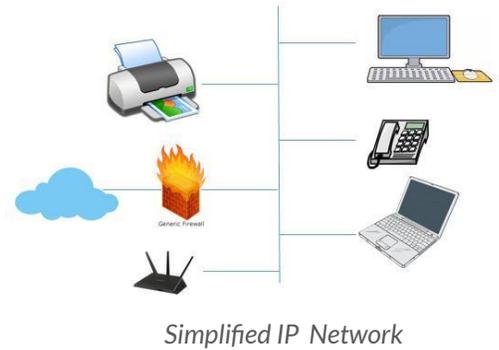


THE CHALLENGE

Today’s enterprise can no longer operate efficiently without an always on IP network connection. Desktop applications have moved to the cloud, VoIP has replaced PSTN-based voice circuits, e-mail has replaced snail mail and facsimile, and secure electronic storage at off-site data centers has replaced the ubiquitous sheet metal file cabinets of the past. The implication of these changes is that an IP network connection is now essential to virtually every workflow process of your business.

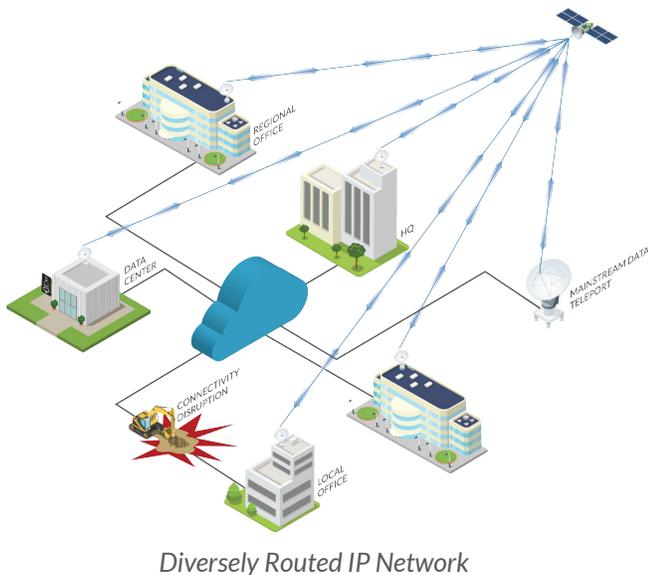
Broadband Internet Service Providers (ISPs) are continuously investing in building out network infrastructure to satiate the demand for higher access speeds and expanding a network architecture capable of self-healing in the event of an equipment or facility failure. But too many rural communities are either underserved or unserved by these build outs leaving a critical gap in your ability to procure a truly diverse backup path to sustain connectivity to your customers, data centers, and partners. This lack of diversely-routed circuits puts your business at risk of coming to a standstill for hours or perhaps even days in the event of a failure.



Consumer satellite IP networking solutions, which are popular in rural locations, are not designed to support the demanding requirements of your business. These consumer offerings are often oversubscribed, causing common business applications to fail when you need them the most.

THE SOLUTION

Mainstream’s two-way satellite IP network uses COTS enterprise-grade hardware provided by iDirect to deliver secure wireless connectivity to your site through a path that is immune to the hazards of terrestrial networks such as cut fibers or downed overhead lines.



The service is enabled through the installation of a small satellite dish (typically installed on the roof), an IP satellite modem, and a Layer 3 switch. The Layer 3 switch continuously monitors your primary network connection. When the switch detects an issue with your primary IP network, it will seamlessly route your most critical applications to the satellite network.

Traffic is then automatically rerouted back to your primary IP network after the issue is resolved.

Advanced QOS capabilities of the IP satellite modem prioritize latency sensitive traffic such as VoIP, and other applications using UDP, to ensure that your most important communications needs are met.

Mainstream's Business Continuity service can be tailored to the specific needs of your business, whether you are looking to protect a single location, or a large network comprising many hundreds or even thousands of locations.

The service is offered as a fully managed IP networking solution. Mainstream provides all necessary equipment, satellite space segment capacity, transmission, installation services, and 24X7 network monitoring and support.



- Seamless switching between terrestrial and satellite networks
- Customizable and scalable to meet your current and future requirements
- 24x7x365 monitoring & support included
- Rapid installation and commissioning by professional installers
- Immune to terrestrial networking hazards

ABOUT MAINSTREAM

Mainstream Data is one of the largest and most experienced fully integrated satellite-based IP connectivity providers in North America. The company has commissioned more than 10,000 remote VSAT sites since it installed its first two-way VSAT hub in 2003. Mainstream Data's focus is providing customized IP connectivity to and IT hosting solutions for enterprise customers.

As an iDirect hub owner and teleport operator, Mainstream Data maintains complete control over all aspects of its network enabling it to provide an unparalleled level of customization to its customers. The company has invested millions of dollars into its owned-and-operated teleport and Network Operations Center (NOC) and has recently contracted with a second world-class independent teleport to provide both geographic and satellite diversity enabling it to offer its customers a higher level of network availability, when required.

Mainstream Data provides satellite-based connectivity to enterprise customers to whom Internet or intranet connectivity is mission, revenue, or even life critical and to customers who operate in regions which are unserved or underserved by traditional terrestrial infrastructure.

Contact us today to learn more.