



Frequently Asked Questions (FAQs)

What are GPS tracking devices?

GPS tracking devices are receivers that use the Global Positioning System to determine the precise location of objects (vehicles, assets and people) to which they are attached. They transmit the position of every vehicle to which they are attached, along with other parameters such as speed, odometer, direction, altitude, inputs, entering/exiting geo-zones, street address and closest Point of Interest (PoI) at regular intervals. Data is transmitted instantaneously to secure servers using the GSM network through embedded modems.

What is GPS?

GPS is the acronym for Global Positioning System. A constellation (network) of 24 operational satellites that continuously transmit coded information (signals), which makes it possible to precisely identify locations on earth by a mathematical method called trilateration.

What then is GPS based Fleet Management Solution?

A GPS based Fleet Management Solution is a real time Fleet and Asset Management System that uses GPS (Global Positioning System) to monitor the whereabouts of every vehicle on your fleet. In-vehicle GPS tracking devices are attached to each vehicle and configured to send update reports on position, speed, direction, altitude, fuel levels, harsh breaking, idle time, ignition status, etc. at regular time interval to secure servers, using cellular network through embedded modems. Users anywhere in the world with access to the internet can track and manage their resources using our state-of-the-art tracking platform. The available information and customized reports allow the person in charge to make educated decisions and to effectively manage their fleet of vehicles (assets).

What are the benefits of this system?

Procuring our fleet management solution accords you the following benefits;

- ❖ Curb driver's excesses – Monitor adherence to speed limits (prevent over speeding), curb excessive idling, prevent unauthorized journeys and stoppages.
- ❖ Improved Fleet utilization/productivity.
- ❖ Enhanced supply chain traceability.
- ❖ Employee's productivity is enhanced when they are aware that they are being monitored.
- ❖ Fast Delivery of goods increases customer's satisfaction.
- ❖ Being able to track vehicle location at all-time not only increases vehicle security but also allows you to make better estimate of vehicle arrival time.
- ❖ Restrict your vehicle from going beyond certain pre-set boundaries.
- ❖ Allows emergency communication with vehicle in remote areas.
- ❖ Enhanced fleet scheduling efficiency.



How does it work?

In-vehicle tracking devices are attached to the vehicles to be managed or monitored. These tracking devices access the cellular network through SIM Cards and modems (just like your mobile phones). These devices are configured over the air to send update reports to a data centre (server) at regular intervals. The device also receives queries and commands from the operator on its SIM Card which has a unique number (0803xxxxxxx, 0809xxxxxxx, 0802xxxxxxx etc.), through the cellular network (SMS and GPRS).

Our state-of-the-art tracking application, hosted on Microsoft server, process these information, facilitating real-time tracking, allowing you to manage your fleet effectively. You are able to view your vehicles on maps as they move about, generate reports which are usually customized to meet your specific requirement.

Who does the tracking?

The client gets to do the tracking themselves, as the application is user friendly. Usually, we render free training to persons nominated by those clients who purchase our fleet management services.

What Cellular Networks are supported?

Our tracking devices have multi-network support. These gadgets work with every major cellular network in Nigeria (MTN, Airtel, Glo and Etisalat). The choice of network is actually yours. Our low cost TK103 model supports dual SIM Card. Thus, reducing the chances of your vehicle entering blind area.

What happens when vehicles enter blind areas?

The tracking devices are equipped with storage facilities (SD cards or memory cards) on which they store tracked data and automatically forwards them to the server once GPRS network is detected.

What if the tracking device is tampered with?

The devices are equipped with sensors that detect when they are being tampered with. Usually, the operator is notified once anyone tries to manipulate or tamper with the device.

What happens when the vehicle's battery is disconnected or runs down?

The gadgets are equipped with Rechargeable Lithium-Ion backup batteries which sustains them for a reasonable period of time. So, tracking activities still go on even when the vehicle battery is disconnected or runs out of charge. The tracking device will automatically switch over to the vehicle charging system once power supply is restored.