



# GPS Vehicle Tracker User's Manual

**Trisystems Integrated Solution Sdn. Bhd.**  
No. 6, Jalan Tiang U8/91  
Taman Perindustrian Bukit Jelutong  
Seksyen U8, 40150 Shah Alam  
Selangor, Darul Ehsan  
Malaysia

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# About GPS Vehicle Tracker



Congratulations on selecting the Roverpoint GPS Vehicle Tracker. This manual contains valuable information on installation, use, and care of your device. Please take the time to read this manual to take full advantage of your device many benefits and features. This manual covers model TSGPS-01.

Your GPS Tracker has been preset to work with Trisystems central server. It works based on the GPS Tracking System that uses GPS, GSM and Web technologies. The GPS Tracker is ready to be deployed when you purchase the device together with its service plan.

The GPS Tracking System may be used for various applications such as the following:

- Vehicle tracking
- Vehicle security
- Fleet management
  - Government fleets
  - Public transportation fleets
  - Cargo fleets
  - Service fleets
  - Utility fleets
  - Taxi and limousine fleets
  - Construction and contractor fleets
- Car rental
- Dispatch and delivery

## BENEFITS

- Reduce fuel cost
- Reduce overtime
- Reduce private use
- Reduce traffic violation
- Reduce management cost
- Improve fleet efficiency
- Improve people and fleet safety and security
- Improve customer satisfaction

## FEATURES

<b>FUNCTION/ REPORTS</b>	<b>FEATURE</b>
<b>View location on map</b>	Yes
<b>Current location</b>	Yes
<b>Historical location</b>	Yes
<b>Show route</b>	Yes
<b>Downloadable data</b>	Yes
<b>Time, location, ignition &amp; speed info</b>	Yes
<b>Distance and duration travelled</b>	Yes
<b>Mileage report</b>	Yes
<b>Speeding report</b>	Yes
<b>Idle stop report</b>	Yes
<b>Trip Departure, arrival &amp; stop report</b>	Yes
<b>Visited point of interest</b>	Yes
<b>Visited geo-fenced areas</b>	Yes
<b>Visited checkpoints</b>	Yes
<b>Hard brake &amp; acceleration report</b>	Yes
<b>Charging level indicator</b>	Yes
<b>Fuel consumption &amp; service record</b>	Yes
<b>User / Admin function</b>	Yes

# Installation Instructions



## PARTS & ACCESSORIES

Upon purchase of your GPS Tracker, please check that the unit comes in complete set:

1. GPS tracker main unit with cigarette lighter plug
2. Antenna

## ANTENNA

Install the GPS/GSM antenna by connecting the two screw type antenna connectors. The connectors are marked GPS and GSM which shall be connected to the socket marked GPS ANT and GSM ANT on the tracker main unit.

## FIXING THE GPS TRACKER IN YOUR VEHICLE

The GPS Tracker may be placed inside the glove box of your vehicle. You may also hide it inside the dashboard or behind the radio console. The antenna may be placed inside the glove box, under or on the dashboard, or on the windscreen of your vehicle.



### Important

The antenna shall not be placed under metal body, sheet or surface. Metal objects block GPS signals from reaching the GPS Tracker.



**Wiring Besides the Glove Box**



**Connecting Cables to the GPS Tag**



**Attaching GPS Tag Besides the Glove Box**



**Installation Complete**



**Fixing Antenna on Dashboard**



**External View**

### **POWER SUPPLY FROM CIGARETTE LIGHTER SOCKET**

You can simply operate the GPS Tracker by plugging it into your vehicle cigarette lighter socket. It is so easy!

However if fixed connection to the vehicle is preferred or you want to enable other features of the GPS Tracking System, please read the following sections.

### **FIXED WIRING**

1. Cut the cable connected to the cigarette lighter plug. Make sure you cut it near the plug end. Remove about half to one inch of insulation at the tip of the two wires.
2. Open up the cigarette lighter compartment so that you can access its wiring terminals.
3. Connect the RED wire (or wire with white line indicator) to the positive terminal of the cigarette lighter terminal and BLACK wire to the negative terminal.

The GPS tracker should operate when the ignition is ON and switched OFF when the ignition is OFF.



### **Important**

Make sure you do not connect the GPS Tracker to wires that are connected direct to the battery because of the following reasons: 1) Ignition OFF status could not be monitored. 2) Idle stop status could not be monitored. 3) Shortened the lifespan of your GPS Tracker.

