



# gtt systems

global tracking & tracing systems

The **GTTS-2000B** is the only Iridium Short Burst Data (SBD) Tracking & Tracing Device that can operate many years from one Battery under the most extreme conditions.

No wiring and zero installation costs make the GTTS-2000B truly unique.



### global coverage

True global coverage guaranteed.



### reliable

Only 1 communication provider for global coverage, thus maximum reliability.



### no unexpected costs

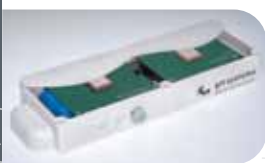
No roaming costs among providers, thus predictable costs.



### GTTS-2000B

To name the GTTS-2000B a "Plug & Play" unit is already too much. It doesn't even have wiring or switches. It sticks like a magnet on a ferrous surface and activates itself this way.

## GTTS-2000B Iridium Global Tracking & Tracing System



### Product Overview

The GTTS-2000B is developed to track and trace objects in the most simple and reliable way covering the entire globe.

GPS and Iridium Antennas as well as the Battery are enclosed in a robust enclosure. It provides Magnet mounting and there is no wiring needed for installation. Whenever the GTTS-2000B is mounted onto ferrous metal, it turns on automatically. This makes it ideal for last minute decisions to track your assets.

### Applications

Tracking & Tracing of Trucks & Trailers, Vessel, Barges, Dredgers, Excavators etc. Especially objects that can't provide a suitable power supply or obtaining power is difficult or costly like container transports, one-time-transport, sporting events like desert rally's etc.

### Product Specifications

<b>Physical</b>	Size	350x100x50 mm
	Weight	1250 gr.
	Optional Magnets Weight	180 gr.
	Magnets Holding Force	1080 N (~108 Kg)
<b>Environmental</b>	Operating Temperature	-40..+65 C
	Storage Temperature	-40..+65 C
	Humidity	100%
<b>Electrical</b>	Electrical Battery	5.6V / 15.6Ah
	Battery Chemistry	Lithium Sulfur Dioxide Li-SO <sub>2</sub>
	Power consumption	60uA typical (sleep)
	Expected Battery Lifetime	4000 transmissions
	2.4 GHz wireless ANT	Used for optional wireless sensors and/or maintenance & Control
<b>Sensors</b>	Motion Sensor	Used to control reporting frequency
	Ferro Detector	Used as turn on/off switch and removal/sabotage detector
<b>Satellite</b>	Iridium Constellation	True Global Coverage
	Frequency	1616 - 1626.5 MHz
	Transmission	Short Burst Data TDMA/FDMA
	Communication	Direct IP and/or E-mail
	Iridium RX/TX Antenna	Integrated Patch Antenna
	GPS	20 channels Sirf III
	Accuracy	1.8 m CEP(95)
	GPS RX Antenna	Integrated Patch Antenna

