



GPS TRACKING WITHOUT LIMITS

You have special needs that other products can't meet. You want a GPS Satellite Transmitter which fits your requirements for today and tomorrow. You want an easy to use solution that is capable and affordable. Introducing the all new Tracer 3 GPS tracking solution. You've found what you're looking for.



FLEXIBLE. AFFORDABLE. SIMPLE.

Tracer 3: The Complete Solution

The Tracer 3 is offered with custom service packages that include airtime, message access and real-time web mapping. Guardian Mobility is your single point of contact for the complete package to get you tracking with minimum effort.



GPS DATA, SPEED, HEADING

In addition to accurate longitude and latitude data, speed and heading information is available enabling the most detailed position information in a simplex product.



DATALOGGER

Tracer 3 can store up to 16 000 GPS points at user defined intervals in the on-board flash memory.



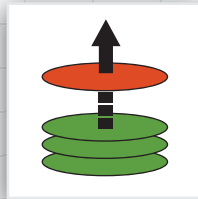
EXTERNAL POWER

Tracer 3 can be powered with external input voltages ranging from 9 to 28V DC.



GPS BUSINESS RULES ENGINE

Tracer 3 enables you to modify not only the rate and timing of transmissions but also the conditions under which the unit transmits through a revolutionary business rules engine.



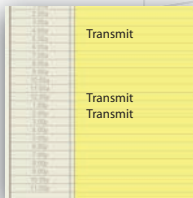
STORE AND FORWARD

Multiple GPS points, sensor readings and event information can be stored then sent in a single transmission saving communication costs.



BACKUP BATTERY

A battery backup option is available for Tracer 3 enabling more than 2 years of operation while disconnected from external power.



SCHEDULED TRANSMISSIONS

Guardian Tracer 3 can be set to transmit at preset weekly or daily recurring schedules empowering you to send transmissions only when you need it.

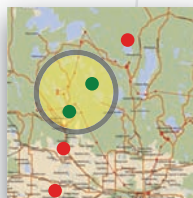


RUGGED ENCLOSURES

Tracer 3 is available in two flavours: Portable for personal applications and Minibase for easy mounting. Both feature field-tested weatherproof enclosures rated at NEMA 4X.

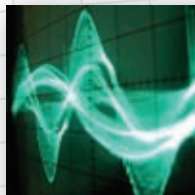
AN UNBEATABLE SET OF FEATURES

Tracer 3 is the market leader in GPS transmitting products with unparalleled flexibility and ease of use from setup to viewing your messages wherever you are in the world.



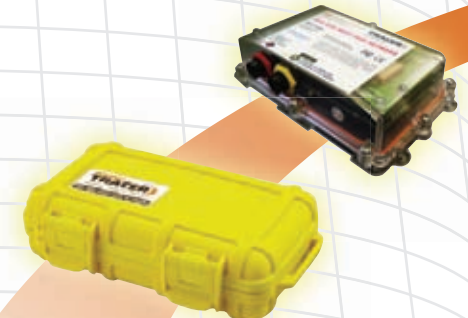
EVENT-BASED TRANSMISSION

Sensor inputs and GPS parameters can be monitored to send a transmission only when a preset threshold is crossed. These events can be used as alarms or for use with the business rules engine.



ANALOG, DIGITAL SENSOR INPUTS

Connect external sensors to Tracer 3 to monitor tank levels, send alarms when equipment is overheating transmit environmental data remotely and send waypoints.



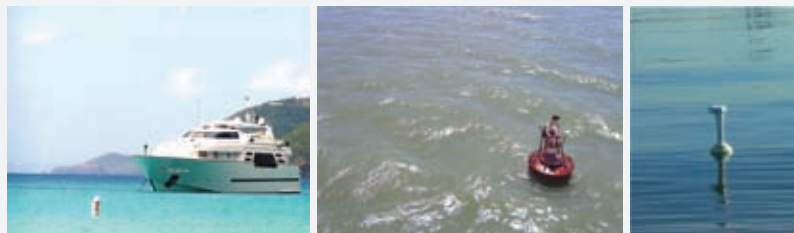
Tracer 3: A Worldwide Network of Partners Meeting your Application Needs

Tracking Races and Events

Wide Open Adventures broadcasted the Baja 1000 using Tracers to a worldwide audience to follow the event from their computers. Snowmobile, Canoe and Dog Sled races have been followed from the Yukon to Labrador.



Marine Applications: Boat and Buoy Tracking



Guardian marine partners are installing Tracer in yachts and high-end power boats to protect against theft, vandalism and provide peace of mind by relaying GPS positions when cruising. Currently being used in the Atlantic Ocean, Pacific Ocean and the Mediterranean Sea, Tracers have reduced insurance costs for owners. Guardian partners have developed specialized applications which use Tracers to track Buoys. One innovative application developed by partner Spirit Wireless is an oil spill tracker that helps contain environmental damage.

A World of Mapping Options

The list of partners and applications includes: Microsoft MapPoint and Virtual Earth, Google Maps, Waypoint, ThinkGeo, OziExplorer, and GPS Plein Air. The Tracer 3 works seamlessly with a host of world-class mapping applications to suit your needs. For turnkey applications we offer Maptracs a complete web-based solution.

