

Advancing a Connected World





# Wherever They Are, People Count on Constant Connectivity.

---

People and organizations rely on ready access to voice, video and information to drive their critical applications — across continents, time zones; and even the most challenging and diverse environments.

The need is universal. Organizations want the same level of bandwidth that flows through headquarters to fuel business in even the most remote corners of the world. And they want coverage stretching across land and sea and reaching into the sky, enabling broadband connectivity wherever it may be required.

IP satellite technology can maximize the full potential of any network — delivering fast, nonstop connectivity that transcends traditional barriers of time and place.

iDirect® brings innovation, integration and intelligence to satellite-based IP communications. We take global IP networks anywhere, enabling people to better connect and collaborate. Access information. Track assets. Improve productivity. Build economies. Accelerate commerce. Expand exploration.

*Today, in countless ways that reach people and organizations everywhere, iDirect is advancing a connected world.*

# We're Advancing a Connected World Today.

---

## Advancing **Commerce**

In the competitive retail world, a network failure means angry customers and lost revenue. iDirect enables the satellite failover that keeps stores in business through inevitable terrestrial network outages. And when retailers want to broadcast content to digital signage displays simultaneously to every store, we make it happen — with instant updates of the latest promotions available on the spot.

## Advancing **New Business Growth**

Both business and individual subscribers to cellular phone networks and Internet access are reaching record numbers in emerging countries. We extend into outlying areas no matter the distance, weather challenges or terrain. With cost-effective networks, we bring new advantages to the smallest, most remote corners of the world.

## Advancing **Education**

Whether it's Internet access for rural classrooms beyond the reach of terrestrial broadband or distance learning through interactive IPTV channels, educational networks based on iDirect systems are there, enriching lives and opening doors for students everywhere.

## Advancing **Global Exploration**

iDirect plays an important role in the efficient extraction of the earth's minerals, oil and gas that keep the world moving. We enable high-speed satellite connections that allow scientists to analyze complex data from the furthest, most inhospitable regions of the globe, ensuring the supply of vital natural resources for future generations.

## Advancing **Military Communication**

From regional command centers to the front line, iDirect provides the most advanced satellite communications technology to governments worldwide. iDirect is on the ground, at sea, in the air — anywhere that secure, reliable and mobile transmission is imperative.

## Advancing **Relief Help**

Earthquakes, extreme weather and other natural disasters can quickly thrust entire regions into total communications blackout with no way to coordinate relief operations and provide emergency supplies. iDirect helps relief teams leverage satellite communications to deliver lifesaving services that don't depend on terrestrial infrastructure.

## Staying ahead...

While some retail locations must wait for high-speed terrestrial circuits to arrive before opening their doors, others don't waste any time. They use iDirect technology for all voice, data and video applications immediately, opening stores for business faster.



## Core Design Principles Drive Innovation.

Our overarching development philosophy is simple. Make it efficient. Make it scalable. Make it work anyplace, anytime no matter what the connectivity requirements. All iDirect technology is developed to a universal set of requirements to enable service providers to meet any customer need, no matter the application, bandwidth, satellite or topology.

- 1. Everything's integrated.** An integrated system brings greater choice and control from configuration to deployment and maintenance.
- 2. Efficiency rules.** We take the industry's most ambitious, aggressive approach toward delivering better and better bandwidth efficiency.
- 3. Scalability pays.** Our product portfolio enables service providers to enter markets affordably, scale quickly to seize new business opportunities and stay one step ahead of competition.
- 4. Flexibility matters.** Our customers can act quickly, prioritizing bandwidth and applications on the fly with zero barriers.
- 5. Intuitive management takes priority.** We make managing large, complex global networks second nature.

# iDirect Intelligent Platform™

## One Platform, Endless IP Applications.

The iDirect Intelligent Platform is a single, integrated satellite communications system that enables service providers to meet any customer requirement.

