




Asset Tracking to  
Increase Efficiency,  
Security and Safety



# Iridium **SBD**

Short Burst Data Service



Information  
is power.  
And Iridium  
SBD delivers.  
Everywhere.

## Worldwide Tracking and Monitoring

In this global economy, there is a critical need for government and industry to track, monitor and exchange data with remote assets which are often deployed across multiple countries and continents beyond range of terrestrial wireless connections.

*Iridium Short Burst Data (SBD) service provides this capability simply and reliably.*

Iridium's global, low-latency SBD service provides the ideal solution for monitoring and updating status on everything from containers and trucks to planes and ships. With Iridium SBD, it's possible to integrate mobile assets into an organization's enterprise resource planning and logistics management using compact equipment and a single communication carrier.

And, since it is connected to the only truly global mobile satellite communications network, it works anywhere on the planet, with no expensive roaming charges or

multiple service agreements. From the North Pole to the South Pole, Iridium SBD is always connected and backed by unmatched network quality and world-class technical support.

## Growing and Diverse Customer Base

Iridium's value-added resellers are continually developing and deploying Iridium-enabled data solutions for a wide range of industries, such as oil and gas, transportation and industrial markets.

Iridium's low-latency SBD links provide near real-time visibility across the organization's logistics chain. Operations can track and monitor the location of pallets of supplies. Construction firms in remote and potentially dangerous parts of the world can ensure the safety and security of equipment and personnel. Shipping companies and their customers can track and monitor high-value cargos from portal to portal.

## Deployed in Mission Critical Applications

The possibilities are endless. Iridium SBD solutions are deployed to provide long-range identification and tracking (LRIT) of ships at sea, automatic flight following (AFF) for aircraft in the air, transmitting warnings from tsunami buoys in the open ocean, and even monitoring the safety of individuals when working alone on pipelines on the northern and southern poles.

**Iridium Short Burst Data Service delivers the information you need for asset tracking and monitoring – anytime you need it, anywhere on the planet.**

## Commercial Short Burst Data traffic over one month



### Small Device and Antenna

Iridium's 9601 SBD modem is designed for easy integration by value-added resellers into customer-driven devices. The unit's low power requirements and small form factor make it an ideal embedded satellite data solution for all sorts of applications. Iridium's 9522B transceiver provides voice and data communications, ideal for maritime safety applications, flight monitoring and military operations.

Deployed in mission critical applications today, Iridium devices are thoroughly field-tested under some of the harshest environments known to man – from the frozen Arctic to equatorial deserts, and from high-altitude aircraft to robotic scientific gliders that submerge deep beneath the sea.



*Iridium 9601 SBD data modem*



*Iridium 9522B voice and data communications*

### Network Features

- Only truly global solution
- Low-latency data links
- One price globally
- Single global agreement
- Optimal for 270 character mobile terminated, 340 character mobile originated messages

### Iridium Devices

- Iridium 9601 Short Burst Data modem
- Iridium 9522B L-Band Transceiver

### Applications

- Asset tracking
- Fleet management
- Telemetry
- Pipeline monitoring
- Disaster and emergency response
- Environmental monitoring
- Oceanographic data
- Homeland security
- Regulatory compliance
- Remote worker safety
- Network monitoring

**Only one communications company connects the entire globe**

Iridium is the world's only truly global mobile communications company, with coverage of the entire Earth, including oceans, airways and Polar Regions. Iridium voice and data products provide communications solutions that allow global companies, government agencies and individuals to stay connected, everywhere. The unique Iridium constellation of 66 Low Earth Orbiting (LEO) cross-linked satellites routes communications traffic through space and around the world, creating highly efficient and reliable connections.

**[www.iridium.com](http://www.iridium.com)**



RELIABLE • CRITICAL • LIFELINES