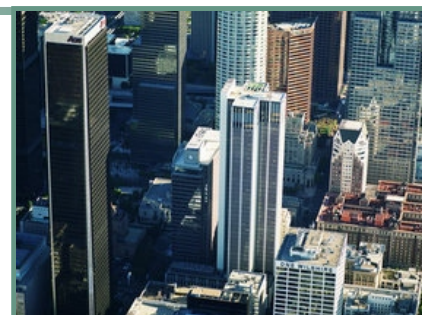


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There is a global need to protect critical infrastructure from threats, emergencies, and disasters. There is an international urgency to safely maintain facilities that are literally the lifeline of any country or economy and to minimize the loss of life whenever possible. The world's infrastructure includes not only critical structures, such as bridges, airports, and dams but also a significant number of important government, military, and private buildings, monuments, industrial plants, and research facilities and just as significant, schools and hospitals. We are well aware that any damage or disruption of activity in any of these facilities can cause significant loss of life and property and can bring an entire city or country to a halt.



Critical Infrastructure

Because each facility is unique in its layout, demographics, and general location environment, emergency responders are at a disadvantage. In the event of a threat, emergency, or disaster—when responders need the maximum amount of speed and efficiency to save life and property—they generally lack information about the facility that could help them work out an effective response strategy suitable for that facility at that point in time.

Imagine you're a responder arriving outside a facility where an emergency has occurred. The information you need most floor plans, construction details, crawl spaces, obstructions, demographics on the people inside, and more is not at hand. The lack of information at a micro level about the affected area severely impacts your ability to respond quickly and effectively.



Critical Infrastructure

Responders then are forced to take their best guess, and this puts both them and the people they are trying to save at risk. For example, responders might enter a building without knowing there are explosives inside. Or they might choose an exit or evacuation path that has many obstacles. Or they might enter the building underestimating the strength of the support material in the pillars and have the roof collapse on them. And if there were people inside with military or other training who could be called upon to coordinate response efforts, that would be an extremely helpful bit of information to have. So is there a way to be better prepared to address threats, emergencies, and disasters that strike? Can the responders' level of information be heightened to reduce response time and make their every effort as efficient as possible?

"One of the biggest challenges facing responders in the event of threats, emergencies, and disasters is that they have the least amount of information available at the point they need it most."

Words of first responders from Ground Zero.



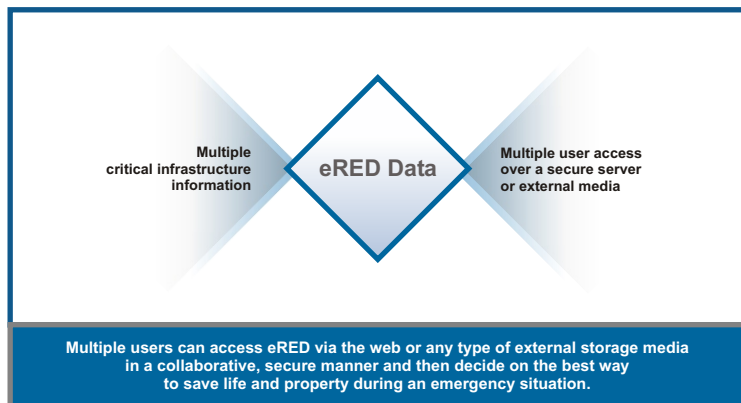
Critical Infrastructure

The Answer Is "Yes" - With eRED

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CHALLENGE

Emergency personnel who are called to the scenes of threats, emergencies, or disasters report that one of the biggest problems they often face is lack of local information about the affected facility at the time they need it most.



SOLUTION

United Security Applications developed eRED specifically to address this problem. eRED is a cost-effective software application that makes it easy to compile and a deploy a complete emergency response platform for critical infrastructures in the government and private sectors.