### **WIRING TO GPS TRACKER INPUT (MODEL TS-GPSXX-A ONLY)**

If you want to monitor other device or system in your vehicle, e.g. air-conditioner, door, etc, you need to connect the GPS Tracker to the device circuit. Two inputs are provided. So you can monitor up to two devices in your vehicle.

1. Identify the device circuit in your vehicle.
2. Connect the input wires of the GPS Tracker in parallel to the device circuit.

# Operating Instructions

## ACCESSING ROVERPOINT WEB PAGE

Upon purchase of your Roverpoint GPS Tracker, you are allowed to access the Roverpoint fleet management user account via the Internet browser.

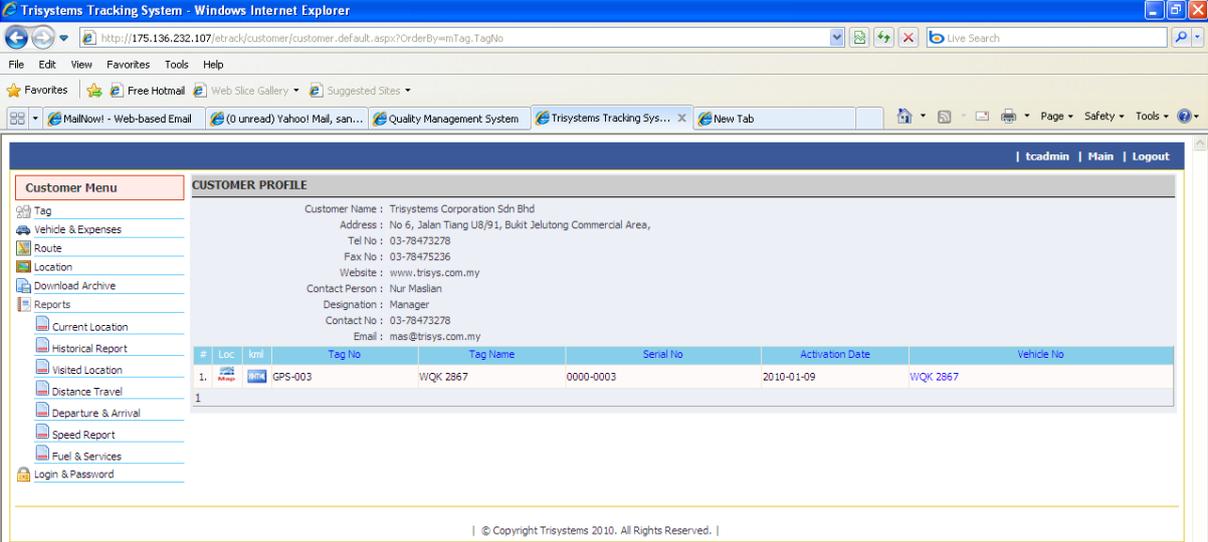
To do this, please browse this URL: <http://www.roverpoint.com>  
You need to key in your username and password to access your user account.

 <b>Notes</b>	Username and password will be provided by your vendor when you purchase the GPS tracker.
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## LOGIN INTO USER ACCOUNT

<b>Username :</b> <input type="text"/>	<b>Password :</b> <input type="password"/>	<input type="button" value="Login"/>
--	--	--------------------------------------

Key-in your username and password for accessing web reporting system.



Customer Menu

**CUSTOMER PROFILE**

Customer Name : Trisystems Corporation Sdn Bhd  
Address : No 6, Jalan Tiang U8/91, Bukit Jelutong Commercial Area,  
Tel No : 03-78473278  
Fax No : 03-78475236  
Website : www.trisys.com.my  
Contact Person : Nur Maslian  
Designation : Manager  
Contact No : 03-78473278  
Email : mas@trisys.com.my

