

Iridium Social Responsibility

Wildlife & Environmental Protection

Tatiana Lawrence

Vice President International & Regulatory

Iridium





The Iridium[®] Network: Reliability Above All[®]

66 Active Satellites

- 6 orbital planes with 11 satellites each
- Plus 9 in-orbit spares
- Plus 6 ground spares

Low-Earth Orbit (LEO)

- Enables reliable communications anywhere in the world

L-band System

- Allows for transmissions even in adverse weather conditions

Satellite Crosslinks

- Creates low-latency, resilient, high-quality connections





Iridium Communications (IRDM) - Snapshot

In order to best support an extensive range of markets, Iridium is organized into four commercial lines of business, in addition to supporting our government customers' unique requirements.



ASSET / FLEET
MANAGEMENT
REMOTE SENSING
ENERGY
INDUSTRIAL
AUTONOMOUS
SYSTEMS



SHIPPING
FISHING
RESEARCH
LEISURE
WORKBOATS
CONNECTED SHIP



PERSONAL
COMMUNICATIONS
& SAFETY
TRANSPORTATION
FIRST RESPONSE &
DISASTER RELIEF
BUSINESSES
CONTINUITY



BUSINESS &
PRIVATE JET
COMMERCIAL
(COCKPIT)
GENERAL AVIATION
ROTORCRAFT
UAVs



U.S. GOVERNMENT
MILITARIES
GLOBAL
GOVERNMENTS
LOCAL GOVERNMENTS
NGOs
RESEARCH



We Make a Difference

Social Responsibility at Iridium

We are exceptional people who continually execute on cutting-edge products and services with integrity, professionalism, and inclusion. **We make a difference today, and for future generations, through the lives we touch by creating reliable connections for and within our communities.**

Through support of education, sustainability initiatives, and disaster preparedness and relief, as well as corporate volunteering and philanthropic efforts, Iridium carries out its pledge to make the world a better place. Iridium strives to set examples for those it works with, for, and around with high standards of corporate citizenship.



**Disaster Preparedness
& Relief**



**Environmental, Wildlife,
& Space Sustainability**



**STEM (and STEAM)
Education**



Anti-Poaching & Wildlife Tracking



Iridium works with partners to deliver critical animal tracking solutions around the globe.

- Track animal migration patterns
- Monitor rare wildlife species
- Alert rangers of urban animal intrusion
- Record images of potential poachers and discourage human disturbances





Case Study: Iridium® PTT Helps Create Coexistence Between Communities and Wildlife in Kenya



IRIDIUM CONNECTED® BY
Iridium Extreme® PTT

IRIDIUM SERVICE
Iridium Push-To-Talk

PARTNER
Kinetic Six

THE CHALLENGE

Home to many diverse peoples and wildlife, the Kenyan savanna is monitored by community rangers who historically had to rely on a patchy network of radio and cell towers to stay connected.

THE SOLUTION

An updated system combining the group communication capabilities of Iridium Extreme® PTT devices and updated mobile phones created a secure, well-connected network of rangers.



Case Study: Iridium® Helps Monitor and Protect Rare Species Around the Globe



IRIDIUM CONNECTED® BY
Instant Detect

IRIDIUM SERVICE
Short Burst Data® (SBD®)

PARTNER
Zoological Society of London (ZSL)
Seven Technologies Group
Cambridge Consultants
Wireless Innovation

THE CHALLENGE

ZSL works to protect endangered species from threats such as poaching, illegal extraction and habitat loss in vast, remote, difficult to reach locations.

THE SOLUTION

Working with Iridium partners, ZSL developed a system that can capture data remotely and transmit it in near real time from any part of the world. This technology allows data to be gathered on a very large scale to complement scientists' manual data collection to monitor rare species and help anti-poaching efforts.



Environmentalism



Iridium is committed to environmental causes all around the globe. From climate change monitoring, to carbon footprint reduction, to wildlife protections, our technology enables many solutions designed to help make the world a safer, cleaner place.



