Introduction

Unitracking has designed and produced tracking systems for over fifteen years. Our focus has been on vehicle and mobile asset tracking for the purpose of theft recovery, security, fleet management, remote control and intelligence gathering.

How UniTracking GPS Works

UniTracking GPS Monitoring hardware is installed in one of many hidden locations in the vehicle or mobile asset and integrated with sensors and controllers (e.g., alarms, horn, and starter). When an alarm or exception event is triggered, a notification is e-mailed or sent to your cell phone in text message format (Short Message SMS). We offer tracking & control of mobile assets, people & pets over the internet and on mobile devices.

Mobile Application

- Unitracking is now compatible with mobile devices including I-phone® and I-pad®. Smart phones and Blackberry. Gone are the days of sitting at your desk monitoring vehicles. “Yes there is an app for this”

Internet based GPS Tracking & Control

With UniTracking GPS, you have the ability to track and control your vehicle over the Internet, and can pinpoint its location on demand. UniTracking GPS works wherever cellular service exists around the world.

Asset Protection

Unitracking is available for Cars, Trucks, Motorcycles, Personal Water Craft, Boats, ATV’s, Recreation Vehicles, and heavy equipment transport trucks and trailers. People tracking an pet tracking is also available with our newest portable unit.

Services

Unitracking systems can be configured in many different ways as your requirements change. We offer simple dot on the map right up to full fleet logistics reporting and dispatch. It doesn’t matter to us what you want to track or the reason. Fact is we can probably help you with your requirements.
• Internet Based Vehicle Tracking & Control - UniTracking GPS reports vehicle date/time, location, speed and direction via the Internet. You can also track the vehicle, and control functions such as lock and unlock, Starter interrupt, set up of Geo-Fencing and all reporting functions over the Internet.

• Alarm Integrations - The Unitracking system offers integrated vehicle alarm integration. This is another line of defense which will send an alert to the vehicle owner to provide notification of a security threat or alarm activation. Additional I/O inputs are available to detect breaches of security such as unauthorized door opening on a freight trailer or anything where a trigger is installed.

• Door Lock & Unlock - With multiple inputs and output controls Unitracking can provide the ability to trigger locking & unlocking of a vehicle.

• I/O Controls - With Inputs and outputs on the device we can monitor activity and activation of sirens, winches, door opening, fuel levels and many other custom capabilities.

• Starter Interrupt - Unitracking can disable and enable the vehicle’s starter to protect against a theft attempt, or quick recovery in the event of theft. Once the vehicle comes to rest the ignition is automatically disabled.

• Geo-Fencing - Reports position of the vehicle when a geofence containment boundary is breached, entered or exited.

• POI Point Of Interest - Points of interest are utilized to show your specific commercial locations such as warehouses, offices, customer offices or specific geographic point on your map. These can be used to detect when your vehicles arrive at customer locations, or “no go” zones or for dispatch purposes.

• Scheduled Hours of Operation - Establish times when vehicle or equipment is authorized to be operating and receive notification if operation breach outside scheduled hours occurs. Detect moonlighting with your equipment or unauthorized operation after hours.

• Motion Detector - Reports a motion message if motion is detected. This works well for stationary fixed equipment that has no reason to move. Equipment such as vending machines, parking meters or fixed assets are examples.

• On-Demand Position Report - Reports the position of the vehicle when commanded by the end user from the Web Page or from an IVR.

• Position on Interval Auto tracking - Reports vehicle position on a timed interval. The VTU can Auto-Report its location at selected intervals as low as every 10 seconds.

• Low Battery Message - Reports the capacity of the vehicle’s battery after the battery voltage has dropped below a predetermined level. UniTracking’s VTU automatically switches to its backup battery if the vehicle’s battery runs down or is disconnected. A low battery message will be sent to the vehicle owner.

• Power Management - Control of power consumption is critical in order to avoid parasitic power draw on your vehicle battery and leaving you stranded or having to replace dead batteries. At Unitracking we manage the power on the system to ensure you are not adversely affected.

• Speed Threshold - Reports the vehicle’s speed after a threshold has been breached. The VTU tracking device detects a speed violation and sends a speeding alert to the vehicle owner.

• Electronic Night Watchman - Night Watch detects movement of the vehicle during unauthorized hours of operation. You set the hours and Unitracking takes over from there. You will receive a text message or email if the vehicle moves based on the time clock you set.

• Fleet Reports - Fleet reports are available with our fleet based products. We offer pre configured reports and custom reports on request. You simply tell us what you want to know and we will do our best to make it happen. Reports are available online or can be downloaded to your local pc for archiving.

• Dispatch Interface - when you have unitracking installed on your vehicles you automatically get access to our dispatch system. See where your vehicles are located and dispatch the closest vehicle to the job. Determine when the vehicle arrived and when they departed for billing purposes.

• Coverage – Unitracking offers coverage anywhere cellular service exists worldwide, including both GSM GPRS and 3G coverage.

UTKBRANDED RELEASE
**Fleet Tracking**

Unitracking GPS offer a comprehensive Fleet Management Service including hard copy reporting. The following information provides a general explanation of the reports available.

**additional equipment may be required to achieve reporting function.**

**REPORT EXAMPLES**

- **Bread Crumb** - List of all position updates with time and address. Use this report to get a detailed list of all position updates sent from your tracking device. This report is used in implementations with less frequent position updates. Each update includes the time, address and speed.

- **Event Rule** - This report gives you a detailed list of all events triggered by the Event Rules in your system. For example use it to see times vehicles are speeding, how much time vehicles spend outside a geo-fence or to get detailed information about alerts like low fuel. The report includes the number of occurrences, time, duration and location of different events.

