



Construction and Mining

Hardworking Solutions for the Changing Landscape of Global Communications

a

OVERVIEW

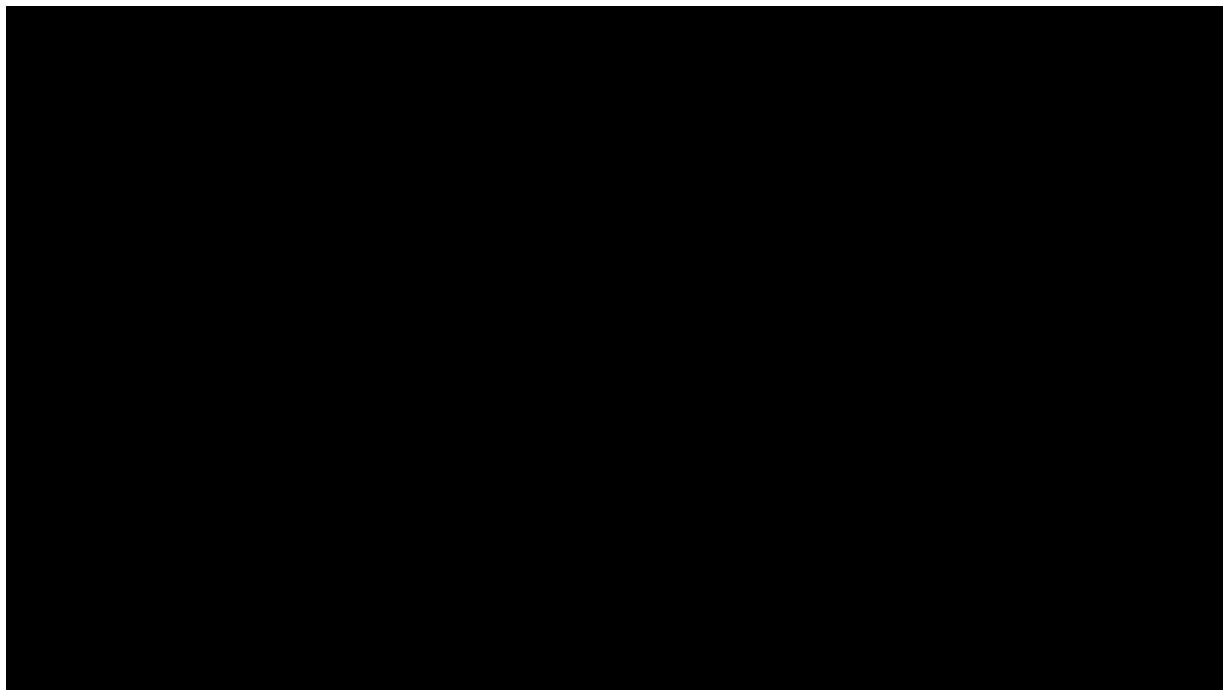
Optimize Operations and Manage Assets, Anywhere on the Planet

With equipment and personnel scattered across the most out-of-reach areas, mining and construction operations face increasing pressures to become more efficient, compliant, productive and profitable. That means going farther, working harder and communicating better than anyone else.

Iridium and its partners deliver reliable, high-performance solutions for smart construction and mining, management of people and assets, lone worker safety and remote communications — no matter how remote the work sites.

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Exceptional Reach, Reliability and Return on Investment

A global communications leader, Iridium and its partners deliver key advantages for construction and mining operations around the globe — now and far into the future.

- Reliable, pole-to-pole satellite coverage in remote and rugged environments
- Data plans optimized for the varying needs of the market, from yellow steel to mining crew communications
- Flexible airtime packages ideal to increase cost efficiency
- Cost-effective Iridium core technologies that can easily integrate into cellular-connected, multi-mode devices
- Innovative, easily-integrated and fully-scalable technology

ASSET MANAGEMENT

The Power to Make Better-informed Decisions

Iridium works directly with original equipment manufacturers to facilitate construction and mining workers timely access to information needed to make critical decisions in the field — helping maximize production and help reduce overall operational costs.