#	Loc	kml	Tag No	Tag Name	Serial No	Activation Date	Vehicle No
1.			GPS-003	WQK 2867	0000-0003	2010-01-09	WQK 2867

1

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Default page of the system

## ROVERPOINT FLEET MANAGEMENT SYSTEM SUMMARY

Item	Module	Application/Purpose	Information	Function
1	Tag	Register and manage tag	List all tag by: <ul style="list-style-type: none"> <li>• Tag no.</li> <li>• Tag name</li> <li>• Serial no.</li> <li>• Activation date</li> <li>• Vehicle no.</li> </ul>	<ul style="list-style-type: none"> <li>• Add tag</li> <li>• Edit</li> <li>• Delete</li> </ul>
2	Vehicle and Expenses	Manage vehicle info and expenses	List all vehicle by: <ul style="list-style-type: none"> <li>• Vehicle no.</li> <li>• Vehicle type</li> <li>• Manufacturer</li> <li>• Model</li> <li>• Year register</li> <li>• Additional info</li> </ul>	<ul style="list-style-type: none"> <li>• Add vehicle</li> <li>• Edit</li> <li>• Delete</li> <li>• Fuel entry</li> <li>• Service entry</li> </ul>
3	Route	Set-up vehicle routes by selecting departure and arrival locations	List all route by: <ul style="list-style-type: none"> <li>• Route name</li> <li>• Departure location</li> <li>• Departure lat &amp; long</li> <li>• Arrival location</li> <li>• Arrival lat &amp; long</li> </ul>	<ul style="list-style-type: none"> <li>• Add route</li> <li>• Edit</li> <li>• Delete</li> </ul>
4	Location	Set-up points for favourite visited locations	List all location by: <ul style="list-style-type: none"> <li>• Location name</li> <li>• Location lat &amp; long</li> </ul>	<ul style="list-style-type: none"> <li>• Add location</li> <li>• Edit</li> <li>• Delete</li> </ul>
5	Geo-fence	Set-up geo-fence for favourite visited areas	List all geo-fence by: <ul style="list-style-type: none"> <li>• Geo-fence name</li> <li>• Geo-fence type</li> <li>• Point no.</li> <li>• Point lat &amp; long</li> <li>• Radius/ distance</li> <li>• Surface area</li> <li>• Area address</li> </ul>	<ul style="list-style-type: none"> <li>• Add geo-fence</li> <li>• Edit</li> <li>• Delete</li> <li>• Assign tag tour</li> </ul>
5(a)	<ul style="list-style-type: none"> <li>• Assign tag tour</li> </ul>	Assign tag to selected geo-fence areas	List and select by: <ul style="list-style-type: none"> <li>• Geo-fence areas</li> </ul>	<ul style="list-style-type: none"> <li>• Add assignment</li> <li>• Edit</li> <li>• Delete</li> </ul>
6	Download archive	Save historical data in your computer in MS XL format	List all selected data	<ul style="list-style-type: none"> <li>• Retrieve data</li> <li>• View</li> <li>• Save</li> </ul>
<b>7</b>	<b>REPORT:</b>			
7.1	Current location	Monitor current location	List current/ last info of all tag by: <ul style="list-style-type: none"> <li>• Power status</li> <li>• Tag no.</li> <li>• Tag name</li> <li>• Lat &amp; long</li> </ul>	Show current/ last location of all tag on maps for single or multiple tags

			<ul style="list-style-type: none"> <li>• Speed</li> <li>• Date &amp; time</li> <li>• Area address</li> </ul>	
7.2	Historical report	Monitor previous locations	List historical info by: <ul style="list-style-type: none"> <li>• Power status</li> <li>• Date &amp; time</li> <li>• Lat &amp; long</li> <li>• Speed</li> <li>• Acceleration</li> <li>• Area address</li> </ul>	Show historical info of selected tag
7.3	Visited location	Monitor visits to point of interest	List visited location by: <ul style="list-style-type: none"> <li>• Location name</li> <li>• Date &amp; time</li> </ul>	Show date & time of visiting selected location
7.4	Geo-fence	Monitor visits to geo-fenced areas	List visited geo-fence by: <ul style="list-style-type: none"> <li>• Geo-fence name</li> <li>• Date &amp; time</li> <li>• Duration</li> <li>• Point area address</li> </ul>	Show date & time of geo-fence area visited by selected tag
7.4(a)	<ul style="list-style-type: none"> <li>• Geo-fence checkpoint</li> </ul>	Monitor visits to checkpoints	List all tag by: <ul style="list-style-type: none"> <li>• Tags inside geo-fence</li> <li>• No. of tags outside geo-fence</li> </ul>	Show all tag visiting geo-fenced checkpoints on selected date
7.4(b)	<ul style="list-style-type: none"> <li>• Geo-fence tag tour</li> </ul>	Monitor geo-fenced areas visited and not visited	Tabulation by week: <ul style="list-style-type: none"> <li>• Daily status of visiting (or not visiting) geo-fence area</li> </ul>	Show whether geo-fence area is visited (or not visited) by selected tag
7.5	Departure & arrival	Monitor departure & arrival time	List travelling by: <ul style="list-style-type: none"> <li>• Departure date &amp; time</li> <li>• Direction</li> <li>• Arrival date &amp; time</li> <li>• Duration of travel</li> <li>• Top speed</li> </ul>	Show departure and arrival date & time of selected tag for a selected route
7.5(a)	<ul style="list-style-type: none"> <li>• Stop area</li> </ul>	Monitor stop area	List stop area by: <ul style="list-style-type: none"> <li>• Date</li> <li>• Lat &amp; long</li> <li>• Stop area</li> <li>• Duration</li> </ul>	Show stop area between departure and arrival locations
7.6	Mileage	Monitor mileage	List mileage by: <ul style="list-style-type: none"> <li>• Travel mileage</li> <li>• Travel Duration</li> <li>• Stop duration</li> <li>• Top speed</li> </ul>	Show mileage travelled by day
7.7	Idle stop	Monitor unnecessary	List idle stop by:	Show stop durations

