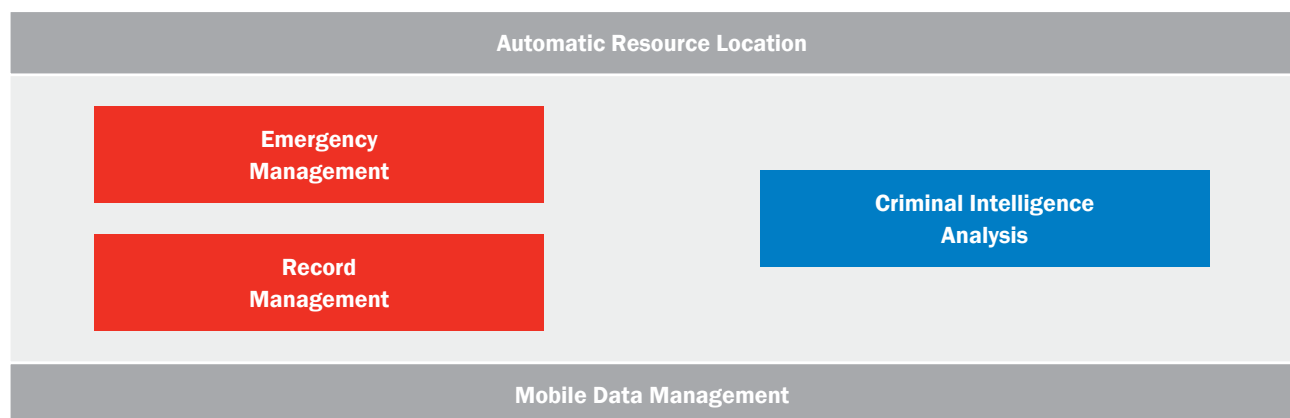
The integrated Mobile Data Management allows the mobile data terminals to provide bidirectional data communications between vehicles and the Command and Control Centre. The MDM main functions include the presentation of historical information about past events, the continuous update from the scene of events, the remote access to central information sources and the availability of incident reports.

KEY POINTS

The Integrated Law Enforcement system stands out for the following key points:

- Simplified public access through a single emergency number (911/112) in compliance with international emergency number management standards
- Enhanced Situational Awareness with seamless information management between Emergency and investigation activities
- Increase of efficiency and intervention time reduction through integrated and automated workflows
- System security and flexibility, with backup sites to cope with different operational scenarios
- Better workforce skills, through enhanced training and higher workforce utilization
- High availability for ensuring service continuity in any condition
- Cyber Security and Information Assurance capability, thanks to the Integrated Cyber Shield™ solution developed by Selex ES.

INTEGRATED LAW ENFORCEMENT



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