

application brief

MARITIME TRACKING



What's Maritime Tracking?

Maritime Tracking is a catch-all term for a number of very different applications with one thing in common: they involve tracking assets on the water.

A list of these applications might include:

- **Route tracking.** A satellite-based system that lets you track the route of your vessel wherever you are, including the middle of the ocean.
- **Geofenced-based theft detection.** In case of theft, the onboard tracking system automatically sends an alarm when your boat leaves a specified area. This type of security solution is popular with yachts and other leisure vessels.
- **Commercial fish tracking.** A tracking solution that lets you find the location of commercial fishing equipment such as the fishing buoys used extensively in the tuna fishing industry. In most cases these tracking terminals are powered by solar panels mounted on the buoy.
- **Maritime fleet management.** A tracking solution that allows fleet operators to monitor the exact location of a group of vessels – crucial in regions with increased security requirements with closely monitored international borders.

A well-functioning tracking and monitoring system increases the safety of the people on board and helps operators increase the efficiency of their fleets. Whether you operate a commercial or leisure vessel, you need a reliable way to track your own route and provide your location data to people on shore.

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Challenge

Maritime tracking solutions have to accommodate a range of vessels, meet environmental and regulatory standards, and be easy to operate. Most importantly, the solution must have reliable global network coverage especially when used on the open sea.

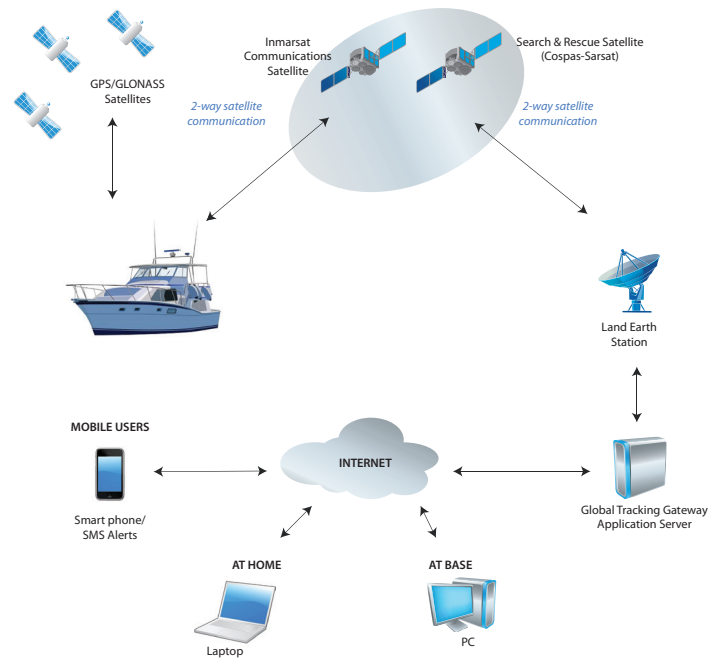
The Solution

The versatile and field-proven maritime tracking and monitoring solutions from Honeywell Global Tracking are LRIT and SSAS-compliant and currently used on thousands of vessels around the globe – ranging from small fishing boats, to leisure vessels and yachts, to large cargo ships, fishing gear and more.

All Global Tracking maritime tracking systems are comprised of three components – a satellite terminal with a dedicated panic button, a web-based tracking application and a range of affordable satellite airtime packages.

A fishing fleet operator can track the location of all vessels in real-time, receive daily catch reports and broadcast weather warnings to the entire fleet.

Yachts and leisure boats can create geofences and use time-of-arrival parameters to make sure they're not deviating from predefined routes, and all vessels can supplement their radio communication when in poor UHF/VHF/GSM range, or as a backup emergency alert system.



A roof-mounted satellite terminal, often equipped with an in-cab panic button, communicates with GPS and Inmarsat communications satellites. Location data and messages can be viewed in a standard browser and incoming alerts can be viewed via email and SMS.

Optional handheld devices can be used to send pre-defined text messages directly from the vessel.

For more information

www.gt.honeywell.com

Honeywell Scanning & Mobility

Honeywell Global Tracking
Miller Court, Severn Drive
Tewkesbury, Gloucestershire
GL20 8DN UK
+44 (0)1684 278610
www.honeywell.com