		idle time & fuel	<ul style="list-style-type: none"> <li>• Date</li> <li>• Lat &amp; long</li> <li>• Stop duration</li> <li>• Stop area</li> </ul>	when ignition is ON
7.8	Speed	Monitor speeding violation	List speeding by: <ul style="list-style-type: none"> <li>• Vehicle no.</li> <li>• Date</li> <li>• Lat &amp; long</li> <li>• Speed</li> <li>• Area address</li> </ul>	Show all speed value when speed is over selected speed limit
7.8	Hard brake & acceleration	Monitor dangerous & rough driving, i.e. wear and tear	List acceleration by: <ul style="list-style-type: none"> <li>• Date</li> <li>• Lat &amp; long</li> <li>• Speed</li> <li>• Acceleration</li> <li>• Area address</li> </ul>	Show all acceleration value during hard brake & hard acceleration
7.9	Fuel & services	Monitor fuel consumption  Monitor service date	List consumption by: <ul style="list-style-type: none"> <li>• Month</li> <li>• Year</li> <li>• Amount</li> <li>• Calculated mileage by month</li> <li>• Fuel consumption</li> </ul> List service by: <ul style="list-style-type: none"> <li>• Service date</li> <li>• Next service in KM</li> <li>• Calculated mileage since last service</li> <li>• Estimated service date</li> </ul>	Show fuel consumption by month  Show service estimated date

**Notes:** Information in the above column is displayed in tabulation format in the fleet management system. There is other information that is not tabulated but stored in the input pages.

## OPERATION GUIDE

### TAG

The screenshot shows the 'TAG LIST' page in the Trisystems Tracking System. The page has a search bar for 'Tag No' and a 'Show All Tag Location' button. Below the search bar is a table with the following data:

#	Loc	Edit	Del	Tag No	Tag Name	Serial No	Activation Date	Vehicle No
1				GPS-003	WQK 2867	0000-0003	2010-01-09	WQK 2867

Below the table are buttons for 'Print', 'Back', and 'New Tag'. The sidebar menu on the left includes options like 'Tag', 'Vehicle & Expenses', 'Route', 'Location', 'Download Archive', 'Reports', 'Current Location', 'Historical Report', 'Visited Location', 'Distance Travel', 'Departure & Arrival', 'Speed Report', 'Fuel & Services', and 'Login & Password'. The footer of the page reads: '| © Copyright Trisystems 2010. All Rights Reserved. |'