It integrates advanced technology into iDirect's portfolio of hubs, routers and network management software to answer the growing complexity of deploying and managing global IP networks.

### iDS/iDX Software

Integrates advanced features throughout the entire iDirect product portfolio

- Advanced IP Routing
- Global NMS
- Security
- Automatic Beam Switching
- Quality of Service
- Spread Spectrum

### iVantage™ Network Management System

A suite of tools for configuring, monitoring and controlling satellite networks from one location.



### Hub Series

A range of hubs provides greater flexibility to deliver the highest level of connectivity, regardless of application, bandwidth, satellite or network topology.



### Remote Router Series

A series of routers designed to suit the needs of any size organization as a "single box" all-in-one solution.



### Endless Applications



The iDirect Intelligent Platform allows network operators to meet a multitude of current and emerging needs while maximizing overall operational efficiency.

## Staying in touch...

iDirect technology is at the heart of an armed forces network of nearly 800 locations providing high-quality voice, video and Internet connectivity, allowing service personnel to stay in touch with family and friends back home.



# iDirect Advanced Technology Revolutionizes Satellite Communications.

Our native-IP approach — the DNA inside all iDirect products — ensures seamless integration into diverse enterprise networks and broadband access to the Internet. Intelligent routing of IP data optimizes traffic for satellite transmission, minimizing expensive satellite capacity, overcoming latency and providing the highest Quality of Service.

Today, the adoption of iDirect advanced technology is growing rapidly throughout the world, trusted to support the most critical IP applications.

## **New bandwidth efficiencies**

Advanced modulation makes dynamic adjustment of carrier parameters possible, automatically optimizing satellite bandwidth according to changing weather conditions. Bandwidth efficiency is maximized across the entire network. Our Group Quality of Service ensures that applications are intelligently prioritized, allocating network bandwidth to support even the most demanding mix of real-time, business-critical and best-effort traffic.

## **Making complex network management simple**

iDirect's leading iVantage network management system simplifies the way network operators manage even the most complex global satellite networks. Built-in intelligence provides instant failure alerts and real-time network performance analytics, all from one place, for thousands of remote sites.

## **Security in any environment**

AES link encryption ensures the secure transmission of customer data. Military-grade TRANSEC and FIPS compliance provide higher levels of security for the most sensitive, mission-critical government and military communications.

## **True mobility takes global IP networks anywhere**

From military vehicles on patrol to maritime vessels, continuous communication on the move is maintained. iDirect's spread spectrum, automatic beam switching and Global NMS features provide seamless, reliable connectivity as ships, vehicles and aircraft roam between satellite footprints.

## **Advanced IP routing capabilities**

With IP routing protocols such as BGP and VLAN Tags, the iDirect platform seamlessly integrates into core MPLS networks.

## iDirect Turns Connectivity Challenges into a World of Opportunities.

---

Our partners are the backbone of our success. All iDirect products are sold exclusively through a diverse global network of more than 350 channel partners. Together we actively collaborate to solve specific customer business problems and to integrate seamlessly with broader network offerings.

The iDirect Professional Services team, with a growing portfolio of more than 20 specialized service offerings, provides dedicated support to meet installation deadlines, maintain project costs — whatever it takes.

Inside iDirect, the engineers and network experts of the Technical Assistance Center (TAC) deliver round-the-clock assistance in more than a dozen languages. Our Global Training Team uses the latest integrated tools, best practices and full knowledge base to ensure the most successful network installation, operation and management.

Together we all share the promise to maximize your iDirect investment and advance your business so you're best prepared to meet tomorrow's opportunities in our connected world.



---

**iDirect**

13865 Sunrise Valley Drive  
Herndon, VA 20171  
+1 703.648.8000  
+1 866.345.0983  
[www.idirect.net](http://www.idirect.net)

*Advancing a Connected World*

**iDirect Europe**

London

**iDirect MEA**

Dubai

**iDirect Asia**

Singapore  
Beijing  
Hong Kong