



TERRITORY CONTROL MANAGEMENT SYSTEM

The Territory Control Management System is the SELEX Sistemi Integrati solution that supports Law Enforcement Agencies in critical interventions, by building up a common picture 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, crosschecking all collected data gathered during any intervention with those coming from other National 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 decision making process.

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 frame SELEX Sistemi Integrati has developed the Territory Control Management System, targeted to Police Forces and Investigative/Forensic police departments.

The Territory Control solution can be operated in two main modes, e.g.:

- day-to-day operations: the solution consists of a Public Access Emergency Call Center, the first point of contact to the public and the Main Operations Center (MOC) to accommodate the day-to-day operational requirements necessary to manage routine activities and pre-planned events
- crisis or major events operations: the solution consists of the Joint Operations Area (JOA), a facility from which Commanders can control operations and a Crisis Management Center (CMC), a facility for central decision-making area where all suitable information and resources are immediately available.

THE SYSTEM

The Territory Control System consists of a suite of elements that perform the following main functions:

- Computer Aided Dispatch (CAD)
- Records Management (RM)
- Criminal Intelligence Service (CIS)
- Automatic Resource Location (ARL)
- Mobile Data Management (MDM)
- Information Security Assurance (ISA).

Computer Aided Dispatch (CAD)

The CAD is a mission-critical command and control system that enables call takers to manage calls for service and resources. It provides access to information and support to decisions, meeting the requirements of law enforcement, fire and emergency medical services. The solution also involves the connection to a wide variety of other services: alarm inputs, mobile data systems, time synchronization sources, CAD systems of other agencies, and the local, county, state and federal network of criminal justice databases. CAD supports the management of incident information, telephone number interface, location verification, incident display and dispatch.

Record Management (RM)

The Records Management is a comprehensive information management system that covers law enforcement investigations, administrative and operational intervention management. The exchange of information between RMS and CAD occurs automatically, the RMS receives the information collected by the CAD system during the call taking and dispatching activities.

Criminal Intelligence Service (CIS)

The intelligence tools in the CIS support investigation to contrast organized groups: terrorists, drug traffickers, smugglers, and organized gangs. Data can be provided by other agencies, foreign sources and military sources. The CIS investigation tool can also perform data mining, link analysis and crime mapping.

Automatic Resource Location (ARL)

The integrated ARL system is used for Automatic Vehicle Location (AVL) and Automatic Personnel Location (APL), as well as any other item to be tracked or located within a defined area. ARL system data can be transported over different networks.

Mobile Data Management (MDM)

The integrated Mobile Data Management allows users to access the CAD/RMS and other systems through vehicle fitted or hand held Mobile Data Terminals (MDT). The mobile data terminals provide bidirectional data communications between vehicles and the Command and Control Center. 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.

Information Security Assurance (ISA)

By means of the user profiling functions, only authorized personnel can access and modify data. Each operation is traced and logged in order to trace and audit all client activities. The ISA services encompasses a wide variety of Encryption solutions designed for maximum availability and direct integration with law enforcement agencies.

KEY POINTS

- compliance with international standard emergency management through a unique emergency number (911/112)
- support to on-field intervention thanks to the availability of a common operational picture, with geolocation of accidents, status and resources, at different operation levels
- interoperability through different agencies thanks to seamless information management
- high flexibility to different operational contexts by means of distributed facilities and back up sites, designed according to a system of systems approach.