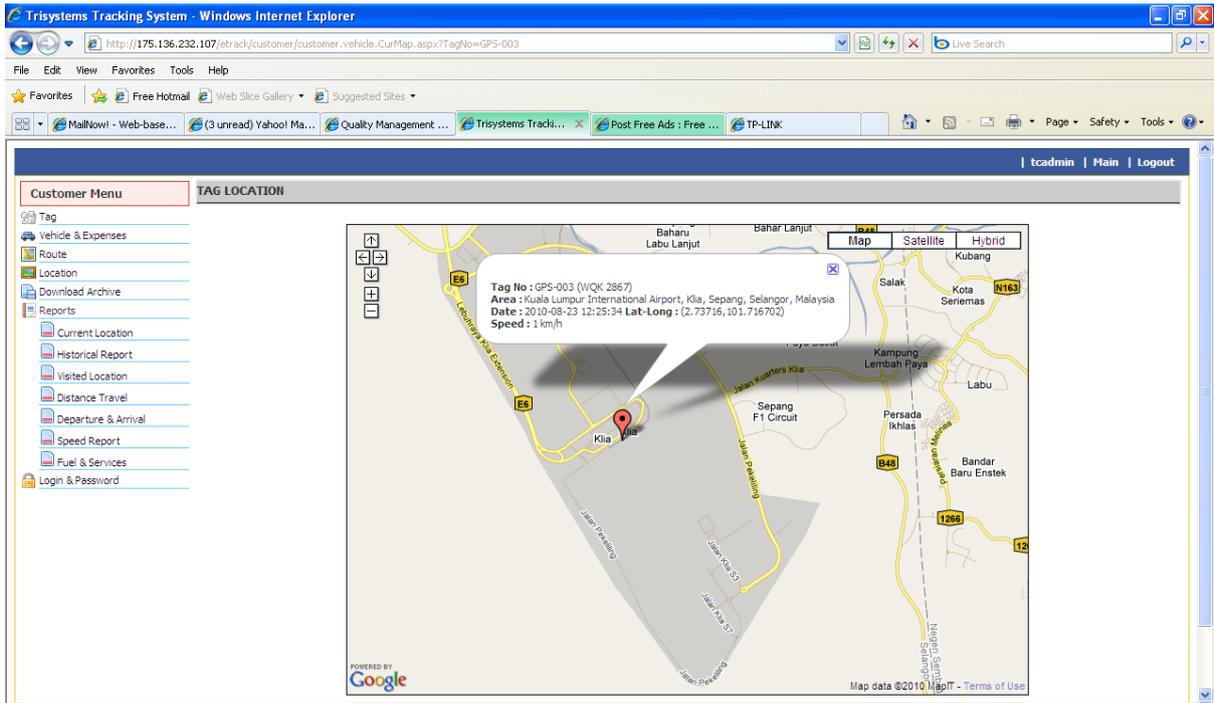
#### List of GPS Tag

From this GPS Tag list you add/update/delete GPS tag.

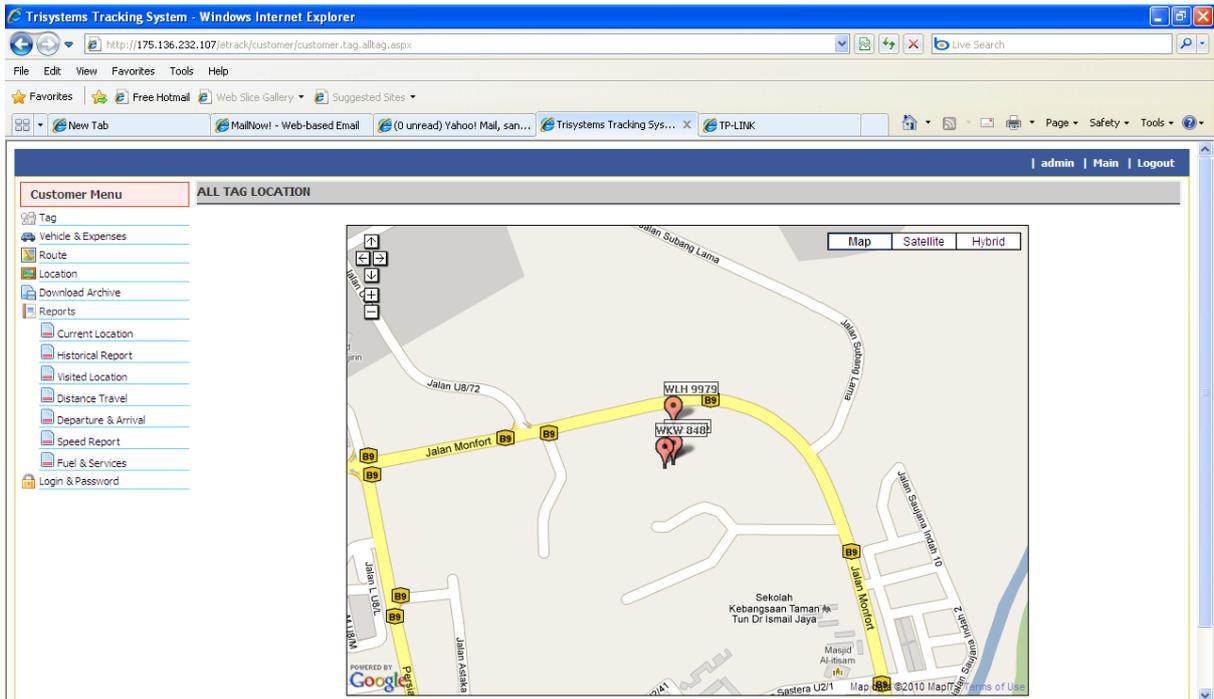
To add new tag click at 'New Tag' button to update click at icon update  and to delete the GPS tag click at  icon.

From this list also user can directly view the GPS Tag location.

 - View map location



GPS Tag Location



All GPS tag location

## VEHICLE & EXPENSES

Module that use for manage your vehicle info, fuel, and services.

