



Emergency Communications

From first response to recovery be prepared with Iridium

Local and national governments are more aware of the need for reliable, global and portable communications systems to complement or replace existing equipment when other systems fail. Iridium offers first responders a mobile, ground infrastructure independent, solution that can be used for voice and data communications. Iridium-enabled applications are used by front line personnel to track assets and redirect important equipment. Rapidly deployable solutions mean that from the first sign of disaster to the final phases of rebuilding always-on, clear communications are possible using Iridium.

Applications

- Fixed Voice communications (single and multi-line)
- Mobile Voice communications (handheld and vehicle mounted)
- Asset Tracking
- Short Message Service (SMS)
- E-mail
- Prepaid Service
- Postpaid Service
- Scratch Card Service—enables many users to share one piece of equipment
- Mobile Communications Centers—ideal for providing communications to displaced persons and field workers

Equipment

- Iridium Handheld Phones
- Iridium Voice and Data Modules

- Iridium Data-only Modules suitable for asset tracking
- Fixed Terminals—in-building installations available with a variety of antenna configurations for permanent rooftop installation
- Docking Stations
- Vehicular Mount Antennas
- Multi-channel Terminals for in-building use that easily connect to a PABX or RJ-11 phone jack



- Interoperability Platform for seamless integration of Iridium into existing communications systems
- Battery Packs installed in buildings for back-up power
- Solar Chargers

Benefits

- Global Coverage—the only system capable of providing service anywhere in the world
- Quick Setup and Rapid Deployment
- Worldwide distribution network
- Training, customer service and consultation tailored to each customer's needs
- Calls transit inter-satellite links which means less reliance on ground infrastructure.
- Iridium's ground earth station is highly secure and the Tempe, Arizona location ensures a low probability of being affected by natural disasters.
- Iridium to Iridium calls go directly from satellite phone to satellite phone, never relying on ground transport.
- Instantly available when relief workers first arrive on site. Throughout the recovery period, Iridium service is available on both a mobile and fixed basis.

- No advance contractual arrangements/ reservations necessary
- Iridium equipment can be rented, leased or purchased
- Interoperable with other first responder communication tools. Compatible with existing emergency communication systems, including cellular, two way land mobile radios (VHF, UHF and HF) when an interoperability platform is utilized.
- Real-time tracking and communications with critical assets



Asset Tracking Example

“ Shortly after the World Trade Towers were struck, [the phone company] lost all service from their West Street Central switching office. My cell phone was essentially useless, as was our landline home line. I walked out to a clear area on our street and turned on my Iridium handset. It quickly responded with “Registered” and the signal came up. It meant more than I can say to have that call go through at that moment. I carry my Iridium handset regardless of how short a trip may be. Your service is an indispensable communications tool. ”

—Gerald Anzano, ING Asset Management

Iridium has a long history of providing emergency communications solutions to first responders. Front line personnel have looked to Iridium to provide critical communications during times of crisis: World Trade Towers and Pentagon 9/11 (2001); South Pole Rescue (2001); Indian Ocean Tsunami (2004); Hurricane Season in the U.S. and the Caribbean (2003, 2004 and 2005); Pakistani Earthquake (2005).



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