

## Vehicle tracking system

Today, we are talking about invention and new technology. GPS vehicle tracking system is an incredible sample of development in GPS tracking system. These days a vehicle tracker device utilizes this product within request to give various offices. Here we would experience subtle elements of this incredible tracking device.

How would you feel when you get a little gadget for tracking, securing and looking your vehicle with the help of original new vehicle tracking system? That is not all! New GPS vehicle tracking system is prepared to give the important data to safe driving with decreased fuel costs.

Our **vehicle tracking system** combines the use of automatic **vehicle** location in individual **vehicles** with software that collects these **fleet** data for a comprehensive picture of **vehicle** locations.

Major constituents of the GPS-based tracking are:

1. **GPS tracking:** The device fits into the vehicle and captures the GPS location information apart from other vehicle information at regular intervals to a central server. Other vehicle information can include fuel amount, engine temperature, altitude, [reverse geocoding](#), door open/close, tire pressure, cut off fuel, turn off ignition, turn on headlight, turn on taillight, battery status, [GSM](#) area code/cell code decoded, number of GPS satellites in view, glass open/close, fuel amount, emergency button status, cumulative idling, computed [odometer](#), engine RPM, [throttle](#) position, GPRS status and a lot more. Capability of these devices actually decide the final capability of the whole tracking system; most vehicle tracking systems, in addition to providing the vehicle's location data, feature a wide range of communication ports that can be used to integrate other on board systems, allowing to check their status and control or automate their operation<sup>[2]</sup>.
2. **GPS tracking server:** The tracking server has three responsibilities: receiving data from the [GPS tracking unit](#), securely storing it, and serving this information on demand to the user.
3. **User interface:** The UI determines how one will be able to access information, view vehicle data, and elicit important details from it.

Vehicle tracking systems are commonly used by fleet operators for fleet management functions such as fleet tracking, routing, dispatching, on-board information and security. Some vehicle tracking systems are bundled with or interface with fleet management software. Along with commercial fleet operators, urban transit agencies use the technology for a number of purposes, including monitoring schedule adherence of buses in service, triggering automatic changes of buses' destination sign displays once the vehicle approaches the bus terminus (or other set location along a bus route such as a particular bus stop along the route), and triggering pre-recorded (or even synthetic speech) bus stop, route (and its destination) or service announcements for passengers.

## WE PROVIDE VEHICLE TRACKING SOFTWARE SYSTEM WITH

1. CONTROL PANEL
2. USER INTERFACE
3. MOBILE APPLICATION(Android/IOS)
- 4.

**CONTROL PANEL:** Control panel helps you to control user accounts, user accesses, payment related settings, basic configuration settings and expiry dates of objects. Hosted server accessed users can get access of control panel.

### Control Panel interface Benefits:

Add and control users and objects

Define user access levels

Define object expiration date

Define settings such as Logo, email server, payment type and history period.