Vehicle Info **Fuel** Service

### VEHICLE INFO

\*Registration No:   
Vehicle Type:   
Manufacturer:   
Model:   
Year Register:   
Purchase Date:   
Purchase Price:   
Additional Info:   
Tag:

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### Vehicle info

Vehicle Info **Fuel** Service

### FUEL

Refuel Date:   
Amount (RM):   
Liter:   
Fuel Type:

Edit	Del	Refuel Date	Amount	Liter	Fuel Type
<a href="#">Edit</a>	<a href="#">Del</a>	2010-06-22	77.78	132.226	Diesel
<a href="#">Edit</a>	<a href="#">Del</a>	2010-06-21	105.2	178.84	Diesel

1

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### Vehicle fuel info

Vehicle Info **Fuel** Service

### SERVICE

Service Date:   
Service after:  km

Edit	Del	Service Date	Service km

1

### Vehicle service info

# ROUTE

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.route.list.aspx?OrderBy=RouteName

File Edit View Favorites Tools Help

MailNow! - Web-based Email (0 unread) Yahoo! Mail, sanj... Trisystems Tracking System TP-LINK

tcadmin | Main | Logout

**Customer Menu**

- Tag
- Vehicle & Expenses
- Route
- Location
- Download Archive
- Reports
  - Current Location
  - Historical Report
  - Visited Location
  - Distance Travel
  - Departure & Arrival
  - Speed Report
  - Fuel & Services
  - Login & Password

**ROUTE LIST**

Route Name :  Search

#	Edit	Del	Route Name	Departure Location	Departure Latitude	Departure Longitude	Arrival Location	Arrival Latitude	Arrival Longitude
1.			Trisystems - KLIA	Trisystems	3.110203	101.553905	KLIA	2.736507	101.716902

1 records found.

Print Back New Route

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# LOCATION

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.location.list.aspx?OrderBy=LocationName

File Edit View Favorites Tools Help

MailNow! - Web-based Email (0 unread) Yahoo! Mail, sanj... Trisystems Tracking System TP-LINK

tcadmin | Main | Logout

**Customer Menu**

- Tag
- Vehicle & Expenses
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  - Current Location
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  - Visited Location
  - Distance Travel
  - Departure & Arrival
  - Speed Report
  - Fuel & Services
  - Login & Password

**LOCATION LIST**

Location Name :  Search

#	Edit	Del	Location Name	Latitude	Longitude
1					

0 records found.

Print Back New Location

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# DOWNLOAD ARCHIVE

Customer Menu | **DOWNLOAD ARCHIVE** | tcadmin | Main | Logout

Tag No : WQK 2867 | From Date : 2010-07-24 | To Date : 2010-08-23 | Search

Month	Archive File List
January	
February	
March	
April	
May	
Jun	GPS-003_2010-6-23.csv   GPS-003_2010-6-24.csv   GPS-003_2010-6-25.csv   GPS-003_2010-6-26.csv   GPS-003_2010-6-27.csv   GPS-003_2010-6-28.csv   GPS-003_2010-6-29.csv   GPS-003_2010-6-30.csv
July	GPS-003_2010-7-1.csv   GPS-003_2010-7-10.csv   GPS-003_2010-7-11.csv   GPS-003_2010-7-12.csv   GPS-003_2010-7-13.csv   GPS-003_2010-7-14.csv   GPS-003_2010-7-15.csv   GPS-003_2010-7-16.csv   GPS-003_2010-7-17.csv   GPS-003_2010-7-18.csv   GPS-003_2010-7-19.csv   GPS-003_2010-7-2.csv   GPS-003_2010-7-20.csv   GPS-003_2010-7-21.csv   GPS-003_2010-7-22.csv   GPS-003_2010-7-23.csv   GPS-003_2010-7-24.csv   GPS-003_2010-7-25.csv   GPS-003_2010-7-26.csv   GPS-003_2010-7-27.csv   GPS-003_2010-7-28.csv   GPS-003_2010-7-29.csv   GPS-003_2010-7-3.csv   GPS-003_2010-7-30.csv   GPS-003_2010-7-31.csv   GPS-003_2010-7-4.csv   GPS-003_2010-7-5.csv   GPS-003_2010-7-6.csv   GPS-003_2010-7-7.csv   GPS-003_2010-7-8.csv   GPS-003_2010-7-9.csv
August	GPS-003_2010-8-1.csv   GPS-003_2010-8-10.csv   GPS-003_2010-8-11.csv   GPS-003_2010-8-12.csv   GPS-003_2010-8-13.csv   GPS-003_2010-8-14.csv   GPS-003_2010-8-15.csv   GPS-003_2010-8-16.csv   GPS-003_2010-8-17.csv   GPS-003_2010-8-18.csv   GPS-003_2010-8-19.csv   GPS-003_2010-8-2.csv   GPS-003_2010-8-20.csv   GPS-003_2010-8-21.csv   GPS-003_2010-8-22.csv   GPS-003_2010-8-23.csv   GPS-003_2010-8-3.csv   GPS-003_2010-8-4.csv   GPS-003_2010-8-5.csv   GPS-003_2010-8-6.csv   GPS-003_2010-8-7.csv   GPS-003_2010-8-8.csv   GPS-003_2010-8-9.csv

