

iSafety™

Personal Locator Peace of Mind

❦ If one of your people is injured how will they get the help they need? With iSafety from M2M Data Corporation, you can rest assured that help will arrive.



Introducing iSafety

iSafety™ features the SPOT Satellite GPS Messenger device. This unique device contains a satellite communicator and GPS receiver, all in a single device that can be worn on the person. It runs on AAA batteries, is waterproof, dustproof, and shock resistant. And, because it communicates using Globalstar's satellite constellation, it works virtually anywhere, even when your cell phone doesn't.

Flexible Plans to Suit Every Operation

At M2M Data Corporation, we know operations. That's why we developed three different plans.

>> Level I - Basic Safety

With Level I service, you get unlimited check-in, help, and 911/SOS messages in emergencies. The last known location of each SPOT will be displayed on a map, with status indicated by color, green telling you everything's ok, yellow to tell you help is needed, and red to indicate that emergency personnel have been notified. You'll also get unlimited email and SMS alerts that can be sent upon change of status or whenever a message is received.

>> Level II - Safety and Tracking

With Level II service, you'll get everything in Level I, plus unlimited tracking. Whenever a user presses the track button, locations will be sent every ten minutes for a twenty-four hour period.

>> Level III - Safety, Tracking, and Operations

With Level III service you get everything in Level II plus custom locations, geofencing, and reports. You can upload the coordinates of your job sites or asset locations. We'll then set a

radius around your locations, and let you know whenever one of your people has arrived or departed. You can schedule a daily, weekly, or monthly report to show who arrived where and when.

Peace of Mind

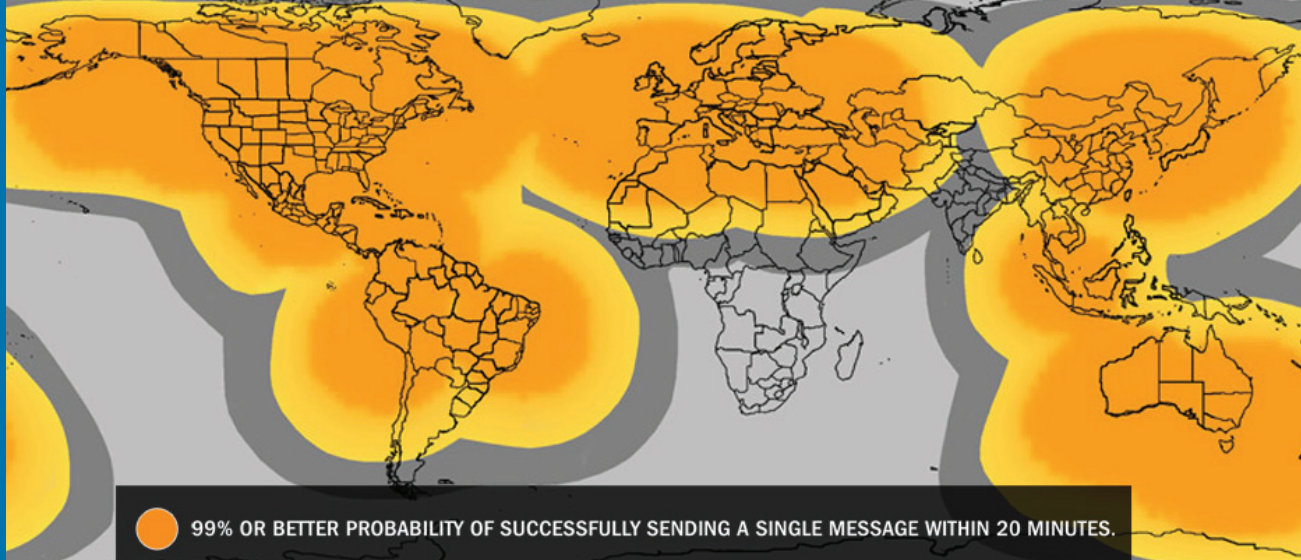
There are other solutions out there, but none are as complete as iSafety. Most other solutions utilize communications tied to a vehicle. It works fine if your emergency happens near the truck, but an accident is just as likely to occur while out of range as it is when near the vehicle. Other solutions utilize cellular communications, but can you count on having a signal when you need it? Only iSafety gives you the reliability you need in a safety solution.

Global Coverage

Whether you have people working on shore or off, in the US or abroad, the Spot combined with iSafety will ensure that if your people need help, they'll be able to get it.

