SimIS®
Modeling the Future. Securing the Enterprise

Emergency Management Modeling & Simulation

A minority-owned, veteran-owned, 8(a) company

Challenge presented

Whether it is a natural disaster or a terrorist attack that occurs, the time it takes to mobilize, deploy and coordinate response and recovery efforts by first responders can mean the difference between life and death. In today's environment, catastrophic natural events including hurricanes, tornados and wildfires hinder public safety and economic stability by damaging or destroying critical infrastructures necessary for a healthy, functioning society.

Many of today's first responders are training with antiquated tools and techniques that do not emulate a realistic emergency response scenario.

Solution developed

SimIS develops real-life scenario-based 3D models to improve the suite of training tools for first responders. A decision-based interface allows emergency planners to visualize the real-time cascading effects of multiple infrastructure failures before an actual emergency occurs. This suite of models not only provides realistic scenarios, but also measures the progress of each trainee.

Overall, SimIS' approach garners the following advantages:

- Management can address capability gaps
- Instructors are able to select, configure and analyze model
- Instructors can analyze and adapt to trainee performance

Why it's right for your organization

The integration of advanced simulation technology into first-responder practices is a vital step to improve response and restoration efforts.

The development of technology using real-life situations in various scenarios allows emergency planners to prepare action plans more accurately and completely.

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