- **Event Rule (Total)** - The total number of triggered events, listed per vehicle. Use this compact list of all events in your system for a quick overview. Events are exception reports such as speeding, Geo-fence violations, fuel low.

- **Fuel Consumption Report (Daily)** - Shows the daily fuel consumption (e.g. liters/100 km) and fuel efficiency (e.g. miles per gallon) for vehicles in the selected time period.

- **Fuel Refill Report (Detailed)** - Shows fuel refills for vehicles in the selected time period.

- **Fuel Refill Report (Daily)** - Shows daily fuel refills for vehicles in the selected time period.

- **Signal Report** - List of the latest reported value for a selected device signal. You can use this to get a list of the last reported battery level, firmware version, the state of a switch or other signals supported on your devices. The report shows the name and value of the signal and the time when the value was last updated.

- **System Report (Device Connection)** - Time of latest device connection to the server.

- **System Report (Device Valid Position)** - Time of latest valid position per device.

- **Trip & Idle (Detailed)** - Detailed overview of vehicle usage including trip details and idle time. Trip details include start and stop addresses, trip distance, duration and speed information. This report is often used as basis for customer billing and driver journals, to verify trips and detect excessive idle time. The report also includes totals for each vehicle and the whole fleet. The report is used to get a quick overview of fleet utilization and to detect unexpected usage patterns.

- **Trip & Idle (Daily)** - Daily overview of total trip distance and vehicle utilization.

- **Trip & Idle (Daily Average Start Trip Time)** - Daily average start trip time of vehicles.

- **Time on Site (Vehicle)** - List of site visits per vehicle. This report shows the visits to to locations uploaded as Point of Interest (POI:s). The report is used to show the time spent on customer sites and to show the number of times sites have been visited within the selected time period. The report includes time, duration, site name and address for each visit as well are totals for the duration and the number of visits. The report is grouped per vehicle.

- **Time on Site (Site)** - Time and duration of site visits per site, but grouped per site. List of site visits per site. This report shows the visits to to locations uploaded as Point of Interest (POI:s). The report is used to show what vehicles have been to a customer site and to show the number of times sites have been visited within the selected time period. The report includes time, duration, site name and address for each visit as well are totals for the duration and the number of visits. The report is grouped per site.

- **Time on Site (Vehicle - Site)** - Time and duration of site visits aggregated for each site per vehicle. This report is used to show site visit details with one additional hierarchy level. The report shows vehicle visits to a site grouped per site with “sub groups” per vehicle.

- **Sites not Visited** - Sites not visited during the selected time period. This report is used to detect sites that have not been visited or customer location missed during a delivery route. The report shows the Point of interest (POI) that have not been visited grouped per POI category.

- **Time & Mileage reports** - Time and mileage reports provide reporting for DOT compliance, Tax purposes, and billing to customer.

- **Custom Reports** - We can work with you to produce custom reports as needed. These are just some of the possibilities we offer.

**Network Technology**

- GSM GPRS Quad-band 850/1900/900/1800
- HSPA + digital network world standard
- 3G 4G communication
- SMS & E-mail messaging supported
- North American & Worldwide Network Certified
- FCC, PTCRB, CE Certified Approved
- Certified for GSM GPRS & HSPA 3G Based Carriers

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# Product Outline

## OBDII CAN BUS

The OBDII CAN Bus unit is designed to directly connect to the OBDII connection on passenger vehicles and light trucks from 1996 to present. The OBDII connection is where your mechanic connects to the vehicle computer. The can bus device can read many of the vehicle operating characteristics and report them to the vehicle owner or Fleet manager.

[http://shop.unitracking.com](http://shop.unitracking.com)

## OBDII UGO BASIC

The OBDII Basic works exactly the same way the Can Bus unit does with respect to where it connects to the vehicle. It is designed a lower priced unit for simple tracking, speed monitoring and industries that don’t necessarily require a full featured unit like the CAN BUS unit. This unit is excellent for easy fast installation for finance companies, parent with new drivers, and light Fleet applications.

[http://shop.unitracking.com](http://shop.unitracking.com)

## UTK-U1

The U1 is a full featured unit with alarm monitoring. Inputs and outputs for door locking unlocking, ignition disable, Optional Voice Function, Motion Sensing and RFID data capture with OBDII integration. These are just a few of the popular features available. This unit is available in 3G format.

[http://shop.unitracking.com](http://shop.unitracking.com)

## UTK-U1-LITE

This is a light version of the U1 with basic alarm monitoring features.

[http://shop.unitracking.com](http://shop.unitracking.com)

## Special Use Products

## UTK-U1-WP

This device offers a high level of water resistance for Boat, Motorcycle Watercraft and trailer applications. This unit has an output for ignition disable and external GPS antenna for mounting flexibility. With an IP 65 rating it is suitable for high moisture areas or vehicles subject to blowing rain conditions.

[http://shop.unitracking.com](http://shop.unitracking.com)

## UTK-P1-SMS (SMS/TCP)

The P1 Series is available in SMS format and TCP as option. Designed as a wearable device for people and pet tracking or portable applications this battery operated unit can be plugged into a computer, AC power or Vehicle cigarette adaptor for charging. Programmable panic button, Person down alarm and eavesdropping helps to keep individuals connected and safe. Many applications are available such as tracking for seniors, persons at risk such as Alzheimer, dementia, autistic lone workers, security officers, sports enthusiasts and pets.

[http://shop.unitracking.com](http://shop.unitracking.com)

Disclaimer: Information provided is for reference only and may change at any time without notice.