Part of M2M's iServices™

iSafety is one of M2M's iServices Suite of products. Whether you're looking for safety, remote asset management, field data collection, dispatch, or machinery analysis M2M has a solution for you. iServices modular architecture gives you the flexibility to take advantage of one or all of the services through a single integrated portal. All you need is a connection to the Internet.



FEATURES

- S.O.S.** **SOS:** Emergency assistance request sent with your GPS location to GEOS every 5 min until batteries die or until cancelled
- Help/SPOT Assist:** Request help from friends and family every 5 min for 1 hour. Up to 10 contacts – phone & email
- Check In:** Lets contacts know where you are and that you're okay. Attempts to send three messages to help ensure successful transmission. Up to 10 contacts–phone & email. Contacts will receive only 1 message
- Custom Message:** Create custom non-urgent message to send to friends and family
- Track Progress:** Acquires your GPS location every 10 minutes for 24 hours. Sends each location one time. Previous 2 track points sent with current track point helping ensure consistent recording of movements
- Emergency Response Center:** GEOS is operational 7 days/wk. 365 days a year, operating out of Houston, Texas (2 addl. backup locations)
- Button Covers:** Prevent accidental activation of SOS or Help features
- GPS Signal Indicator:** Visual LED status of GPS signal acquired
- Message Sent Indicator:** Visual LED status of message sent
- Removable Case:** Flexible attachment solution providing Arm Band, Carabiner & Car Dash attachment. Reflective material
- International Communication:** Universally accepted icons to communicate button features
- Color:** Orange and gloss silver
- Replaceable Button Covers:** One set included

TECHNOLOGY

- GPS Satellites:**
21 ft (6.4 m) location accuracy
- LEO Satellites:**
1610-1620 MHz L-band frequency
- Satellite Speed:**
17,000 MPH
114 min. to circle earth
- Distance:**
876 miles (1414 km) above Earth
Altitude (twenty times closer than fixed satellites)
Requires less power
Less power usage allows more frequent updates
Less power usage allows other value-added uses
- Visibility:**
1 to 4 at any one time
More satellites for SOS detection than anyone
More satellites means signal can be detected sooner
- Angle of Detection:**
Constantly changing, helps in dense coverage
- Beam Coverage:**
Overlaps, increased detection probability
- Movement:**
Constantly, 8 planes 52° inclination
- Communication:**
If no GPS fix, SPOT sends distress signal without GPS position to emergency response center
Previous Check In or Track Mode data provides fast and close proximity

SPECIFICATIONS

- Certifications:**
FCC, IC, WEEE: Outside of Case
SAR, RoHS, CE1313: Inside Case
- Additional Specs:**
-Size: 3.7" x 2.6" x 1.0" (9.4 x 6.6 x 2.5 cm)
-Wt: 5.2 oz (147.4 g)
-SOS Transmit: 5 min. intervals until batteries die, 1350 transmissions on fresh battery
-Help/SPOT Assist Transmit: 5 min. intervals for 1 hr
-Check In/Custom Message Transmit: three times within 20 min. - only posts one
-GPS Lat. Lon. datum format: WGS-84
- Operating Environment:**
Temperature: -22°F to +140°F (-30°C to +60°C)
Altitude: -328 ft to 21,325 ft (-100 m to +6500 m)
Humidity: MIL-STD-810F Method 507.4 95% to 100% condensing
Salt Fog: Per MIL-STD 810E Method 509.3, 5% NaCl, 95% distilled water
Vibration: Per SAE J1455, Random, 20 Hz to 2000 Hz, 0.04g_{rms}/Hz
Water Proof: 16.4 ft (5 m) submersion for 1 hour
Buoyant: Yes
- Power:**
Batteries: 3 AAA lithium
Transmission Power: 0.16 Watts
Standby mode: 110 days
- LEDs:**
On/Off
OK/Check
Message
Track
SOS
Help
GPS Acquired
Message Sent

About M2M Data Corporation

M2M Data Corporation is the leading provider of remote asset monitoring and management services. With solutions for compression services, exploration and production, transportation and pipeline, power generation, and driver and automation equipment OEM segments, M2M's services help customers achieve operational excellence. With iServices, you'll be better able to honor contractual commitments, maximize production, and improve efficiency.



Want to learn more?

Visit us online at www.m2mdatacorp.com or call us toll free at (877) ITRY M2M or (877) 487 9626