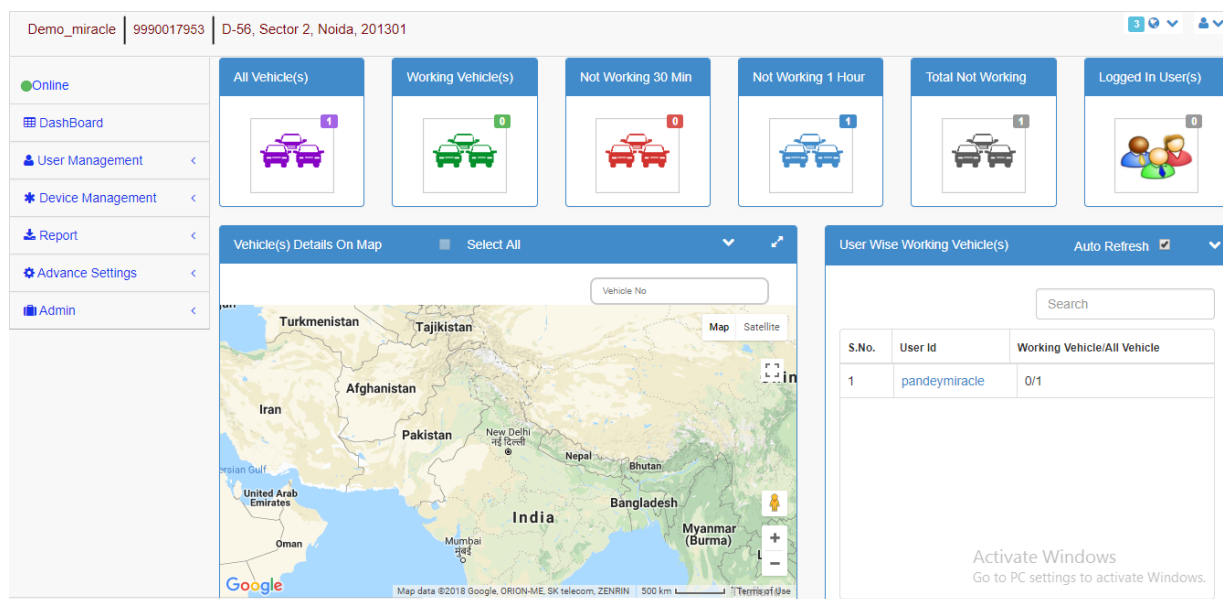
User and object behavior records

Access of various server management tools

Features of Control panel

### 1. DASHBOARD:

Include summarized form of the data stored in the panel reflect all the vehicle at one place with working or not working data of the vehicle



## 2. USER MANAGEMENT:

Give you the access of add/edit the user details with the facility to barred the user

The screenshot shows the 'User Management' form in a web application. The top header displays the user 'Demo\_miracle' with ID '9990017953' and location 'D-56, Sector 2, Noida, 201301'. The left sidebar contains navigation links: Online, DashBoard, User Management (selected), Add/Edit User Details, Barred User Details, Main User Details, Mobile App Users (2/2), Device Management, Report, Advance Settings, and Admin. The main form area has tabs for 'New' and 'List'. The 'New' tab is active, showing a form with the following fields: \*User Id (text input), \*User Name (text input with value 'demo'), \*Password (password input), \*User Type (dropdown menu), \*User Phone No (text input with value '0123456789'), \*User EmailId (text input with value 'xyz@abc.com'), User DOB (date picker with value '2018-05-16'), \*Gender (dropdown menu), Mobile App (toggle switch set to 'OFF'), Portal Login (toggle switch set to 'OFF'), User Image (image upload area with 'No Image' text and a 'Select Image' button), and User Address (text area). At the bottom right, there is a Windows activation watermark.

## 3. DEVICE MANAGEMENT:

Give you the access of add/edit the Device details with the facility to barred the device and allocating the device to the user

The screenshot shows the 'Device Management' form in a web application. The top header displays the user 'Demo\_miracle' with ID '9990017953' and location 'D-56, Sector 2, Noida, 201301'. The left sidebar contains navigation links: Online, DashBoard, User Management, Device Management (selected), Add/Edit Device Details, Barred Device Details, Vehicle Allocation, Report, Advance Settings, and Admin. The main form area has tabs for 'New' and 'List'. The 'New' tab is active, showing a form with the following fields: Device Installation Date (date picker with value '2018-05-16'), \*Device Id (text input), \*Device Type (dropdown menu with a 'Show' button), \*Device IMEI (text input), \*Sim Phone No (text input), Sim IMEI (text input), Sim Selection (dropdown menu with value 'Company'), \*Sim Operator (dropdown menu), \*Vehicle Type (dropdown menu), \*Vehicle No (text input), Vehicle Details (text input), Device Sold By (dropdown menu), Device Installed By (dropdown menu), and Advance Settings (toggle switch set to 'OFF'). A green 'SUBMIT' button is located at the bottom right. At the bottom right, there is a Windows activation watermark.

