

Emergency Solutions



Emergency Network Solutions For Emergency-Proof Networks



Resilient Emergency Communications— Ready at a Moment's Notice

Hughes Emergency Solutions

Hughes provides emergency solutions for any emergency communications need.

- **Emergency Network Restoral (ENR)**—Emergency solution that combines pre-disaster planning and setup with post-event deployment
- **Emergency Preparedness**—Permanent network solutions that ensure 24/7 reliability even when terrestrial networks fail
- **Emergency Response**—Post-event solutions to provide temporary service while primary communications are being restored

There's no telling when an emergency situation might occur—or how severely mission-critical applications may be affected. As recent natural and man-made disasters have demonstrated, businesses, government agencies, relief organizations, and small businesses must sustain vital communications, even in the event of a large-scale disaster.

But how successfully organizations can recover connectivity after a disaster depends largely on how well they prepare in advance. Enter Hughes Emergency Solutions—a suite of tools built to handle virtually every business and government emergency communications need, including pre-disaster planning and setup, permanent networks with built-in emergency preparedness, and temporary post-event infrastructure.

Emergency Network Restoral

ENR is a satellite-based backup solution that blends pre-disaster planning and setup with rapid post-event deployment. It offers a completely diverse, VPN backup service for locations connected by widearea networks (WANs) such as frame relay, MPLS, or IP VPNs.

Hughes ENR includes a planning phase that covers every aspect of business or government operations. Hughes designs, pilots, configures, and integrates a private satellite network with the WAN. And by deferring deployment until disaster actually strikes, Hughes ENR provides the flexibility to move resources as and where needed.

Hughes ENR ensures essential business continuity:

- Broadband support of mission-critical applications
- Secure IP connections integrated into customer VPN
- National coverage in the U.S. and parts of Canada

Once the terrestrial service is restored, Hughes ENR service can be converted to a Hughes Access Continuity or High Availability VPN service to provide permanent backup connectivity to affected locations.

Permanent Network Solutions with Built-in Emergency Preparedness

Hughes fully managed, highly available networking solutions act as an insurance policy for continuity of business and government operations, especially in crisis situations. With secure, path-diverse network solutions from Hughes, organizations can ensure 24/7 network reliability, even when terrestrial systems fail.

- High Availability VPN Service - Turnkey service that provides two completely diverse broadband paths to deliver an integrated, fully-managed network with unmatched reliability and performance

- Access Continuity Service - Managed network continuity service with cost-effective satellite broadband backup for true path diversity
- Satellite solutions to complement existing terrestrial networks for up to 99.99% availability
- Emergency Internet access with nationwide reach and vehicle-mount terminals and flyaway kits
- Mobile satellite Broadband Global Area Network (BGAN) terminals for on-the-move deployment when needed
- Policy-based routing with automatic failure detection and switchover between primary and backup links

Rapid Post-Event Response

After an emergency occurs, Hughes emergency response solutions provide a true alternative infrastructure that's ready to deploy on the fly—and stays up and running when terrestrial systems fail.

- Communications restoral within 48 hours
- Ideal for providing temporary service while primary communications are being restored after an emergency
- Internet access nationwide with a variety of service plans
- Vehicle-mount terminals and flyaway kits with mobile, self-pointing antenna system
- Integrated turnkey solutions with high-performance, onsite routers

Hughes Emergency Solutions are designed for:

- Large, distributed enterprises with network continuity requirements or sites in disaster-prone areas
- Federal, state, and local government agencies
- Rescue and relief organizations
- Small and medium businesses

Hughes Experience and Leadership— Second to None

Nothing beats experience when it comes to meeting complex communications challenges. For over 30 years, Hughes has led the market in satellite technology, innovation, and service. Now, with combined satellite, landline, and wireless platforms and single-source management, Hughes Managed Services takes networking to the highest level and empowers organizations to achieve seamless connectivity, extend their reach, and assure continuity of operations.

In Case of Emergency

Today, businesses and government agencies must be ready for anything. With Hughes Emergency Solutions, organizations will be armed with the most powerful communications tools available to manage the challenges of both emergency preparedness and emergency response.

Hughes Emergency Solutions Come with the Hughes Managed Network Services Advantage.

- Fully-managed services from a single provider
- Choice of satellite, landline, and/or wireless technologies
- Integrated, managed connectivity, security, and flexibility
- Superior national broadband coverage
- Turnkey implementation

A Snapshot of Hughes

Worldwide market leader in broadband satellite services and technology

- Over 20 years of experience managing large-scale networks
- Recognized by the Yankee Group as a top-tier managed network provider
- More than 10,000 government sites in North America
- Over 225,000 enterprise sites in North America for many Fortune 500 companies
- Global service delivery with sales offices and operations worldwide
- Frost & Sullivan 2009 North American Company of the Year Award
- Frost & Sullivan 2009 North American Space Communications Customer Value Leadership of the Year Award

For more information about Hughes Emergency Solutions, call a Hughes representative today at 1-877-881-8603 or visit www.Hughes.com.

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