

SIMPLTRACE USER GUIDE



Overview

An innovative, self-powered GPS solution for long lasting tracking and recovery.

The SimplTrace Pro battery-powered tracker offers a reliable, customizable, and easy-to-deploy solution for tracking vehicles and a wide range of non-powered assets. SimplTrace Pro delivers advanced battery power management for long lasting tracking and recovery.

This document will outline the following topics for the SimplTrace Pro solution:

- Patented Smart PowerSM Technology
- Activation & Verification
- Reporting
- Zone Alerts
- Recovery
- Heartbeat Source
- Installation
- Magnet Overview
- Battery Life
- Limited Warranty

Patented Smart PowerSM Technology

SimplTrace Pro was designed with unique Smart PowerSM technology delivering high-performance battery power, greater energy density and operating temperature ranges in less space. What does this mean to our customers?

- Improved battery longevity.
- Sustained power in extreme atmospheric conditions such as heat and cold.
- Increased power management in poor cellular network conditions.



Activation

- Remove the small round magnet from the slot on the side of the device.
- Once the magnet is removed, the activation process will begin.
- The device will connect with a GPS/Wireless signal and show activated in the customer portal (~2-10 min.)

NOTE:

Save the round magnet for future use. If magnet is reapplied, device will return to Shipping mode (ultra-low power consumption) to preserve the battery life.

Activation Verification

Step 1: Log into Application Dashboard

Step 2: Select View – make sure Installed box is checked

Step 3: Check “Installed” column for install date & “Actions” column for location icons

If device is not activated, it will show UNINSTALLED in the Actions column. If the device remains in Uninstalled status after the magnet is removed for over 10 minutes. Please follow these steps:

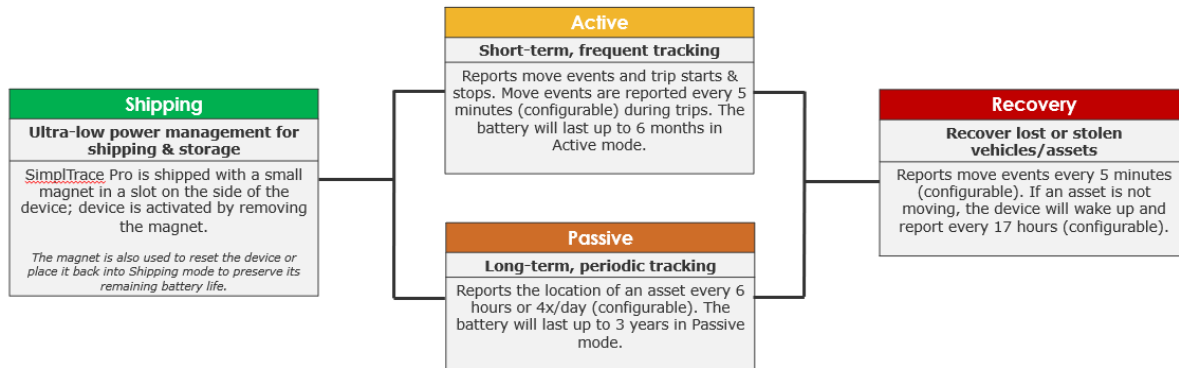
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If device does not show activated after magnet is removed:

1. Reattach magnet to the device (in the magnet slot on side of device)
2. Make sure you are in a place with adequate wireless signal (outside or near a window)
3. Leave magnet on the device for ~10 seconds then remove again
4. Allow a few minutes then refresh online browser and check application

Reporting

SimplTrace Pro has four tracking modes: Shipping, Active, Passive, and Recovery. You have the option of choosing Active, Passive, or can switch between these modes depending on their needs.