# REPORTS

## Current Location

Customer Menu | **CURRENT LOCATION** | tcadmin | Main | Logout

Tag Name :  Search Show All Tag Location

Loc	Tag No	Tag Name	Latitude	Longitude	Speed	Date	Area
1.	GPS-003	WQK 2867	2.73716	101.716702	1	2010-08-23 12:25:34	Kuala Lumpur International Airport Klia Sepang Selangor Malaysia

Print Back | 1 records found.

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Customer Menu | **TAG LOCATION** | tcadmin | Main | Logout

Tag No : GPS-003 (WQK 2867)  
 Area : Kuala Lumpur International Airport, Klia, Sepang, Selangor, Malaysia  
 Date : 2010-08-23 12:25:34 Lat-Long : (2.73716, 101.716702)  
 Speed : 1 km/h

# Historical Report

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/strack/customer/customer\_rpt.history.aspx

File Edit View Favorites Tools Help

Customer Menu | **HISTORICAL REPORT** | tadmin | Main | Logout

Tag: WQK 2867 From Date: 2010-08-20 From Time: 00:00 To Date: 2010-08-23 To Time: 23:59 Search

#	Loc	Date	Latitude	Longitude	Speed	Area
1.		2010-08-23 12:25:34	2.73716	101.716702	1	Kuala Lumpur International Airport Klia Sepang Selangor Malaysia
2.		2010-08-23 12:20:44	2.734697	101.71252	3	Kuala Lumpur International Airport Klia Sepang Selangor Malaysia
3.		2010-08-20 18:18:11	2.737143	101.716645	0	Kuala Lumpur International Airport Klia Sepang Selangor Malaysia
4.		2010-08-20 18:13:20	2.735308	101.71766	50	Kuala Lumpur International Airport Klia Sepang Selangor Malaysia
5.		2010-08-20 18:03:29	2.774112	101.715753	75	Jalan Pekelling Klia 64000 Klia Selangor Malaysia
6.		2010-08-20 17:58:39	2.784017	101.676203	68	Exit Lebuhraya Klia Extension Klia 64000 Klia Selangor Malaysia
7.		2010-08-20 17:53:49	2.831395	101.660743	43	Lebuhraya Klia Extension 43900 Klia Selangor Malaysia
8.		2010-08-20 17:48:58	2.868705	101.638402	76	Lebuhraya Utara - Selatan Hubungan Tengah Banting Selangor Malaysia
9.		2010-08-20 17:44:08	2.914282	101.608612	78	Lebuhraya Utara - Selatan Hubungan Tengah Banting Selangor Malaysia
10.		2010-08-20 17:39:18	2.96102	101.581532	74	Lebuhraya Utara - Selatan Hubungan Tengah Puchong Selangor Malaysia
11.		2010-08-20 17:34:27	3.012417	101.580625	82	Lebuhraya Utara - Selatan Hubungan Tengah Putra Heights 47650 Subang Jaya Selangor Malaysia
12.		2010-08-20 17:29:35	3.063467	101.557732	74	Lebuhraya Utara - Selatan Hubungan Tengah Shah Alam Selangor Malaysia

Page No : 1 2 3 4

# Visited Location

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/strack/customer/customer\_rpt.visited.aspx

File Edit View Favorites Tools Help

Customer Menu | **VISITED LOCATION REPORT** | tadmin | Main | Logout

Tag: WQK 2867 From Date: 2010-08-23 From Time: 00:00 To Date: 2010-08-23 To Time: 23:59 Search

#	Location	Date Time
1.	Kuala Lumpur International Airport (KLIA)	2010-08-23 12:20:44

Print Back

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## Distance Travel

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.rpt.distance.aspx

File Edit View Favorites Tools Help

Customer Menu

**DISTANCE TRAVEL**

Tag Name: WQK 2867 From Date: 2010-08-20 From Time: 00:00 To Date: 2010-08-23 To Time: 23:59 Search

#	Tag No	Distance Travel (km)	Duration Travel	Duration Not In Motion	Top Speed (km/h)
1.	GPS-003	102.28	01:37	01:28	81.86

1 records found.