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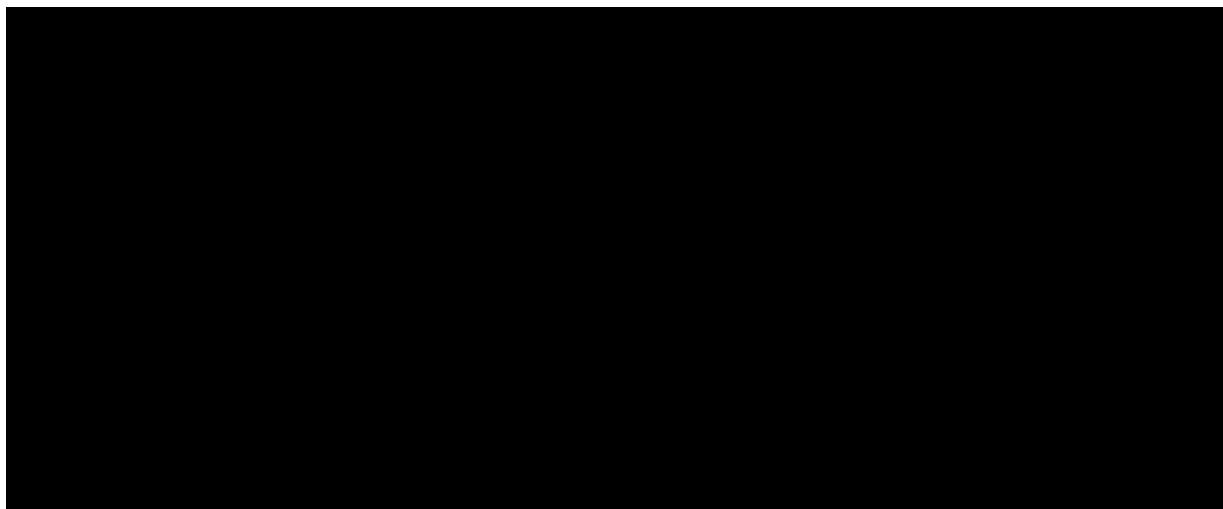
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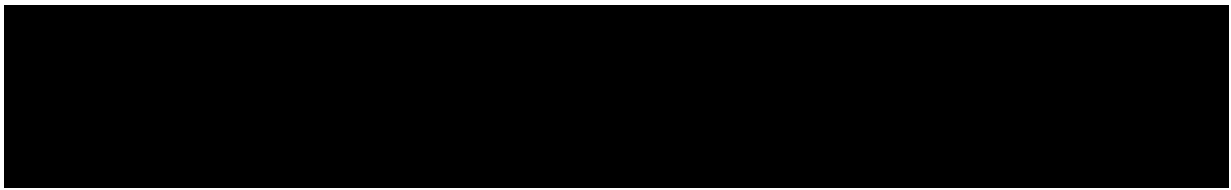
Stay in Touch with Assets Around the Globe

Using the power of Internet of Things (IoT), Iridium and its partners give you access to the information you need, when you need it, helping you to:

- Monitor and optimize equipment use, maintenance and security
- Lower ownership and operating costs
- Reduce equipment failure and downtime
- Increase efficiencies, improve productivity and resale value
- Maximize and protect investments
- Meet compliance requirements related to quality and worker safety

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CONDITION MONITORING

Anticipate and React to Changes in Near Real-time

Keeping track of the state of your assets can be a challenge. Doing it with fleets of assets scattered around the globe can be an even bigger one. Iridium and its partners provide near real-time access to high-value data — letting you take actions to prevent possible failures and potentially avoid costly consequences.

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Take Advantage of Timely Telematics Data

Iridium construction and mining solutions provide near real-time access to high-value data, giving you a precise picture of asset performance and status, including:



- Engine Hours and Status
- Pressure Measurements
- Performance Indicators
- Hydraulics Operation
- Temperatures



- Fluid Levels
- Fuel Levels and Consumption
- Condition-based Monitoring
- Service Indicators



- Security Alerts
- Dashboard Cautions
- GPS Information
- Location Monitoring
- Geo-fencing

