

Emergency Management



The Challenge

Fast, effective emergency response—anywhere, anytime

The iDirect Solution

Broadband speed IP communication by satellite—100% independent from terrestrial infrastructure

Communications and access to information is critical in any emergency situation. Response teams and their command centers need to be in constant communication regardless of location or access to traditional communications support. Their equipment must work in the worst situations, and be easy to configure, maintain and transport. It should also support any required applications (including voice, video and data), to cope with various situations. iDirect provides high-speed IP communication via satellite that is completely independent from terrestrial infrastructure. First response, medical or any emergency team can have full communication capability—whether the emergency is in a densely-populated urban area where the infrastructure is damaged, or a remote and isolated location where no infrastructure exists. Our cost-effective solutions are easy to transport, configure and manage. iDirect provides:

- Fast deployment on short notice, with availability in a wide variety of weather conditions
- Portable (size and weight)
- Easy-to-deploy antenna systems
- High bandwidth reliability
- Built-in encryption ensures data security
- Central management
- Service that supports all IP applications and lower layers
- Toll quality voice and video
- Low power requirement

How it Works

All the power of broadband IP—delivering the capabilities users need

Unparalleled two-way VSAT satellite communications matches the quality and performance of terrestrial networks. The iDirect Satellite Router is a compact terminal that delivers a satellite modem, IP router, TCP optimization over satellite, 3DES/AES Encryption, and QoS/prioritization all in one easy to deploy solution. And the Satellite Router provides mobile units with:

- **Broadband Access** – The highest TCP/IP throughputs in the industry, with speeds up to 18 Mbps downstream and 4.2 Mbps upstream.
- **Application Support** – Deploy any HTTP application, and simultaneously support data, voice and video to multiple locations while guaranteeing the delivery quality.
- **A Centralized NMS System** – Manage all your remote units from a central location.
- **Increased Bandwidth Efficiency** – Support more applications and carry more traffic over your available bandwidth.
- **Support Real Time Applications** – Deploy applications like voice and video with the most flexible and granular Quality of Service (QoS) capabilities in the industry.
- **Capacity Optimization** – 1.2 Carrier Spacing delivers 14% savings in bandwidth, and by using a native IP solution you save 10-50% capacity compared with inefficient MPEG Encapsulation.
- **Security** – The iDirect solution enables the deployment of government or corporate approved VPN solutions over satellite networks without loss of either TCP performance or support for real-time applications such as VoIP and streaming video.

Developed specifically to deliver all the functionality of traditional landline services, the iDirect solution delivers the speed, performance and flexibility to fulfill the most demanding requirements of today's end users — anywhere.

Take your communications anywhere, extend your broadband service anywhere in the world, economically, quickly and easily, with iDirect.