Iridium supports environmentalism through:

- Carbon Footprint Reduction through Aireon
- The Ocean Cleanup
- Polar Research Solutions
- Wildlife Protection Solutions
- Global Climate Monitoring Solutions



Ocean Profiling & Climate Monitoring



- Governments and environmental organizations deploy ocean profiling floats that rely on the Iridium[®] network to transmit critical data from anywhere in the world.
- Floats measure ocean currents, temperatures, and salinity to help track climate change and the impact on the oceans.



Tsunami Early Warning



- Iridium and our partners deploy many applications that assist in disaster detection and early warning.
- Satellite IoT technology is used for tsunami monitors in the oceans by organizations like the National Oceanic and Atmospheric Administration (NOAA).
- Early warning systems allow residents to prepare for disasters or evacuate, ultimately saving lives.





Disaster Preparedness & Relief



Through our disaster preparation education, satellite communication trainings, emergency loaner program, and other resources, we are committed to help communities prepare disasters, and assisting in relief efforts after tragedy has struck.



Iridium supports disaster prep and relief through:

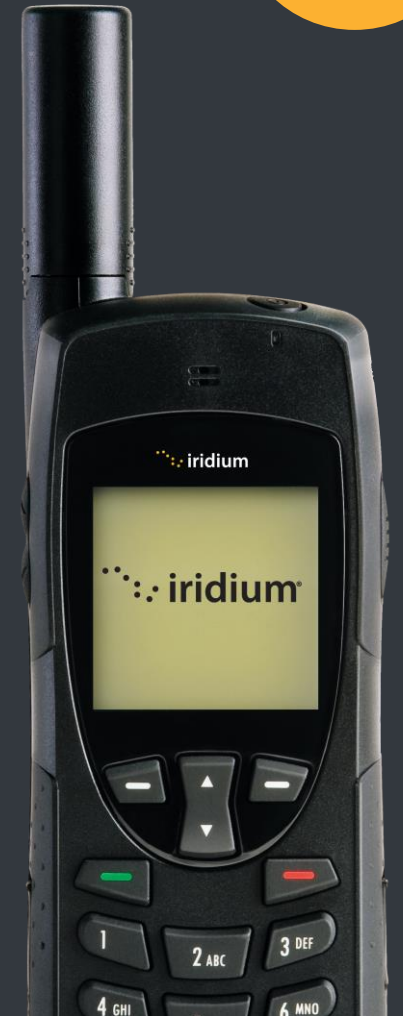
- U.N. International Telecommunication Union Donations
- Emergency Relief Sponsorship Program
- Disaster Prep Education & Resources
- Disaster Communications Support
- Business Continuity Planning
- Disaster Planning and Relief Solutions for hurricanes, tsunamis, first response, and climate change



Iridium & the United Nations ITU



- Iridium has donated 70 Iridium® phones and unlimited free service (airtime) for them to the U.N. ITU.
- After disasters strike, the ITU assists and coordinates with other U.N. agencies and provides telecommunications means to disaster relief teams and organizations around the world.
- Our donated phones have been used around the world for relief and recovery in some of the largest disasters in recent history, including:
 - *Indonesia Tsunami (2004)*
 - *Hurricane Ike, Uganda Floods (2008)*
 - *Tropical Cyclone Aila, Zimbabwe Floods (2009)*
 - *Haiti Earthquake, Pakistan Floods (2010)*
 - *Japan Earthquake (2011)*
 - *Hurricane Sandy (2012)*
 - *Sierra Leone Ebola Virus Outbreak (2014)*
 - *Nepal and Ecuador Earthquakes (2015)*
 - *Hurricane Matthew (2016)*
 - *Hurricanes Harvey, Irma, Maria (2017)*
 - *Papua New Guinea Earthquake (2018)*
 - *Cyclone Idai (2019)*



Questions?

LEARN MORE AT

www.iridium.com/company-info/corporate-social-responsibility



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