



Safety & Security

Homeland and Maritime Solutions for Safety and Security



Maritime Surveillance

“Innovative fusion of world class technologies for creating safer world”

Comprehensive Solution for Maritime Safety & Security

Rolta's safety and security solutions provide state of the art technology for high reliability command and control centers, tasked with safeguarding people, property and assets. These solutions act as a force multiplier by enabling leading edge decision support system within a spatially enabled environment.

Rolta's innovative mission critical applications are ready to deploy for continuous operation in support of decision makers responsible for life safety, emergency management, and security.

Maritime Safety & Security leverages the integrated capabilities of the "Rolta Command and Control" suite to provide advanced solutions for coastal security, coastal surveillance, vessel tracking, port security, on-shore and off-shore asset protection and other similar missions.

The solution framework supports collection, fusion and analysis of data from variety of sensors like Radar, Automatic Identification System (AIS), Sonar, Radio Direction Finder, Thermal cameras etc., and presentation of the Common Operating Picture in a geospatial context, to provide users with enhanced actionable situational awareness for surveillance & incident management..



True Collaborative situation awareness



Mission :

- Safety and security of Vessels, assets and people
- Prevention of intrusions, privacy, contraband goods
- Vessel traffic management and collision prevention
- Pollution prevention and response
- Search and rescue

Challenges:

- Increasing maritime traffic and offenses
- Land and waterside open areas
- Numerous events to monitor
- Interactions with multiple resources and agencies

Customer Benefits:

- Integrated solutions from surveillance, detection to response
- An intuitive Common Operation Picture to generate actionable intelligence.
- Geospatial and temporal displays
- Rule based collaborative situational analysis
- Navigational risk detection to support Operators
- Mission planning tools with multiple stakeholders
- Event generation and tracking.
- Multiple sensors integration and event correlation between Radars, AIS, Cameras and MIS databases
- Automatic vessel identification and verification to provide early warning on suspect vessels
- Assist Search and Rescue Operations

About Rolta

Rolta is a leading provider of innovative IT solutions for many vertical segments, including Utilities, Governments, Transportation, Process, Power, Banking and Insurance. These enterprise level solutions are built around Rolta's intellectual property and domain expertise to offer unique business intelligence for impactful insights for effective decision making. Rolta's solutions framework includes Geospatial Fusion™, a suite to integrate disparate spatial and business data; Rolta OneView™, a BI solution for operational excellence; and Rolta iPerspective™, a unique platform for SOA and "Cloud" enablement. Rolta's intellectual property repository contains cutting-edge software for mapping and earth sciences, providing the foundation for Defense and Homeland Security solutions including C4ISTAR information systems, Military Communications, Digital Soldier, and Vehicle Systems. Rolta is a multinational organization headquartered in India, which has executed projects in over 40 countries. Rolta has a countrywide infrastructure and international subsidiaries across the globe. Forbes Global ranked Rolta amongst the "Best 200 under a Billion" four times in six years. The Company is listed on the Bombay Stock Exchange and National Stock Exchange in cash and F&O segment, and forms part of various indices on BSE/NSE. The Company's GDRs are listed on the Main Board of London Stock Exchange and its FCCBs are listed on the Singapore Stock Exchange.

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