

Rolta GeoCAD: Emergency Response System

Rolta GeoCAD is an advanced Computer Aided Dispatch product designed and developed for public safety agencies

● BY EDITORIAL TEAM



Rolta GeoCAD (Computer Aided Dispatch) system has been developed based on the concept of 'Universal Emergency Dial Number' for addressing the complex and dynamic needs of the society. This solution is a suite of software packages for addressing public safety calls for service, initiating dispatch and maintaining the status of responding resources in the field – a 'Command & Control Solution' for modernization of a Emergency Response Command Center.

The system also has interoperability interfaces with different emergency services like the Police, Fire and Medical services allowing public safety personnel to effectively plan for multi-agency emergency response, by determining the manner and size of the responding incident. With enhanced capabilities, this solution can also be used as a Command and Control solution

for Disaster Management.

Rolta GeoCAD Product

Rolta GeoCAD is an innovative solution provides seamless integration with GIS maps allowing emergency response agencies to record, locate and respond to distress calls from within a Geo spatially enabled environment. The spatially enabled Rolta GeoCAD solution provides insights that impact decision making processes, facilitating rapid response, enhancing efficiency and productivity, as well as improving service delivery. This solution empowers responding agencies by providing mission critical information and situational awareness through a state of the art, intuitive Common Operating Picture.

Rolta GeoCAD not only leverages the strengths and capabilities of Desktop, Web and Mobile technologies to seamlessly

integrate the control station with the field officers but also tightly integrated with an advanced personal safety solution – Rolta Suraksha for use by women, senior citizens or any person in distress. In addition, advanced data exchange, integration and analytical capabilities including reporting, spatial analysis and fleet monitoring, will provide the users insights for greater impact. Rolta GeoCAD Crime Analytics solution enables the law enforcement agencies in analysing the Incidents or Calls For Service (CFS) registered within the respective jurisdictions over a geospatial map which also helps the planners for effective resource deployment, patrolling plans.

Rolta GeoCAD can be configured so that Calls to 100 (Police), 101 (Fire), 1073 (Traffic Helpline), Women, Children and Senior Citizens' Help lines, etc. can be integrated into the same system where prioritization of calls and selective landing at specialized consoles can also be achieved. Inbuilt softphone functionality with unified communication support and Questionnaire based guided call taking enables operators and responders for effective and collaborative response.

Key Features

- Dispatch Decision support
- CCTV/VMS Integration
- 3D GIS support
- Unified Communication
- Integrated Distress Alert Mobile Application
- Mobility (MDT) & Smartphone support
- GIS Based Crime Analytics
- Multi-Site Framework support
- Multi-Agencies support
- Multi-Language support
- Smart Address search
- Questionnaire based Guided Call Taking
- Patrol Planning & Response monitoring
- Caller History & Voice Logging