

Maritime Safety, Security & Surveillance System

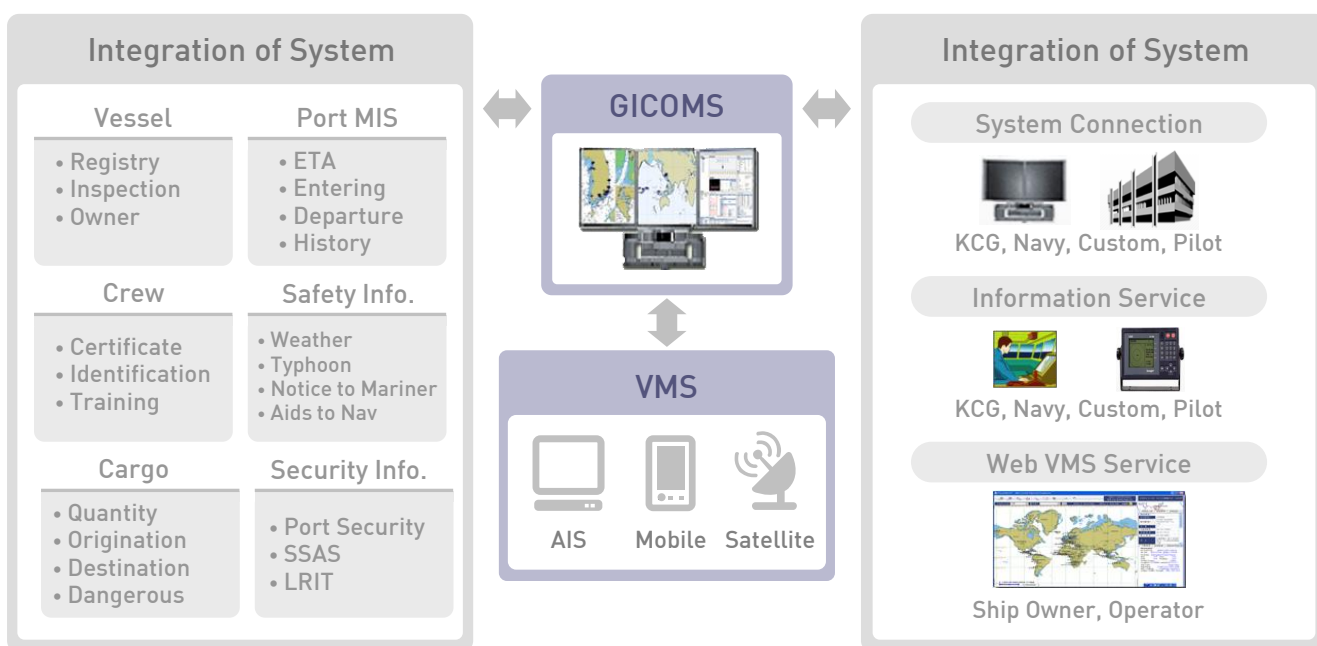


Innovate and fortify your Maritime safety, security & surveillance service with our integrated Maritime safety system

MS3 aims at prevention of marine casualty, prompt reaction to casualty and minimization of damage by system integration of regarding vessel, people, traffic, security, port facility and cargo surveillance center.

Features of Maritime Safety, Security & Surveillance System

Business Framework



Function

01 Traffic Information Management



- Long Range Identification and Tracking of Ship (LRIT)
- Coastal & Ocean-going passenger ship monitoring system
- Oil tanker and waste disposal vessel monitoring system

02 Safety Information Management



- Vessel management information
- Navigation safety information
- Anti-disaster information
- Maritime accident information
- International maritime affairs information

03 Safety Information Service



- Information sharing and networking among related agencies
- Internet portal service
- Notice to mariners and NAVTEX
- Weather reports – typhoon, red tide and other extreme weather conditions

04 Comprehensive Situation Management



- VMS based integrated maritime safety data system
- Analysis and notification of security issues aboard vessels, maritime safety and disasters
- Monitoring vessels suspected of terrorism

Why LG CNS

Maritime Safety, Security & Surveillance Services (MS3) stand unchallenged worldwide in terms of business experience, business scale, and technology. LG CNS brings innovation to your Maritime Safety, Security & Surveillance with our professional service that has been verified through large scale projects in Korea and abroad.

- KOREA No.1 technical capabilities and references of Maritime Safety, Security & Surveillance System
- Core Technology on vessel monitoring, comprehensive maritime situation management and integrate safety information
- World class system development methodology and project management capability

Success story : Korea Maritime Safety, Security & Surveillance System Project

The Business Issue

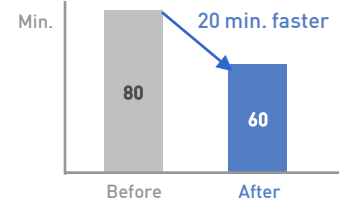
Security initiatives of post 9.11 terror in maritime transport and shipping is largely focused against terrorist attacks. Maritime security initiatives are being pursued under the International Maritime Organization (IMO) with its adopting international conventions.

- ISPS Code
- Automatic Identification System
- Ship Security Alert System
- Long-range Identification & Tracking

Our approach

MS3 monitors the movement of own flagged vessels in the world and foreign flagged vessels in coastal waters. MS3 is in compliance with the Maritime Domain Awareness and Long-range Identification and Tracking of Vessel which is under development by the International Maritime Organization. Through the MS3, all information regarding vessel, people, traffic, security, port facility and cargo could be integrated into the One Center and shared subsidiary organizations.

Incident Response Time

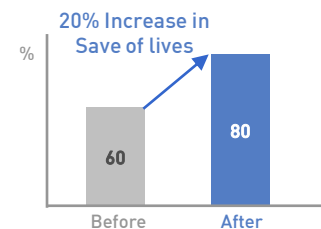


How it worked

MS3 system would contribute to reduce the risk of accidents, pollution and terrorists, and to create a new safety culture at sea over the followings;

- Identifying and tracking of vessels;
 - Supporting of prompt search and rescue operations;
 - Ensuring the safety of shipping lanes and port areas;
 - Protecting the marine environment from pollution; and
 - Supervision of illegal fishing and reservation of the Fishery Resources
- Furthermore, it will initiate the balance between the nation's need for safe, efficient marine transportation and commercial benefits in shipping areas.

Rescue Success Rate



References

- Automatic Identification System (AIS) of KOREA
- Emergency Rescue System of KOREA
- National Disaster Management System of KOREA
- Maritime Safety, Security & Surveillance Consulting of the Philippines, and Bangladesh

Contact us

www.lgcns.com / Gov.Sales@lgcns.com

Prime Tower #10-1, Hoehyun-dong, 2-ga, Jung-gu, Seoul, 100-630, Korea