



ADVANCED CENTRIC SYSTEMS B.V

Sea / Air/ Land

ESMOS

EMERGENCY SITUATION MANAGEMENT & OPERATION SYSTEM



THE PROBLEM

Organizations and authorities at the local, municipal, regional and national levels may be called upon to handle such crisis, disaster and emergency situations as mass-casualty accidents, terrorist attacks, natural disasters, public unrest, armed crime and high/low intensity conflicts between states or between the state and non-state organizations.

Management of emergency situations encompasses numerous activities and services such as first responders (fire, ambulance and police); infrastructures and utilities (energy, water, sewage, communication and transportation); health and social services; public order; search and rescue operations and so forth.

Real-time management and command and control centers at the local, municipal, regional and national levels will benefit from a management system enabling decision makers to deal with crisis, disaster and emergency situations through efficient situational awareness and situation appraisal tools, structured operating procedures and effective resource management.

THE SOLUTION

ACS presents ESMOS – Emergency Situation Management & Operation System.

ESMOS is an integrated, comprehensive management system designed to enable decision makers at the local, municipal, regional and national levels to address the various aspects of crisis, disaster and emergency situations.

The system provides a complete range of management tools that encompasses the entire process of crisis/disaster/emergency management: routine operation (risk analysis, forecasts & preparations), command and control (event & task management), recovery and After-Action Review (AAR) and analysis.

ESMOS assembles and displays an integrated situational awareness picture and provides extensive data displays to enable decision makers to be fully informed and address the situation at hand in the most effective manner possible.

The ESMOS command and control system is custom-designed to meet the specific needs and requirements of the user. The modular architecture of the system enables prompt and easy adaptation to the user's doctrine and operating procedures.

Running on standard rugged computer hardware, ESMOS can interface with multiple external systems and sensors and offers extensive event and task management tools, situation appraisal and decision support tools, orientation, charting and mapping capabilities and recording and playback capabilities for AAR & analysis.

ESMOS offers a complete life-saving, cost-effective management tool for crisis, disaster and emergency situations.

KEY FEATURES & MAJOR ADVANTAGES

Key features:

- Cutting-edge management system for emergency situations

- Customized command & control tools for the local, municipal, regional and national levels
- Effective cooperation & coordination between agencies, organizations and responding forces
- On-going, real-time situational awareness picture
- Interoperable with multiple external systems & sensors
- Event & task management
- Orientation, charting & mapping capabilities
- Recording & playback capabilities for AAR & analysis
- Situation appraisal & decision support tools