¹ Device will check first for a GPS locate and, if unable to obtain a signal within 120 seconds, it will transition to a Cell Tower locate as a backup

Zone Alerts

Zone Alerts are challenging with the SimplTrace Pro. One of the key limitations is Zone Alerts are not sent at the point when a vehicle enters or exits a geofence, but instead at the point of the next heartbeat. This heartbeat may be anywhere from several hours to up to 12.5 hours later than the vehicle’s entrance or departure from this zone. In addition, if the SimplTrace Pro is in Active mode then cell tower only locates will likely create false Zone Alerts if the nearest cell tower is outside of the geofence area. In this case, the only effective way to eliminate the false alerts is to create a geofence which is large enough to include the nearest cell tower location.

Recovery

Recovery mode provides the vehicle location every five minutes while moving. Once a Recovery is initiated, SimplTrace Pro will transition to Recovery tracking on the next heartbeat cycle. If the vehicle is outside of adequate wireless network coverage, the recovery may be delayed until the device can connect to the network again. Below is the email or text notification the Recovery agent will receive when a Recovery is generated for the SimplTrace Pro:

You've received a Recovery request for a vehicle with a SimplTrace Pro Smart PowerSM device. The current vehicle address and available Top Stops will take up to 12.5 hours before being visible on the map. If you need immediate access to this data, please contact the Dealer to provide the vehicle's location history, including the last available address.

Recovery tracking will automatically last for 3 days. If the vehicle or asset is recovered in less than 3 days, it is recommended to stop the 5-minute Recovery tracking by selecting and deleting the vehicle or asset from the Recovery page or updating the recovery status from “In progress” to “Recovered” from the recovery edit icon. After three (3) days in Recovery Mode, the Recovery action will time out and default back to the prior active tracking mode. If the vehicle is not recovered, the user can delete the recovery and re-create a new one.

Heartbeat Source

A source field was added to identify the location source. The GPS source will provide an accurate view of the vehicle’s exact location. The tower only heartbeat was designed for battery preservation.

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Installation

After the magnet has been removed and the device shows location data on the User Interface (UI), it is ready for activation. The best places for optimal in-vehicle placement are below. A stable location is important to avoid movement. Utilize zip ties or Velcro to secure.

- Dashboard
- Center console
- Glovebox compartment

Magnet Overview

It is important to save the magnets after activation in the event you need to reset devices or want to return devices to Shipping mode to preserve the remaining battery life. To reset the device, leave the magnet on for 5 – 10 seconds before removing. Note: If the device is in Recovery mode, make sure to delete Recovery on the application.

When magnet is added, the device goes to Shipping mode within seconds. If device keeps sending location data even if the magnet is in place, the reason could be:

- Magnet is placed back in the slot on the side of the device
- Magnet is not strong enough (is not the one included with the device)
- Reed switch is faulty

Please note the magnet will not stick to the device, since there is nothing metallic inside of the plastic case, so the magnet will need to be placed in the slot to put the device back into Shipping mode.

Battery Life

The SimplTrace Pro was designed to be a long-term tracking device. For maximum battery life, it is recommended that the device is stored with the magnet attached. This will set the device into Shipping mode which is an ultra-low power consumption mode. Once the magnet is removed and

the device is installed in a vehicle or asset, the amount of time spent in Recovery mode will deplete the battery along with the environmental and wireless network conditions. The SimplTrace Pro will automatically adjust reporting in poor conditions to preserve the battery life.

The battery life can be affected by extreme use and environmental factors:

- Total time spent in Active and Recovery mode tracking
- Poor wireless network coverage
- Extreme environmental conditions (extreme heat/cold)

The SimplTrace Pro device can send up to 4,000 total events within its battery lifespan. The device supports up to six (6) months of battery life if placed continuously in Active Mode and up to three (3) years if placed in Passive mode.

The **Device Battery** will help monitor the battery life of the SimplTrace Pro once the magnet is removed and the device is activated within a vehicle or on an asset.

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Limited Warranty

The SimplTrace Pro device's limited warranty is 1-year or up to 4,000 events, whichever comes first. The SimplTrace Pro device's activation must occur within 2 years of the purchase date.