#### 4. REPORT:

Include

1. Alert log
2. Device added details
3. Sim operator details
4. Unknown vehicles
5. Vehicle specific details

Demo\_miracle | 9990017953 | D-56, Sector 2, Noida, 201301

Online

DashBoard

User Management

Device Management

Report

Alert Log

Device Added Details

Sim Operator Details

Unknown Vehicles

Vehicle Specific Details

Advance Settings

Admin

Alert Log

USER ID : pandeymiracle SUBMIT

2018-05-16 12:33:21 2018-05-16 12:33:21 Submit

Activate Windows  
Go to PC settings to activate Windows.

#### 5. Advance setting :

Include:

1. User Credentials
2. Fuel Calibration
3. Add removed vehicle
4. SMS allocation
5. Sales Information

Demo\_miracle | 9990017953 | D-56, Sector 2, Noida, 201301

Online

DashBoard

User Management

Device Management

Report

Advance Settings

User Credential

Fuel Calibration

Add Removed Vehicle


SMS Allocation

Sales Information

Admin

Credential Management

USER ID : Select User Id



### User Credential Detail

User Type : User Type

Password : Password

Gender : Gender

Mobile Model : Mobile Model

Mobile App : Mobile Application

Portal Login : Portal Login

User Name : User Name

Contact No : Contact No

Email Id : Email Id

Mobile IMEI : Mobile IMEI

Valid Till : Mobile App Valid Till

Address : User Address

Activate Windows  
Go to PC settings to activate Windows.

## 6. Admin:

Include

1. Mobile portal features
2. Device Type
3. Remove user details
4. Remove devices
5. Menu allocation
6. Employee management
7. Send message
8. Change User Password

Inbox - Zoh... | Maharashtra | 103.20.214.1 | Best Web D... | GPS Device | Vehicle Trac... | Fleet Featur... | Vehicle trac... | GPS Tracking... | Nikita

103.20.214.119:7001/MobilePortalFeatures.aspx

Demo\_miracle | 9990017953 | D-56, Sector 2, Noida, 201301

Online

DashBoard

User Management

Device Management

Report

Advance Settings

Admin

Mobile Portal Features

New

pandeymiracle

☒ DashBoard

☒ Is Feature Visible

☒ History Replay

☒ All Activities

☒ Settings

☒ Log Out

☒ Last Locations

☒ Ignition Enabled/Disabled

☒ Distance Report

☒ Live Track

☒ Is LogOut Required

☒ View All Vehicles

☒ Check For Update

☒ Rate This App

☒ Go On Map

☒ Get Last Activities

☒ Parking Enabled/Disabled

☒ Push Required

SUBMIT

Activate Windows  
Go to PC settings to activate Windows.

## User Interface:

User Interface is the interface which designed for our partner's Customers our vehicle tracking System is easy to use. It allows us to monitor thousands of targets in a single account. Due to optimization of core software all tasks run instantly in a single account.

### Real Time Tracking:

Real time tracking has wide range of features. It allows us to see list of available objects in that network, to know present position of the object, at what time the object connected last time, current speed of the object, address, important alerts, to change the map type, sensor parameters and to change the language of the interface etc.

### History

Our device is having a great feature i.e. History. History shows all server recorded data of configured devices for a particular period of time. All possible information collected from GPS tracking device such as time, speed, location, halts, events etc. History displayed in various formats such as map, graph and HTML/XML format.

### Events

'Events' is one of the essential features offered along with our software. It is used to trigger actions through significant and disruptive activities. Customer will receive instant notifications in the form of SMS or email triggered by various event types.

### Reports

Our software can generate detailed informative reports about trips, fuel monitoring, driving performance, and activity in particular area or route. These reports will help to analyze a large amount of data about entire group of vehicles. Reports in the form of HTML/XLS will send to email addresses of the customers.

### Sensors

Various aspects like fuel level, voltage, temperature, performance etc. Formulas and calibration tables are available to calculate accurate measurements.