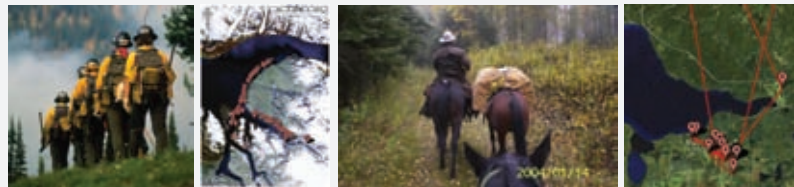


In the Footsteps of Explorers

An increasing number of adventurers and recreational users are depending on the Tracer. Extreme uses have included skiing across Greenland, trekking over the Svalbard glacier and setting world records for ballooning.



Emergency Response and Security



Parks Canada and SAR (Search and Rescue) organizations have jointly developed and deployed Tracer 3P as part of their emergency response systems. In applications ranging from asset tracking in hurricane relief, to forest fire operations, Tracer messages can be sent to multiple control centers enabling situational awareness and security response.

Remote Asset Monitoring

Tracers connected to sensors report on equipment status, measure critical information, and send alarm conditions. Guardian Partners offer proven solutions for tank monitoring, equipment movement, intrusion detection and theft protection on fixed and mobile remote assets.



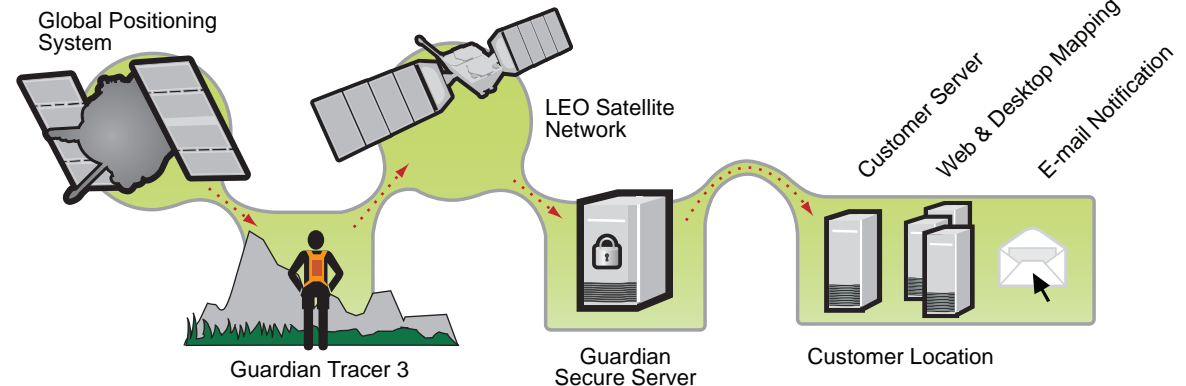
Innovative New GPS Tracking and Remote Monitoring Solutions

Guardian's Partners are meeting your tracking needs with innovative new solutions enable by the Tracer 3. Tracer 3's datalogging and speed alarm features are used to ensure commercial vehicle adherence to road regulations and providing immediate reporting on alarm events. Tracer 3 can also be used to measure and store engine run time information for billing purposes and carbon emission reporting. If you have a custom tracking or remote monitoring need, we'll put you touch with our partner that is best suited to meeting it.



Tracer 3: Operation, Benefits and Specifications

Tracer 3 includes everything you need for tracking people and assets: hardware, setup to our message server, airtime plans and intuitive mapping. Tracer 3 uses a high performance GPS receiver integrated with a low-earth satellite network transmitter to send position, speed, heading information to you and your colleagues to keep track of your personnel and assets.



KEY BENEFITS

Lowest Cost Total Solution.

Guardian Tracer 3 is the most affordable satellite based platform to own and operate. We offer a variety of cost-effective air time and data plans to suit your needs.

Easy to Setup and Deploy

Just take it out of the box, configure it to your needs, install it where you want, and login through the web to see where it is.

A Complete Solution

The Tracer 3 is offered with custom service packages that include airtime, message access and real-time web mapping.

Connect to Almost Anything

Connect to analog and digital sensors, dataloggers and pushbuttons.

Adaptable to Your Unique Requirements

The Guardian GPS Business Rules Engine allows you to build advanced capabilities into Tracer 3 without doing custom software development.

Anywhere Anytime Web Access

View, manage, display and route all field transmissions using the Guardian web portal. View information in report form or in a mapping window. Route information to e-mail or cell phone or send it directly to your own network using XML routing.

KEY SPECIFICATIONS

Communication

Globalstar Simplex Transmitter, integrated GPS receiver and transmitter patch antennas.

GPS

High performance GPS receiver: 12 channel, -156 dBm sensitivity.

Data Storage: 16 MBit on-board flash memory for datalogger, configuration and user parameters.

Long Battery Life

Tracer 3 Portable: estimated battery life of 3 years.

Tracer Minibase: with battery backup estimated battery life of 2.5 years on battery power only; 5 years in backup mode.

Environmental

Operating temperature range: -30°C to +60°C, NEMA 4X certified Minibase Enclosure. Portable enclosure waterproof to a depth of 30 m. Portable enclosure is designed to float transmitter side up.

Dimensions

Tracer 3 Minibase enclosure measures 165 x 115 x 45 mm.
The Tracer Portable measures 174 x 116 x 46 mm.