



**PROVIDING  
UNRIVALED CERTAINTY™  
FOR EMERGENCY  
COMMUNICATIONS**

Every year, the world experiences extreme weather and events, both natural and man-made, from cyclones and tsunamis to droughts, earthquakes, terrorist attacks, and even pandemics. Isotropic understands that during these unpredictable times, always-on, reliable communications are essential for both disaster response and recovery. That's why our products and services for emergency services are designed to provide unrivaled certainty in times of crisis.



## What Are Emergency Communications?

During disaster response, speed and information count. When they're racing to a scene, first response teams need connectivity to begin gathering information so they can hit the ground running. Once there, robust, easy-to-deploy communications must be available so first responders can patch into FirstNet, coordinate life-saving actions, and keep in contact with command centers. During recovery, access to communications for individuals and families affected by a disaster ensure they can let loved ones know their location and status, and stay in touch with news and developments.

Today, emergency communications entail much more than simple voice communications. As first responders leverage more sophisticated technologies, they need a solution that can handle TV and radio signals, video streamed from drones, data collection and transfers, communications between Internet of Things devices, and more.

With satellite, NGOs and first responders can rely on their communications working with unrivaled certainty. Whether Wi-Fi or cellular coverage are intact, damaged, or nonexistent, satellite ensures there's no gap in coverage, no matter what the communications landscape looks like.

## Solutions Built on Experience

Isotropic has been serving the emergency response community with its highly reliable connectivity solutions for over 25 years. We've assisted first response teams responding to hurricanes in Puerto Rico, the Bahamas, Florida, Texas, and the Eastern

Seaboard; wildfires in California; tornadoes throughout the Midwest; organized public gatherings in Nevada; and more. With our experience in diverse emergency situations, we have developed an unparalleled breadth of satellite emergency services.

**Our satellite links are completely independent of terrestrial communications infrastructure, so there are no single points of failure in your network.**



## The Isotropic Solution: The Emergency Communications Platform

Isotropic's Emergency Communications Platform (ECP) is designed to give first responders unrivaled certainty in their communications solution. The ECP combines state-of-the-art technologies into a single, easy-to-use, and compact solution that includes an iDirect iQ 200 modem board integrated in a Kymeta u8 terminal, all enhanced by Isotropic's Datadragon bandwidth monitoring and management platform.

The ECP is supported by Isotropic's customizable flat-rate flexible service plans designed to scale and work not only with the ECP, but also with preexisting technology configurations.

With the ECP, first response teams can deploy communications on the way to a scene, switch effortlessly and instantly between VSAT and LTE, and monitor and manage available streams of bandwidth to ensure connectivity when and where it matters

## A reliable, redundant network for always-on connectivity

With the best uptime and service levels in the industry, Isotropic knows a thing or two about reliability. Our satellite links are completely independent of terrestrial communications infrastructure, so there are no single points of failure in your network. We can also help emergency responders partition secure voice and data communications onto a separate network, unavailable to the general public, so they can operate efficiently and effectively even when local cellular networks become strained.

Isotropic offers several options that ensure seamless interoperability, such as a scalable platform that can connect land mobile radios with cellular phones, laptop computers, and desktop computers. Our interoperative platform also allows users to stream live drone video in real time to any location in the world, regardless of how each viewer is connected to the internet.

### Plans that fit your budget and needs

At Isotropic, we have created low-cost, reliable solutions tailored to the precise requirements of emergency responders. We offer low monthly service plans with a large variety of bandwidth-on-demand options. This is an economical solution for enterprises, local governments, or emergency services to deploy.

With our continuity plans, customers can subscribe to minimum service levels that maintain satellite emergency equipment active on the network and, when required, can switch to full throughput with one simple phone call.

### Service you can count on

The team at Isotropic consistently goes above and beyond to ensure that our clients are getting the very best service possible—we won't hesitate to hop in our corporate jet to troubleshoot in person. We take pride in investing our time and effort up-front to ensure our customers receive the best hardware for their applications. At Isotropic, we highly value the work of our first responders, which is why we guarantee your service will work every time, anywhere, no matter the situation.

Please visit us at [www.isotropic.network/isotropic-emergency-communication-platform](http://www.isotropic.network/isotropic-emergency-communication-platform) to schedule a complimentary assessment of your current system and to learn more about the Emergency Communications Platform—the latest solution from Isotropic.



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