PROVEN TECHNOLOGY

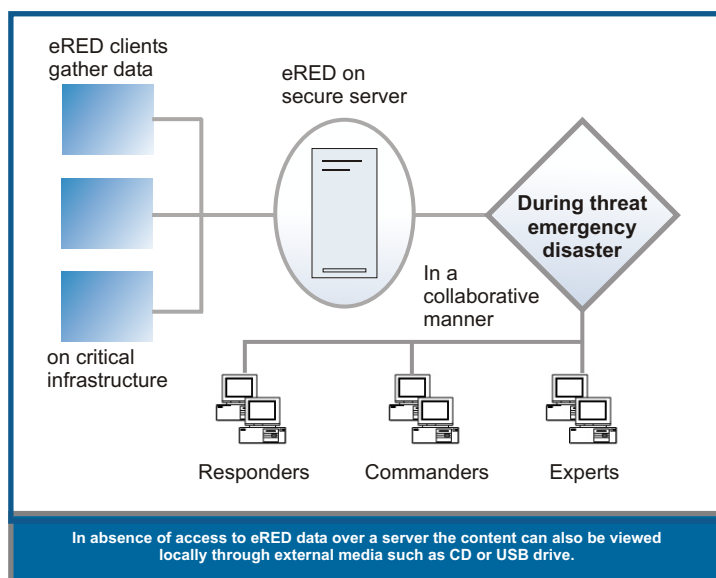
eRED was developed with inputs from emergency responders, law enforcement agencies, and other professionals with extensive experience reacting to a variety of emergency situations. eRED is proven, dependable technology, with multiple years of beta testing behind it. It is currently deployed as an ongoing solution to protect critical infrastructure in many key locations in the U.S.

HOW IT WORKS

With an intuitive, menu-driven interface, eRED prompts you to upload construction details, floor plans, maps, worker demographics, emergency preparedness documents, photos, hazardous materials information, evacuation procedures, and more in a logical manner. eRED features checks and balances to ensure that the repository of information you build is complete, enabling an effective, collaborative response to a wide range of emergency situations.

FEATURES

- **Portability** - Access the eRED platform over the Internet or external media such as CD or USB drive.
- **Scalability** - Add eRED data on multiple structures for multiple users responding to a variety of emergencies.
- **Security** - Host the eRED platform safely behind your existing security network.
- **Interoperability** - Easily integrate data from other applications into eRED or vice versa.
- **Open Architecture** - View eRED over any Web Browser.



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ADDITIONAL MODULES

- ▶ **Identification Module** - driver's license interfaces with existing applications in patrol cars and computers having NCIC (criminal history) or OMV (driver's history) links. This is particularly useful for checking the identity of persons visiting the affected site.
- ▶ **Badging and Task Management Module** - during rescue, response, and salvage operations provides badges and tracks entry and exit of people, materials, and vehicles in the impacted area. This module is available in a single user or multiuser (web-based) deployment with a number of useful features, such as time stamping, alerts, and real-time photo identification. When many people and material are coming into the affected area, this module is extremely useful for identification and tracking and to verification. If contract labor is used at these sites, the workers' time can be tracked and paid by the hour.
- ▶ **Knowledge Management** - an ideal hosting environment for eRED and other third-party applications in access control, surveillance, and networks and in the analytics, search, and dynamic access of internal and external content. By aggregating, correlating, and analyzing threats from multiple domains it provides and enhances intelligence and in-depth information about the entire eco system.
- ▶ **Real Time Surveillance Utility** - enables eRED to access a number of IP-enabled devices, such as surveillance cameras and sensors. For planning a response, this module is very useful because both static and dynamic data can be simultaneously viewed and analyzed.
- ▶ **Simulation Module** - simulation exercises for a variety of threats, emergencies, and disasters. This module is particularly useful in staying prepared through mock drills. Users can clock the results on an electronic score board to verify the level of preparedness. They can also set up their own preparedness levels depending on the type of facility and the degree of severity they will face if these events were to actually occur.
- ▶ **eRED Mobile** - for mobile users, can be accessed over compatible hand held and PDA devices.



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