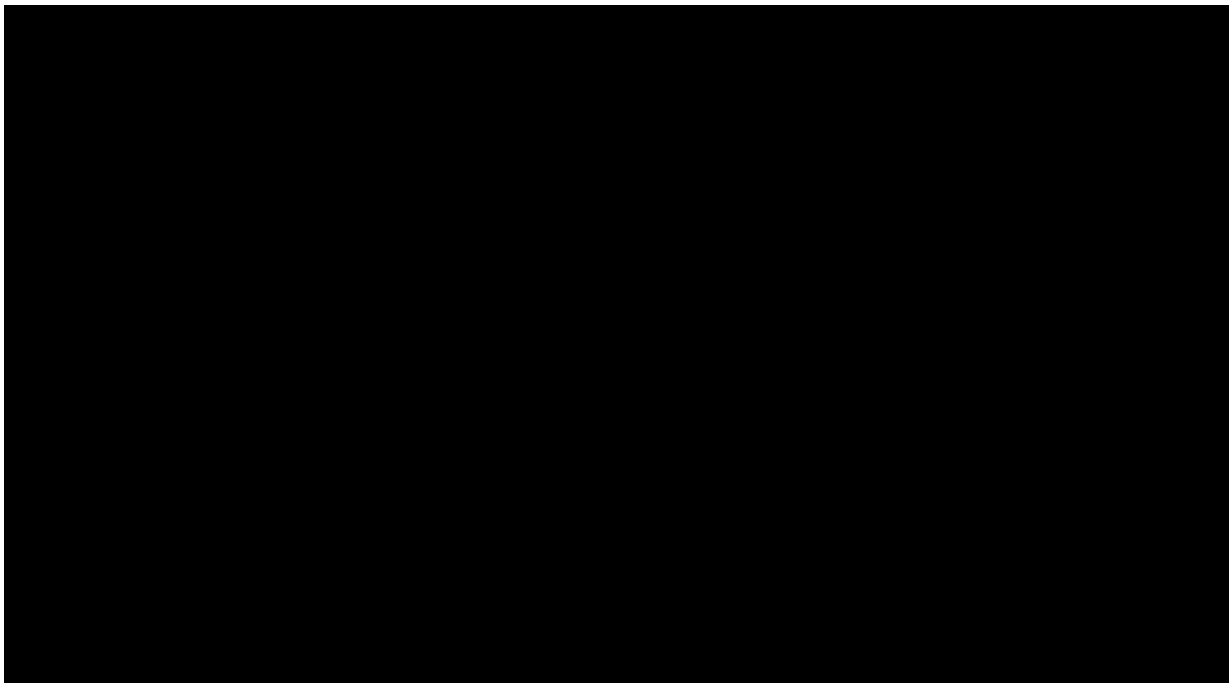
LONE WORKER

Enhance Personal Safety and Response Times

Lone workers, particularly in remote areas, face heightened safety and communication challenges. Iridium and partner solutions help you mitigate risk and respond quickly to any situation with location-based services, safety alerting, man-down systems and low-latency two-way communications capabilities around the globe.

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Extreme Peace of Mind — Even Underground

Ruggedly engineered for tough conditions, Iridium Extreme® puts versatile, high-performance communications in the palm of your hand. Lone workers can access voice, SMS and location-based services, plus an integrated SOS button — including underground with the use of extended reach partner antennas.

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REMOTE COMMUNICATIONS Connecting the World Like No Other

Iridium extends the reach of voice and data communications far beyond the limits of traditional networks, putting more innovative capability — and more ways to connect — into the hands of our customers, everywhere.

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Dependable Communications, Anywhere the Sky Meets the Earth

Powered by the high-speed, high-value Iridium OpenPort® broadband service, Iridium Pilot Land Station® delivers flexible, low-cost terrestrial communications for your remote business operations — even when there are no other options.

- Data applications like email, web browsing or social media
- Up to three simultaneous voice calls, even during data transmission
- Simple mounting on buildings and tripod for quick deployment

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Push-to-Talk is Smarter and Tougher Than Ever, Everywhere

Iridium Extreme® PTT is the world's first truly global push-to-talk device. It combines fast, simple and secure group communications with the power of the toughest, most feature-rich PTT-enabled satellite phone on the market — in an instant, anywhere.

Engineered to support high intensity users in some of the harshest environments, Iridium Extreme® PTT is a completely mobile satellite handset that gives your team access to unparalleled situation awareness and control features.

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