

Managed Services

Emergency Network Restoral



Emergency Preparedness When and Where it Counts





How emergency proof is your communications network? Could it survive a major storm or catastrophe?

Since 9/11 and Hurricane Katrina, businesses, government agencies, and relief organizations with large distributed networks have been seeking a reliable way to protect and sustain vital communications to their branch locations in the event of a large-scale disaster.

HughesNet™ Emergency Network Restoral (ENR) is a first-on-the-market, satellite-based, backup solution that combines pre-disaster planning and setup with rapid post-event deployment. It offers a completely diverse,

VPN (Virtual Private Network) backup service for locations connected by wide area networks (WANs) such as frame relay, MPLS, or IP VPNs.

Disaster insurance for your network

How successfully you recover connectivity after a disaster depends on how well you prepare in advance. HughesNet ENR is the only service that includes a planning phase, which covers every aspect of your operations from network engineering to business processes.

Hughes designs, pilots, configures, and integrates a private satellite network with your WAN complete with preferred application QoS policies before activation of the backup network. And by deferring deployment until disaster actually strikes, HughesNet ENR gives you the flexibility to move resources on an as-needed and where-needed basis.

- Network is pre-designed to be part of the customer's intranet.
- All traffic is normally routed over the terrestrial network.
- At initial loss of the primary path, the customer contacts Hughes to deploy Hughes equipment to remote sites.
- Once deployed, traffic is rerouted over the satellite network.
- Traffic is rerouted back to the terrestrial connection after the primary network is restored.

The Hughes satellite terminals used in the ENR service ensure essential business continuity with:

- broadband support of mission-critical applications
- secure IP connections integrated into your VPN
- national coverage in the US and parts of Canada

Once the terrestrial service is restored, HughesNet ENR service can be converted to a HughesNet Access Continuity or High Availability Network service to provide permanent backup connectivity to that location.

HughesNet ENR—a comprehensive, turnkey solution

The HughesNet Emergency Network Restoral service is a single-vendor solution, streamlining design, deployment, operations, maintenance, and management of network infrastructure. It provides:

- one point of contact to ensure rapid deployment and responsive customer service

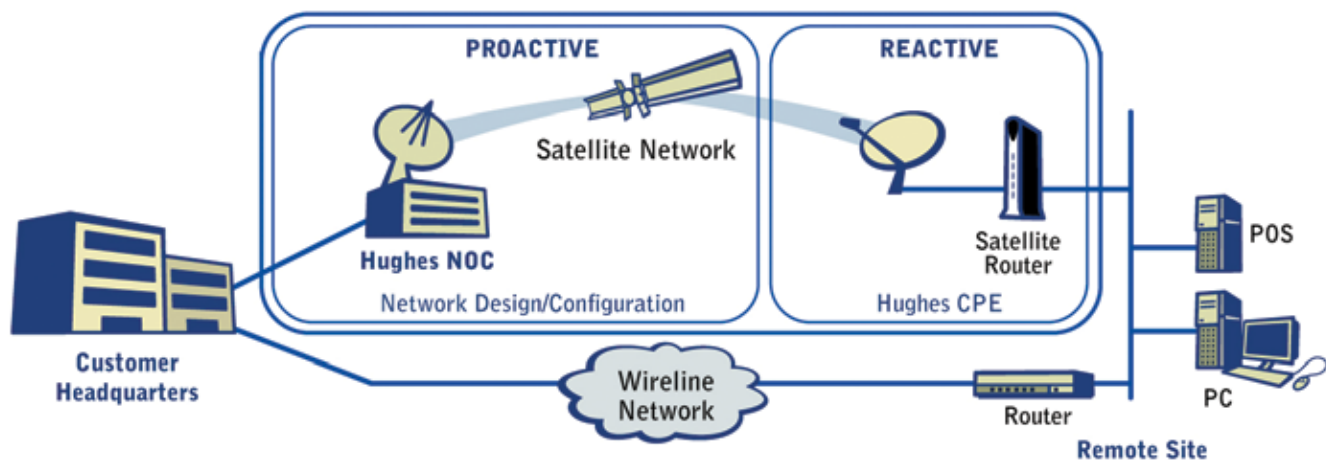
HughesNet ENR is designed for:

- large, distributed enterprises with network continuity requirements or sites in disaster-prone areas
- federal, state, and local government agencies
- rescue and relief organizations

- critical infrastructure support and capacity planning
- end-to-end network operations
- hardware installation/maintenance/repair

Most importantly, HughesNet ENR ensures the network availability, reliability, response, performance, and economics to support your long-term business requirements.

Other offerings in this suite of emergency services include Access Continuity and Emergency Business Internet.



G-28895 AI

Emergency Network Restoral Network Architecture



About Hughes

- market leader in broadband technology and service
- top-tier managed network provider
- 110,000 fully-managed locations
- 10 million+ financial transactions transported daily
- 1500 employees
- \$800 million in revenue (2005)
- global service delivery
- large scale deployments: 25 networks of 1000+ sites

Why choose Hughes?

Nothing beats experience when it comes to meeting complex communications needs. For over 30 years, Hughes has led the market with satellite technology, enterprise networking, innovation, and service. Now, with combined satellite and terrestrial platforms and single-source management, the HughesNet Emergency Network Restoral service enables customers to maintain seamless connectivity and business performance—no matter what disasters Mother Nature or man might devise.

In addition to Emergency Network Restoral, HughesNet Managed Network Services includes:

HughesNet High Availability VPNs—a highly cost-effective offering that combines the best of satellite and terrestrial broadband technologies to form a single, integrated, fully-managed network with two diverse paths for each network location; and

HughesNet Optimized VPNs—a fully-managed broadband offering that creates a seamless IP enterprise network using DSL and satellite.

Other HughesNet offerings include a suite of managed digital media services to deliver content for digital signage, corporate communications, compliance training, and software updates in an affordable manner.

For more information about HughesNet Emergency Network Restoral services and other value-added HughesNet services, call a Hughes representative today at 1-866-240-3875 or visit our Website at www.hughesnet.com.

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