

# Regional and State Online Resource for Emergency Management (RaSOR-EM)

## Objective

Concurrent Technologies Corporation's (CTC's) Regional and State Online Resource for Emergency Management (RaSOR-EM) tool is an online information management application that provides users with fast access to geographic, demographic, and organizational emergency management information down to the county/city level. The application empowers users with situational awareness by providing immediate access to critical emergency data at federal, state, and county jurisdictions. The multi-tiered information structure is designed to serve responders from the unit to the command level in both times of crisis and in conducting the key planning and forecasting required at the leadership level to maintain optimum readiness levels. The application's collaborative framework provides a conduit for information sharing among all members of the emergency response community.

## Technical Approach

- Collect and organize useful information and datasets of critical readiness information, such as the locations and availability of law enforcement, health care, and other emergency response personnel and facilities, never before available at the state and county level in real-time from one source.
- Facilitate the delivery of data via a custom, Web-based system.
- Leverage existing technologies to minimize cost to client, stakeholders, and users.
- Provide a fully customizable search capability of a cross-section of detailed data points that presents an accurate assessment of the facilities, resources, and personnel available to respond to major emergencies.



- Provide a sophisticated Overlay Builder utilizing Yahoo!® Maps as the foundation, complete with National Incident Management System (NIMS) icons, to provide users with the ability to create, save, print, share, and modify custom-built overlays for scenario-based training. Views include the basic Map view (a general graphic overview), Satellite (digital representation of satellite imagery), and Hybrid (a combination of satellite imagery and graphics). Overlays of items such as hospitals, fire departments, law enforcement stations, and varying types of EMS entities can be plotted using any of the three viewing options.

## Technology/Service Utilized

Internet Application, Integrated Information Systems, Database, Collection/Analysis, Information Exchange, Information Sharing, Web services, Open-Source Information System, Map-Based Interface, Microsoft® ASP.NET 3.5, Microsoft® SQL Server 2005, Yahoo!® Maps, Adobe Flash ActionScript

# Regional and State Online Resource for Emergency Management (RaSOR-EM)

## Benefits

- The enhanced user interface addresses the growing need for immediate access to detailed readiness information critical for effective National Guard and the entire Emergency Response Community action and response to emergent situations.
- Through the Consequence Management Area Assessment (CMAA) database located within RaSOR-EM, users can access open-source, state-specific, information for everything from utility power grids, to street-level mapping for EMS personnel, to the location and casualty management capacity of health care facilities, to immediate access to local news feeds and other critical state-based information links. These include:
  - Communication
  - Military
  - Terrain
  - Demographics
  - Government
  - Transportation
  - Media
  - Entertainment Venues
  - Health Care
  - Utilities
- The application serves as an online collaborative work and training environment that provides users with the ability to share custom-built overlays, simulated Situation Reports (SITREPs), and other data and information through its internal messaging capability.
- As part of the National Guard Bureau's (NGB's) Joint State Response Training System (JSRTS) Program, RaSOR-EM aligns with and compliments the NGB's readiness paradigm, providing personnel throughout the Guard with one access point for information and the comprehensive data tool set to present and act in all crises situations as Ready, Reliable, Essential and Available.



### POC:

T. Brett Wilmotte  
Manager, Readiness Systems  
Concurrent Technologies Corporation  
Ph: 814-262-6950/Fax: 814-262-2326  
wilmottb@ctc.com

<http://rasor.jsrts.org/>

[www.ctc.com](http://www.ctc.com)

### Stakeholder:

National Guard Bureau  
1411 Jefferson Davis Highway  
Arlington, VA 22202-3259

### Additional Stakeholders:

Federal and State Agencies including the Department of Homeland Security (DHS) & U.S. Northern Command (USNORTHCOM)  
Emergency Response Community