

GEOCommand Demonstrates Its Unique Emergency Response Information System for the Department of Homeland Security, Center for Domestic Preparedness

BOCA RATON, Fla., May 14 /PRNewswire-USNewswire/ -- GEOCommand, Inc. offers a unique emergency response solution that incorporates an advanced mobile Geographic Information System (GIS) and interoperable two-way data communications. The company demonstrated its Emergency Response Information System for the United States Department of Homeland Security's Center for Domestic Preparedness (CDP) in Anniston, Alabama on April 30, 2007.

The demonstration consisted of two parts: A simulated emergency response to a hypothetical chemical spill at the CDP Toxic Agent Training Facility, and a live demonstration that illustrated GEOCommand's ability to seamlessly integrate and display data from multiple radio frequencies commonly used by first responders.

Simulated Emergency Response Demonstration

The first part of the demonstration showcased GEOCommand's ability to provide first responders with an enhanced awareness of an emergency situation. This was accomplished through the use of GEOCommand's Map and Emergency Response Plan interfaces.

During the simulation, GEOCommand displayed its multi-functional map including aerial photography, structure footprints, real-time vehicle positions, and remote sensor data including weather and chemical sensors. The map also displayed North American Emergency Response Guide (NAERG) isolation distances for chemicals stored at the Toxic Agent Training Facility. These fall-back zones allowed responders to clearly identify a safe zone around the incident.

On the way to the emergency, first responders were able to review GEOCommand's emergency response plan for the site. The response plan contained a full complement of planning documents stored in GEOCommand, including floor plans, digital photos, emergency contacts, and hazardous materials. With access to this critical site-specific information en route, responders were able to more accurately judge the potential scope of the emergency and call for backup before arriving at the scene.

The demonstration showed that GEOCommand provides the right information to the right people when it is needed. By using GEOCommand, first responders were able to decrease response time and keep out of harm's way through enhanced situational awareness.

Live Radio Interoperability Demonstration

The second part of the demonstration showcased GEOCommand as a bridge for interoperable data communications. During the live demonstration, GEOCommand used data radio and networking equipment from several manufacturers to operate on four radio frequencies in the VHF and UHF bands simultaneously:

220 MHz, 450 MHz, 900 MHz, and 2.4 GHz. Using these frequencies, GEOCommand integrated streamed video and data from remote weather sensors, remote radiation sensors, and GPS.

In the event of a disaster that disables communications systems, GEOCommand's flexibility and interoperability allow responders to quickly deploy a backup data radio system for emergency response. GEOCommand mobile units provide responders with the most recent local data until communication is restored and the units can resynchronize with the server.

"We are extremely appreciative of the opportunity to demonstrate our solution to the CDP," said Albert Koenigsberg, President of GEOCommand. "We feel confident that our demonstration has successfully illustrated GEOCommand's ability to have a positive impact on the daily operations of first responders."

GEOCommand Inc., of Boca Raton, Florida, offers a highly advanced and intuitive mobile GIS solution for first responders. GEOCommand protects and assists emergency responders in their effort to save lives by providing the up-to-date information they need to make critical decisions in the field.

GEOCommand continues to advocate for the public safety community, most recently by filing comments with the FCC in support of public safety communications. The company's goal is to encourage the government to allocate sufficient spectrum for public safety use. With adequate radio and broadband spectrum, first responders can fully utilize GEOCommand's capabilities and protect lives.

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