### Object Control

We can control the object by using commands which are provided along with the software. It has a great feature to control vehicles remotely. Turn on/off ignition of the engine and manage many other features.

### Geo fencing

## Routes preparation

## Point of Interest (POI)

## Additional Tools

## User Settings

### Dashboard:

**Miracle ITES**  
Technology Empowerment Training

User Picture

DEMO

Dashboard

Map Feature

Report

Admin

Route Solution

Fleet Status

Refresh Interval: 30 Second

Legend:

- Dormant-0
- Running-1
- Not Working-0
- Stopped-2

Pie Chart Data:

Status	Count	Percentage
Running-1	1	33%
Stopped-2	2	67%
Dormant-0	0	0%
Not Working-0	0	0%

Search

S.No.	Vehicle No	LastUpdateOn	Location	Status	Speed	Driver	PowerStatus	AcStatus	DoorStatus	FuelInLtr	CMD
1	1	2018-07-20 12:00:00	Chennai	Running-1	0	Driver	On	On	Open	100	Stop

Map

Search Vehicle

Legend: All Vehicle, Search Vehicle, Map, Satellite

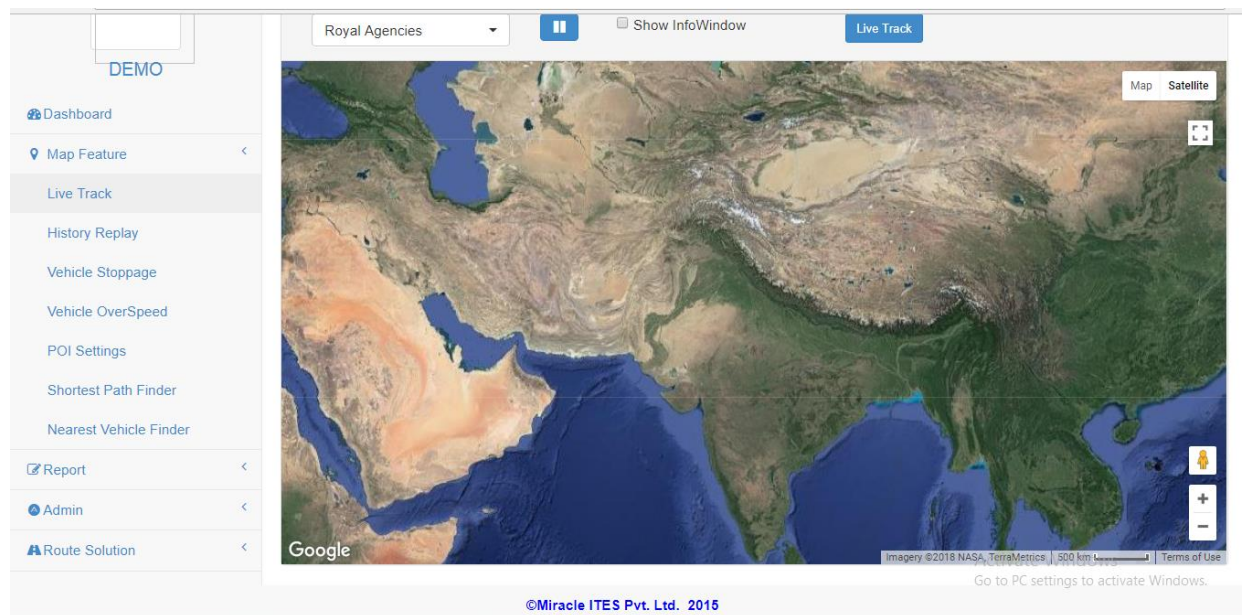
Google

Imagery ©2018 TerraMetrics | 500 km | Terms of Use

## 1. **MAP FEATURES:**

Include:

1. Live Track
2. History replay
3. Vehicle stoppage
4. Vehicle over speed
5. POI Setting
6. Shortest path finder
7. Nearest vehicle finder



