



**TCcommunications**  
*deployable bandwidth by air, land & sea*

# ISAT **M2M**

# M2M Communications

IsatM2M is a global, very low data rate service providing a two-way short burst data service for machine-to-machine communications. It currently serves customers who need to track and monitor mobile or fixed assets, wherever they are in the world, such as a fleet of trucks.

- Increased visibility of your fixed and mobile assets with two-way communications
- Low hardware and air-time costs offer fast return on investment for monitoring and security applications
- Availability of the satellites and ground network exceeds 99.9%
- Capability of broadcasting messages to multiple terminals at once, reducing the cost and complexity of managing deployed assets in the field

## Performance

IsatM2M is a global, short burst data, store and forward service that will deliver messages of 10.5 or 25.5 bytes in the send direction, to 100 bytes in the receive direction. It also gives users the ability to broadcast to multiple terminals, increasing the cost and efficiency of managing your fleet.

## Global coverage

All three satellites cover all surfaces of the earth, except for extreme polar regions. It is one network meaning you can monitor your fixed operations wherever they are located in the world.

## Service Access

The service accessed via either Skywave or EMS Interfaces. Each has their own solutions to integrate the service into customers' infrastructure.

## Network reliability and longevity

The availability of the Inmarsat4 (I4) satellites and ground network exceed 99.9% so connectivity can be depended upon to access your business-critical applications.

**The geostationary location of the satellites,** mean that service is not affected by connectivity outages, often experienced by terrestrial or cellular technology in severe weather, or when communications go down following a natural or man-made disaster.

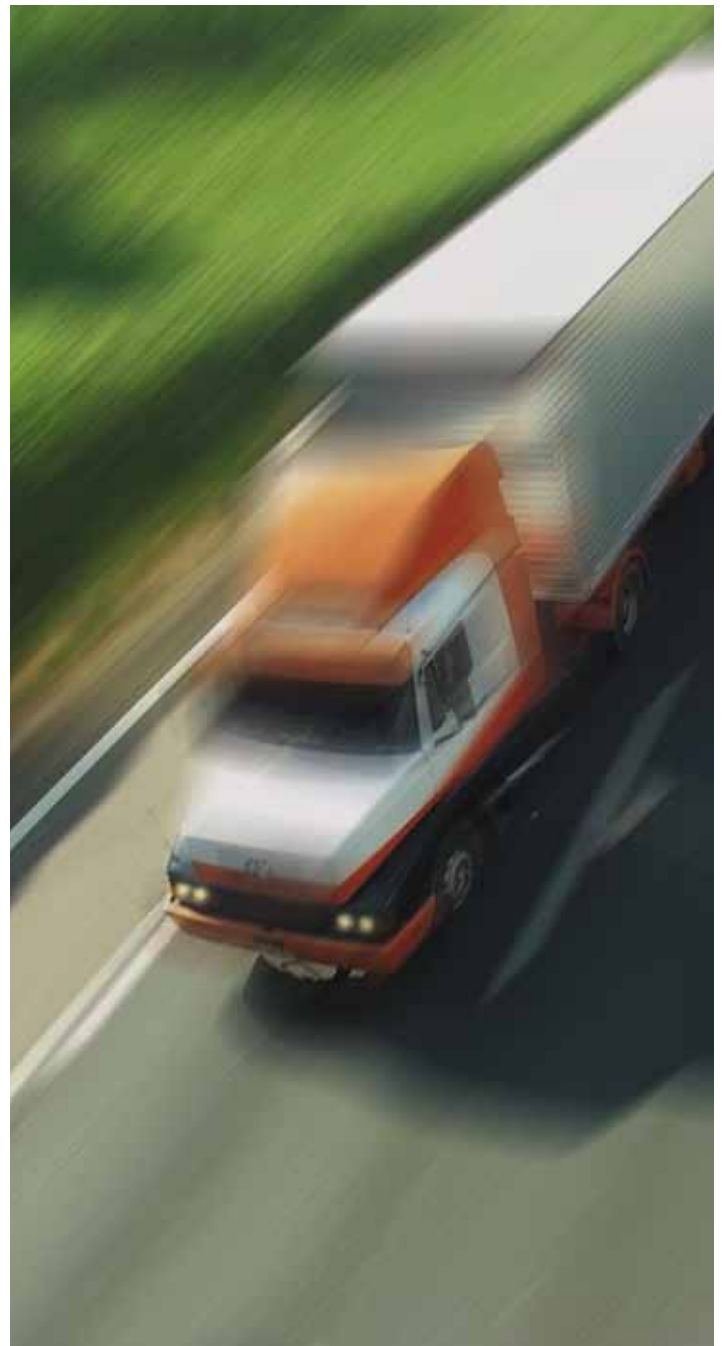
The Inmarsat-4 network have an operational life well into the 2020's.

## Typical sectors

Transportation and fleet logistics

## Typical applications

non-IP SCADA  
Fixed and mobile asset monitoring  
Personnel tracking  
Telemetry





**Manage your mobile  
and fixed assets with  
increased efficiency**



### **About TC Communications**

TC Communications' 3G via satellite allows you to have a 3G connection regardless of location and provides a completely independent network to the 3G cellular systems designed to provide real time monitoring for water resources, electricity assets and weather monitoring in the most extreme locations.

TC is an Australian owned company specialising in building/supplying primarily mobile deployable satellite communications systems for all industries including military, government, utilities, media, mining, oil & gas and aid agencies. TC is the primary top tier provider of Inmarsat SCADA services in Australia.

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