

Crisis Simulations International, LLC Announces Granting of Patent on Proprietary DXMA™ Technology

Portland, Oregon – May 20, 2009 Crisis Simulations International, LLC announced today that the US Patent and Trademark Office has awarded patent 7536287 for DXMA™, the LLC company's proprietary system and method of interactive simulation.

Crisis Simulations International has used DXMA™ to build and deliver education and training simulations for a number of different industries and government agencies, including healthcare, manufacturing, law enforcement, and community response for local governments. Simulations include a flu pandemic simulation for both hospitals and communities, an active shooter simulation for law enforcement, a hospital evacuation, and a business continuity/supply chain disruption for a multi-national company. Clients include Penn State University College of Medicine/Hershey Medical Center, the Safe America Foundation, the Portland Police Bureau, Hoffmann-La Roche, and the National Defense University.

According to Dennis Damore, Co-Founder and Senior Director of Operations, "The distinctive feature of the technology is in the way we build simulations; what the technology enables us to do is very cost-effective. For example, we can simulate the way in which different roles within a community, such as police officers, hospital employees, government officials and emergency responders, interact with each other during a disaster."

Noam Ben-Ami, Senior Technical Advisor, Software Architecture, added, "We can create a class of simulation that is an order of magnitude less expensive than something like a flight simulator, which attempts to capture all details about everything (position, speed, etc). It's an order of magnitude more dynamic, expressive, and reproducible than paper-based table-top simulations. The fact that all decisions and actions are recorded allows us to provide "hot-wash" results and after-action reports in real-time."

According to Portland Police Bureau Commander (retired) Greg Hendricks, who worked with CSI on developing its Active Shooter simulation, "The realism of the simulation is impressive. The number of decisions and pace at which they had to be made is truly representative of what those in law enforcement face in an active shooter incident." He added, "Simulations could become one of the most significant advances in training and preparing those in law enforcement for this kind of event."

Said Dr. Thomas Terndrup, in his role as principal investigator for the Healthcare Facilities Partnership of South Central Pennsylvania, "We worked with Crisis Simulations on developing 3 simulations: one for a pandemic, one for a hospital evacuation and one to test our surge capacity after a bombing in a public space. Their technology was able to incorporate the interplay between various roles within and between hospitals in the region and with multiple external response organizations, like police departments and EMTs."

Dr. Terndrup is also a professor and chair of the Department of Emergency Medicine and Associate Dean for Clinical Research at Penn State University College of Medicine.

Founded in 2004, Crisis Simulations International creates real-time simulations for the public and private sectors, including homeland security, defense, healthcare, financial services, transportation/supply-chain management, manufacturing, law enforcement and emergency response. The simulations build decision-making skills and stress-test emergency management and response plans.

For more information or to view a simulation contact Chris Hatzi at 503.330.6944 or chatzi@crisissimulations.com or visit the website at www.crisissimulations.com.