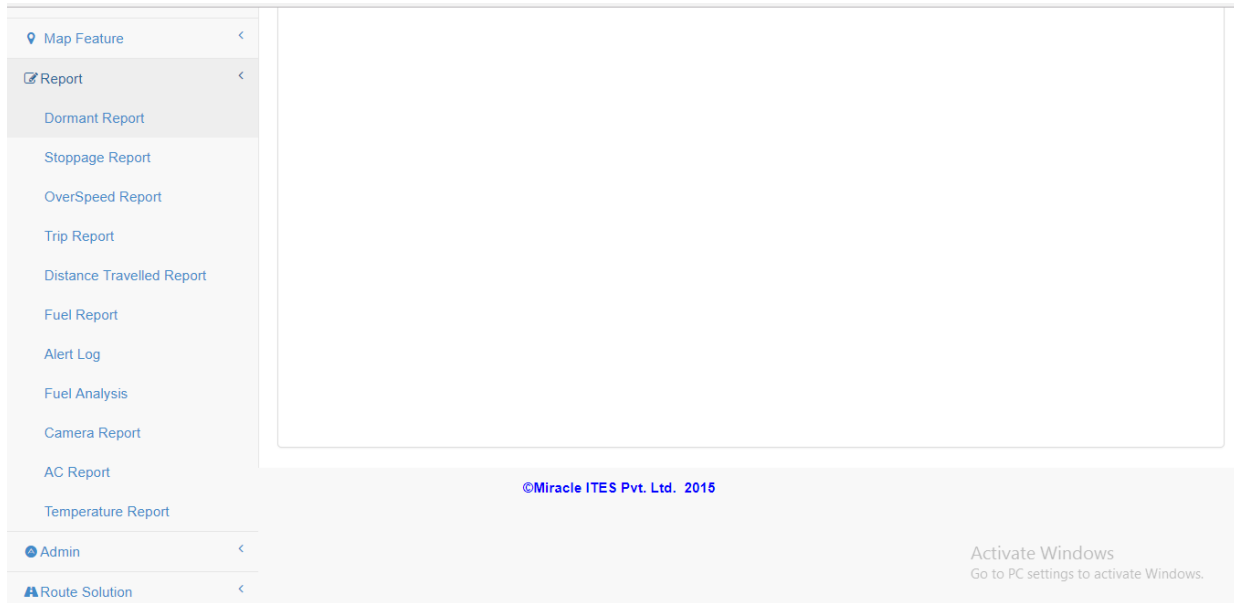
## 2. **REPORT:**

Include

1. Dormant Report
2. Stoppage Report
3. Over speed report
4. Trip Report
5. Distance Travelled report
6. Fuel Report
7. Alert log
8. Fuel Analysis



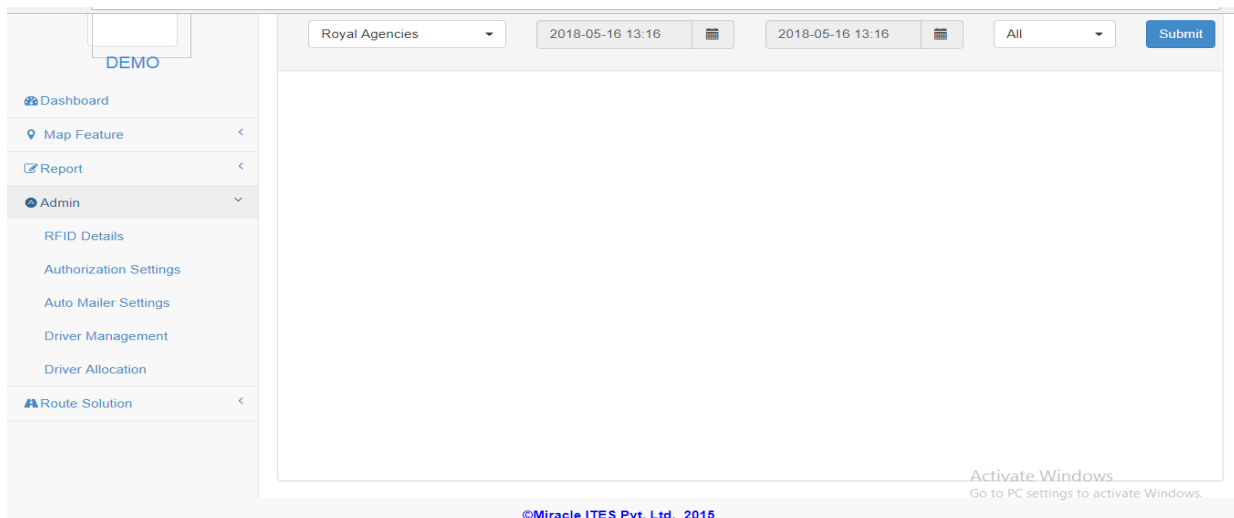
- 9. Camera Report
- 10. AC report
- 11. Temperature Report



