# CRISIS, DISASTER & EMERGENCY MANAGEMENT SYSTEM
## Product brochure

## THE PROBLEM

Management of crisis, disaster and emergency situations encompasses multiple activities and services such as first responders (fire, ambulance and police); infrastructures and utilities (energy, water, sewage, communication and transportation), at the local, municipal, regional and national levels; health and social services; public order; search and rescue operations and so forth. Under certain circumstances, such situations may also encompass the emergency employment of military forces, the involvement of government ministries and organs, foreign elements and international aid agencies and interaction with local and international media.

Command and control centers at the local, municipal, regional and national levels will benefit from an end-to-end management system enabling decision makers to deal with routine, day-to-day operations as well as 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 CDEMS – Crisis, Disaster & Emergency Management System.

CDEMS 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 while providing the public with advice and guidance.

The system utilizes COTS (Commercial, Off-the-Shelf) building blocks and proprietary software to provide a complete range of management tools that encompasses the entire process of crisis/disaster/emergency management: risk analysis, preparedness, early warning, the transition from routine to emergency operation, situation appraisal, mission planning, command and control (event & task management) and After-Action Review (AAR) and analysis.

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

The CDEMS software is a web-based application combining standard development elements with specific elements developed as per the client's needs and requirements. The user package includes a mobile application and a complete operator training and drilling program.

Featuring an advanced user interface, CDEMS can interface with multiple external systems and sensors and offers extensive event and task management tools, situation appraisal and decision support tools, charting and mapping capabilities and recording and playback capabilities for AAR & analysis.
CDEMS offers a complete management tool for routine operation as well as for crisis, disaster and emergency situations.

# KEY FEATURES & MAJOR ADVANTAGES

**Key Features & Major Advantages:**

- Proven, cutting-edge management system for routine, crisis, disaster & emergency situations

- Comprehensive command & control tools for the local, municipal, regional and national levels

- Effective cooperation between organizations, field forces, different command & control centers and the general public

- On-going, real-time situational awareness picture

- Interoperable with multiple external systems & sensors

- Event & task management

- Extensive charting & mapping capabilities

- Recording & playback capabilities for AAR & analysis

- Situation appraisal & decision support tools

- Mobile application

- Complete user training & drilling package

- State-of-the-art user interface