

Track anything - anywhere!

In view of the wide spectrum of potential users for SATELLITE TRACKING & ASSET MANAGEMENT, it is important to design a solution to optimise the performance of the system. Our team of consultants & engineers provide a systems integration service in order to ensure the best adapted solution to your needs. Our database and web-design teams, build the user-interface to ensure access to all important data in the most logical manner.

The safety of vessels out of sight & out of VHF range is a high priority.



- The system can be hidden discreetly inside a fibre-glass vessel
- The system will start transmitting as soon as movement has been detected.



- 2 Minute position update
- Panic button in the event of an emergency.
- In the event of the vessel being stolen or lost, it can be located easily and recovered.

SAT 101

The SAT-101 intelligent mobile satellite terminal is specifically designed for long-range asset tracking, remote monitoring, and Ship Security Alert Systems (SSAS).



The SAT-101 can be connected to multiple sensors for monitoring the status of on-board systems, such as fuel and water levels, as well as door and hatch security. A panic button can also be installed, to provide a discreet method of transmitting a ship-to-shore alert signal in security-threatened situations.

The SAT-101 terminal's ultra-compact dimensions assist with its unobtrusive installation, and it is supplied complete with a sophisticated, low-profile antenna, which maintains satellite contact down to very low elevation angles.

The Satamatics SAT-101 terminal incorporates a number of powerful facilities into an ultra-compact transceiver unit:

- Automatic transmission of location reports
- Remotely programmable, with reporting functionality
- Battery & solar panel for long-term unattended operation

Iridium 9601

The 9601 SBD Transceiver combines the global coverage of the Iridium satellite constellation with the low latency of the Iridium Short Burst Data Service (SBD) in a small, lowcost transceiver design.

The 9601 is a lower cost, Iridium Satellite LLC manufactured product designed as an OEM module for integration into applications that only use the Iridium Short Burst Data Service. Short Burst Data applications are supported through an RS232 interface.



- Mobile Originated messages up to 205 bytes
- Mobile Terminated Messages up to 135 bytes
- Low, uniform global latency (less than 1 minute)
- Coverage in areas not served by cellular

SAT 201

The SAT 201 is an extremely compact, single unit satellite terminal, designed to operate over INMARSAT satellites using the INMARSAT D+ protocol. With an integral GPS receiver, the SAT 201 provides low cost satellite communications for applications such as asset tracking, telematics and SCADA exception reporting.

The SAT 201 has been designed as a result of extensive market research built up from years of involvement with existing and prospective customers. The terminal includes control, modem, battery (optional), antenna and interface functionality all housed in a single-piece design, which itself is similar in size to the antenna of its sister product the SAT 101.



The SAT 201 global tracking device provides the core technology to enable organisations to:

- Locate, track and communicate with mobile assets
- Safeguard personnel, fleets and cargo
- Monitor fixed assets

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SatData

Track anything - anywhere!



At Global Sattelite we are fully aware of the need to keep track of your company's assets, whether on the road, at sea or at remote locations worldwide, tracking your fleet is as easy as clicking your mouse.

Each asset is fitted with a satellite terminal. This communicates via a secure global satellite network to Ground Earth Stations. At the Ground Earth Station, the radio frequency signals from the dish are converted into a digital message format and routed via a dedicated line to a Message Handling System at a centralised Data Centre. Using a secure Internet connection or dedicated lines, the user is able to precisely localize and receive messages to the remote satellite terminals from his personal computer or workstation.

Maritime



Global Satellite can provide complete end-to-end solution to solve all your maritime asset tracking, tracing, micro-telemetry and security requirements, enabling owners and operators to:

- Trace, track monitor and communicate with all types of seagoing vessels
- Secure maritime assets and client cargo
- Safeguard crews
- Position reporting for fishing and commercial fleets
- Supply fleet management data.
- Catch monitoring for fishing fleets, engine, temp, etc.

Land Transport



Global Satellite can give every logistics manager total fleet control worldwide. One compact system provides reliable, responsive and secure information management and messaging to:

- Trace, track and communicate with vehicles
- Trace, track and monitor trailers and loads
- Secure fleet and client loads and safeguard people, 24 hours a day, anywhere in the world

Utilities



Offering worldwide coverage, Global Satellite's satellite-based technology can be deployed to provide remote data collection for the utilities, energy & general industrial sectors. Using complete direct-to-desktop services, remote installations can be monitored and controlled from any location with an Internet connection.

Security



Due to the world we live in today security has become a key issue for many organisations. Satamatics satellite-based technology operates on a seamless worldwide network and therefore does not experience any problems of range, coverage or service disruption. Which is essential when providing security services.

Comprehensive solutions provide critical security status reports, alert messaging and location information - for individual personnel, vehicles, premises and industrial installations. Our service gives in many cases essential secure information to businesses and governments who really need it in the timescale they require.

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