

HOMELAND AND MARITIME SAFETY & SECURITY SOLUTIONS



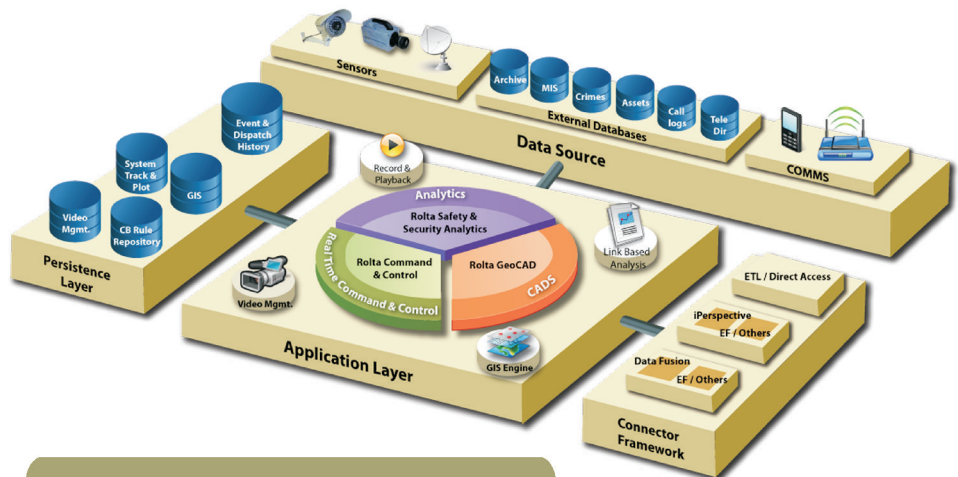
Rolta's safety and security solutions provide state-of-the-art technology for command & control centers. These centers must have a high reliability as they are tasked with safeguarding people, property and assets.

Rolta's solutions act as a force multiplier by enabling informed decisions. Continuous situational awareness is made possible by:

- Advanced Information and Communication Technology (ICT)
- Geographical information systems
- Multiple-sensor integration
- Data fusion

The command center personnel and emergency management teams will have:

- An intuitive 'common operation picture'
- Rule-based, collaborative situational analysis
- Access to real-time, focussed and relevant information
- Context-specific information display
- Access to user-specific and agency-specific data
- Event generation and tracking
- Capabilities of incident analysis and mapping
- Intelligent tasking, based on SOPs (Standard Operating Procedures)
- Analysis and response, based on threat condition



Rolta's safety & security solutions support decision-makers who are responsible for human safety, emergency management and security.

The solutions are designed for continuous operation.

Greater insights are possible, in managing safety and security, by enhanced situational awareness.

An integrated 'common operating picture' provides this awareness.



SOLUTIONS PORTFOLIO

Rolta Safety & Security Solutions are built around **Rolta Command and Control** and **Rolta GeoCAD**. These products are part of large repository of Rolta's own intellectual property (IIPR).

Maritime Safety & Security

Rolta's solution for maritime safety & security leverages the integrated capabilities of the Rolta Command & Control Suite. The solution provides advanced capabilities in:

- Coastal security
- Coastal surveillance
- Vessel tracking
- Port security
- On-shore and off-shore asset protection
- and other similar areas

The solution supports integration with multiple sensors and components including Radar, Sonar, Automatic Identification System (AIS), Video Management Systems (VMS), External Databases and many other types of sensors and systems.

Critical Infrastructure Protection

Rolta's solution for critical infrastructure protection supports collection, fusion and analysis of data from a variety of security sensors. This allows for a 'common operating picture' in a geospatial context. The solution, thus, caters to emergency response (including disaster management), asset protection and integrated access control.

Border Security

Rolta's solution for border security supports the monitoring of large tracts of border areas. It integrates a wide range of smart fences with sensors such as:

- Fence vibration and penetration sensors
- Unattended Ground Sensors (UGS)
- Radar
- Video
- Long-range thermal cameras

The solution feeds this integrated information into the decision support and situational awareness system.

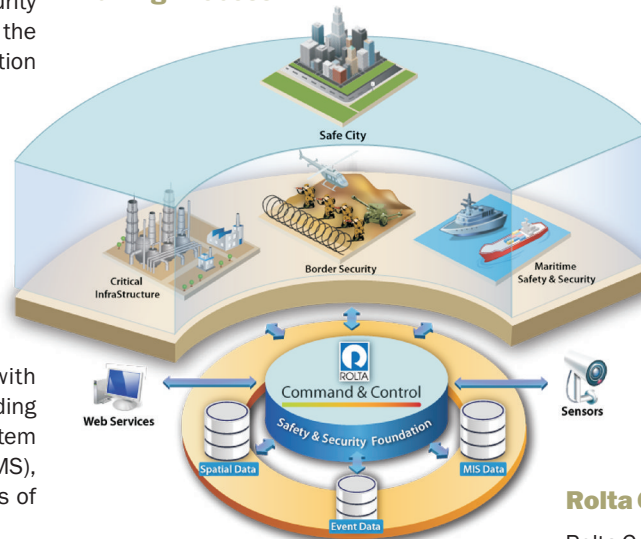
Police and Emergency Management

Rolta's solution for police modernization addresses a wide range of requirements:

- Computer aided dispatch systems
- Integrated safety & security
- Crime analysis with geospatial tools
- Intelligence data fusion

The solution also supports the collection and analysis of local and national databases such as the Criminal Tracking Network System. This enable the computerisation of police stations.

Maximizing Impact in the Decision Making Process



Products:

Rolta Command and Control

Rolta Command and Control is a rule-based situational management software. Enabled on the web, the software caters to:

- Maritime security
- Critical infrastructure protection
- Border security
- Safe city

Although highly configurable and rich in features, the user interface is intuitive. The aim is to provide insight on situation anomalies along with recommended actions for quick decision making.

Rolta GeoCAD

Rolta GeoCAD is an advanced Computer Aided Dispatch (CAD) solution. It enables integrated multi-agency emergency response for:

- Police
- Fire
- Ambulance

This innovative solution provides seamless integration with GIS maps, allowing emergency response agencies to record, locate and respond to distress calls within a spatially enabled environment.

The solution leverages the strengths and capabilities of desktop, web and mobile technologies, to seamlessly integrate the command center with the vehicle tracking and response forces.

