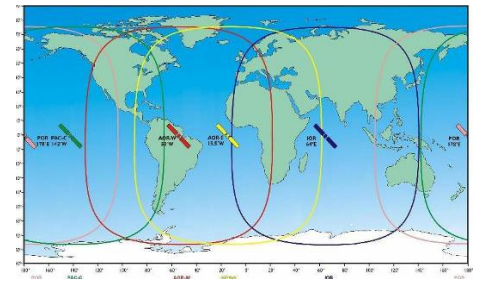


Using Inmarsat's network of geosynchronous satellites, the SkyWave IsatM2M network offers services that are designed to address the real-time requirements of the remote monitoring and tracking industry.



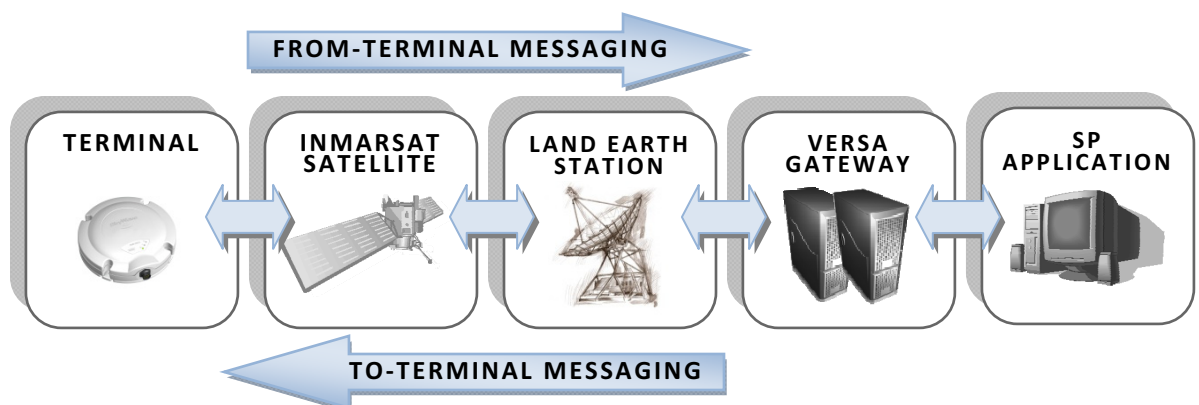
Solution Providers (SPs) around the world trust the SkyWave IsatM2M network because of its proven reliability, coverage and longevity. The service which operates across five overlapping Ocean Regions and between +/- 75° latitude supports many critical applications including transport vehicle security, industrial equipment monitoring and marine tracking.

## ISATM2M IS DESIGNED FOR COST-EFFECTIVE EXCEPTION-BASED AND SCHEDULED MESSAGING

By combining two-way communications with flexible message payload sizes, low message latency, flexible billing plans and low terminal power consumption, Solution Providers can rely on the SkyWave IsatM2M network to support competitive tracking and monitoring services.

## FEATURES & BENEFITS

- **Two-way communication** enables messaging to and from the asset for tracking, monitoring and control operations.
- **Seamless global network** provides 5 Ocean Region coverage between +/- 75° latitude.
- **Network availability of 99.995% and 24/7 Network Operations Center (NOC)** provides continuous and reliable service.
- **Low message latency** allows for applications that require immediate communication to and from the asset. No long delays.
- **Messaging Options** allows the customer to choose the message size that best fit their application and budget.
- **Flexible Billing Plans** with low monthly costs and competitive per message price make IsatM2M ideal for a variety of remote monitoring applications.
- **Over-the-air programming** ensures easy and agile application adaptation and customization once the asset is deployed without the cost of dispatching a technician.



# SKYWAVE ISATM2M SATELLITE NETWORK

## TRANSPORT SECURITY

Fleet managers around the world rely on IsatM2M for truck security when transporting goods in dangerous areas. Violation reports "by exception" allow the cost-sensitive industry to afford a satellite monitoring solution for security and peace-of-mind. It also provides the ability to rapidly respond to situations by locking doors or initiate engine shut off within moments of a problem which adds real insurance value, saves money and lives.

## MOBILE ASSET TRACKING

For many land and fleet tracking applications, the end-customer requires different reporting rates depending on the location and status of the asset. The SkyWave IsatM2M service provides a low-cost and flexible reporting solution that allows the customer to report at a scheduled rate or be remotely configured to transmit less or more often depending on the customer needs.

## MARINE TRACKING

The International Marine Organization's Long Range Tracking and Identification (LRIT) regulations mandate that passenger ships, cargo ships of 300 gross tonnage or more and mobile offshore drilling units report identity, position and timestamp at both regular and configurable intervals. With IsatM2M customers can meet LRIT regulations cost-effectively. IsatM2M is also a key network service for customers looking to comply with VMS and SSAS regulations.

## FIXED ASSET MONITORING

In SCADA and other remote monitoring applications, satellite monitoring and control is a must. IsatM2M offers customers looking to monitor compressors and other field equipment a solution with low-upfront costs, low recurring costs and short-term return on investment. Message payload flexibility allows customer to send and receive data from various peripherals and field-bus applications.

## REMOTE SATELLITE SYSTEMS

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SANTA ROSA, CA 95401

TEL. +1-888-989-8199

FAX. +1-707-546-8198

support@remotesatellite.com

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## SATELLITE COMMUNICATIONS

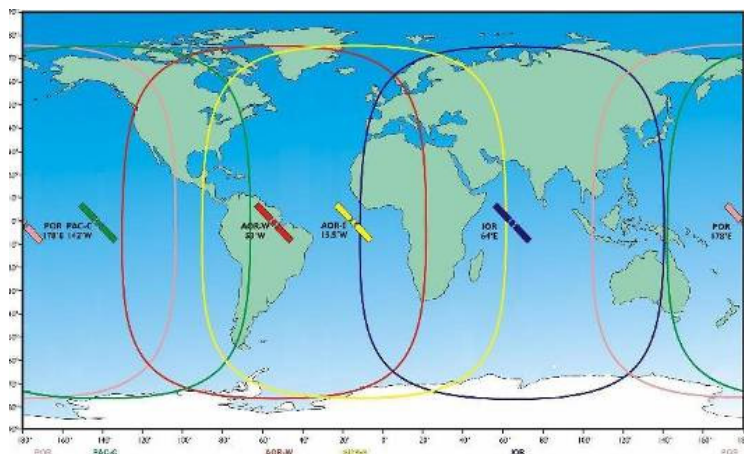
Frequency	<ul style="list-style-type: none"><li>To-Terminal: 1525.0 to 1559.0 MHz: 32-FSK</li><li>From-Terminal: 1626.5 to 1660.5 MHz: 2-FSK</li><li>2 kHz channels</li></ul>
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## MESSAGE SIZE

From-Terminal	<ul style="list-style-type: none"><li>10.5 or 25.5 bytes</li></ul>
To-Terminal	<ul style="list-style-type: none"><li>Up to 100 bytes and 4 alert codes</li></ul>

## MESSAGE LATENCY

From-Terminal	<ul style="list-style-type: none"><li>30 seconds (Typical)</li></ul>
To-Terminal	<ul style="list-style-type: none"><li>1 minute (Typical)</li></ul>



Positioning technology  
provided by ublox

## About SkyWave Mobile Communications

SkyWave Mobile Communications designs and manufactures integrated D+/IsatM2M satellite terminals, dual-mode satellite/GPRS terminals and provides network services to enable dependable, low-cost, remote management, security and logistics solutions for fixed and mobile assets. SkyWave's products are designed for a broad range of industries including land mobile, marine, oil & gas, SCADA, government and defence.