ADMIN:

Include:

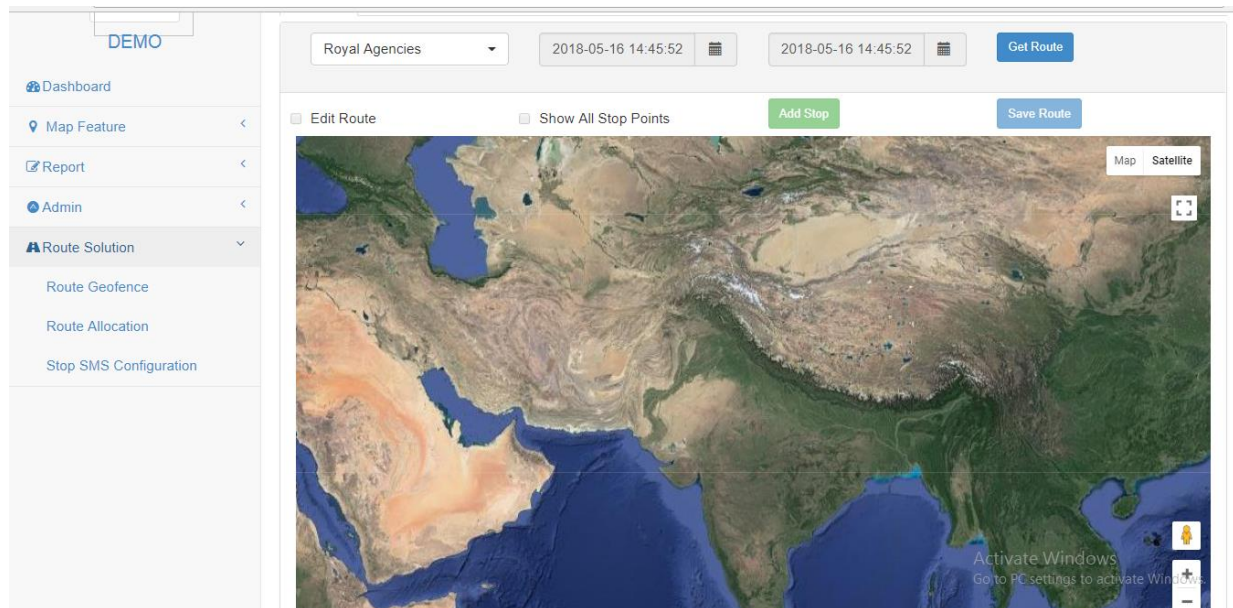
- 1. RFID Details
- 2. Authorization setting
- 3. Auto mailer setting
- 4. Driver management
- 5. Driver Allocation



## Route Solution:

### Include

1. Route geofence
2. Route allocation
3. Stop SMS Configuration



### ■ Mobile Apps:

Our mobile apps are free and allow you not only to use our software in any mobile device and it converts your mobile into a GPS vehicle tracker

Our tracking software supports four mobile operating systems such as Android, IOS, Windows and BlackBerry. Applications are connecting with server and sending location data which can be checked in GPS-server.net user account.

