

# The Boomerang Pro Tracker

Boomerang the only GPS Trackers you will ever need!

## 3 TRACKING TECHNOLOGY'S

Boomerang Pro is the only device to consider if you absolutely cannot afford to lose your goods!

### Never Lost:

It features Never Lost™, our Tri-Tracking technology which has three tracking systems on-board:

- GPS
- GSM Location-Based Services
- RF Beacons.

When GPS is unavailable, the Boomerang Pro will still provide a regular location which it calculates based on the Cellular Phone Towers it is wirelessly connected to. While less accurate than GPS, GSM -LBS can work indoors, underground -anywhere you can get a cellphone signal. The RF Beacon is essentially a homing device. To fine tune the position of the GSM -LBS location, we use the RF Beacon. This is a silent radio-pulse which we can trigger on the device. A team with a Pulse-Detector can go to the area indicated by the GSM-LBS system and locate the device -even within buildings & underground. A charge for this service applies and depends on your geographic location.

## Protect your valuable assets:

The Boomerang Pro Tracker employs a combination of eNCell, GPS and RFID beacon technology to provide high accuracy results and high recovery rates.

## Features:

### Tracking Technologies:

Never Lost™- 3 Tracking technologies, (GPS/LBS/RF Beacon)

### 3D accelerometer:

Can tell the difference between various movements including motion, tilt and vibration.

Units are fully flexible and can be set to alarm or ignore any of these criteria.

### Internal tamper plate:

Once activated, the unit can be set to alarm if removed or altered in any way, working to prevent sabotage.

### High performance battery:

The first provides an extensive battery life of around 4 years\*, whilst the second more compact pack lasts around 2.5 years\*.

\*Based on a standard reporting cycle

### IP67 weather-proof casing:

Ideal for protecting assets in all environments.

### Reports Positions Online:

All units report back to the server at defined intervals according to their status. Each can have separate settings for when in default, motion or alarm.

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## Our technology:

### eNCell positioning:

High yield, high accuracy. 3x more accurate than standard cell id.

### The latest GPS chipsets:

Provide low power GPS positions without sacrificing accuracy.

### RFID beacon technology:

Changeable frequency and power output to provide clear reception in the most difficult environments.

### Specialist long life battery packs:

The compact pack provides a life span of around 2.5 years\*, with the larger pack averaging 4 years\*.

\* based on a standard reporting cycle

## Our service management is the key:

- Being able to manage all deployed assets with a few simple reports is a critical element of the whole package.
- With thousands of units deployed on bespoke systems worldwide, the solution is driven by the customers.

### Asset Recovery:

Halo security provides asset recovery services using our team of highly skilled operatives.

### Proven Track record:

Thousands of units are currently in use across the globe.

## Boomerang Pro for Business Use:

The scope of the Pro GPS Tracker reaches far beyond simply asset tracking as it can assist and improve a variety of operations. However, a broad range of applications requires a fully flexible approach to satisfy the specific requirements that each project brings. This flexibility is enabled by independent tags that communicate remotely with the device. They act as the eyes and ears of the unit transmitting information on movement, temperature and shock, which is then collated and relayed via the device.

## Fuel sensing and generator management:



One current solution is securing electricity generators whilst simultaneously monitoring their fuel levels. The Pro is installed in each generator, which relays information from its associated tags when fuel levels are high or low. The online management server provides a centralised point from which thousands of generators can be monitored and managed.

1. Senses when fuel levels are high and low.
2. Alerts the customer to those generators which need urgent attention.
3. Monitors the efficiency and performance of those refilling the tanks.
4. Secures the generator with active alarms and tracking on standby.

## High value freight monitoring:

Functioning in a similar way, but differing significantly in application, this system is tailored to monitor high value assets when in transport. 4 G-sensors are attached to the asset, monitoring any drops, vibrations and impact that the unit encounters along the way. This information is then relayed to the management portal via the associated unit.



1. Ensures high value products are looked after in transit.
2. Can be interfaced to satellite communications so all products are monitored in real time whilst at sea.