Print Back

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## Time Departure/Arrival

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.rpt.departure.aspx

File Edit View Favorites Tools Help

Customer Menu

**TIME DEPARTURE/ARRIVAL**

Tag Name: WQK 2867 Route: Trisystems - KLIA From Date: 2010-08-01 To Date: 2010-08-09 Search

#	Stop	Departure	Direction	Arrival	Duration	Top Speed (km/h)
1.	●	2010-08-09 10:46:28	→	2010-08-09 11:41:49	00:55:21	84.14
2.	●	2010-08-09 10:32:08	←	2010-08-05 16:42:26	3.17:49:42	84.43
3.	●	2010-08-05 15:44:16	→	2010-08-05 16:37:33	00:53:17	82.25
4.	●	2010-08-05 15:32:27	←	2010-08-05 14:33:58	00:58:29	80.52
5.	●	2010-08-04 15:40:41	→	2010-08-04 19:26:35	03:45:54	86.12
	Loc	Date	Latitude	Longitude	Stop Area	Period
	●	2010-08-04 15:40:41	3.136132	101.43252	Persiaran Hamzah Alang 41050 Kelang Selangor Malaysia	00:21:03
6.	●	2010-08-04 15:35:47	←	2010-08-04 14:47:12	00:48:35	88.71

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Time departure/arrival with stopped area info

# Speed Report

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.rpt.speed.aspx

File Edit View Favorites Tools Help

Trisystems Tracking System

tcadmin | Main | Logout

**CUSTOMER MENU**

Tag: Vehicle No: WQK 2867 From Date: 2010-07-24 To Date: 2010-08-23 Speed Exceed (km): 80 Search

Vehicle & Expenses

Route

Location

Download Archive

Reports

Current Location

Historical Report

Visited Location

Distance Travel

Departure & Arrival

Speed Report

Fuel & Services

Login & Password

#	Loc	Vehicle No	Date	Latitude	Longitude	Speed	Area
1.		WQK 2867	2010-08-20 17:34:27	3.012417	101.580625	82	Lebuhraya Utara - Selatan Hubungan Tengah Putra Heights 47650 Subang Jaya Selangor Malaysia
2.		WQK 2867	2010-08-18 15:41:32	2.810275	101.668982	81	Lebuhraya Klia Extension 43900 Klia Selangor Malaysia
3.		WQK 2867	2010-08-18 15:18:08	2.998302	101.578697	94	Lebuhraya Utara - Selatan Hubungan Tengah Subang Jaya Selangor Malaysia
4.		WQK 2867	2010-08-18 15:13:17	3.055945	101.560442	84	Lebuhraya Utara - Selatan Hubungan Tengah Shah Alam Selangor Malaysia
5.		WQK 2867	2010-08-13 15:37:03	2.886647	101.62301	82	Lebuhraya Utara - Selatan Hubungan Tengah Banting Selangor Malaysia
6.		WQK 2867	2010-08-13 15:25:49	3.002615	101.580197	83	Lebuhraya Utara - Selatan Hubungan Tengah Subang Jaya Selangor Malaysia
7.		WQK 2867	2010-08-09 11:01:46	2.987633	101.57335	84	Lebuhraya Utara - Selatan Hubungan Tengah Subang Jaya Selangor Malaysia
8.		WQK 2867	2010-08-09 10:12:44	2.97258	101.573718	84	Lebuhraya Utara - Selatan Hubungan Tengah Puchong Selangor Malaysia
9.		WQK 2867	2010-08-09 10:07:52	2.921133	101.60483	83	Lebuhraya Utara - Selatan Hubungan Tengah 47100 Puchong Selangor Malaysia
10.		WQK 2867	2010-08-09 10:03:03	2.871208	101.636522	84	Lebuhraya Utara - Selatan Hubungan Tengah Banting Selangor Malaysia
11.		WQK 2867	2010-08-05 16:13:02	2.872227	101.635985	81	Lebuhraya Utara - Selatan Hubungan Tengah Banting Selangor Malaysia
12.		WQK 2867	2010-08-05 16:08:12	2.92236	101.60442	82	Lebuhraya Utara - Selatan Hubungan Tengah 47100 Puchong Selangor Malaysia

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# Fuel Consumption & Services

Trisystems Tracking System - Windows Internet Explorer

http://175.136.232.107/etrack/customer/customer.rpt.fuel.aspx

File Edit View Favorites Tools Help

Trisystems Tracking System

tcadmin | Main | Logout

**CUSTOMER MENU**

Tag: Vehicle No: WQK 2867 Year: 2010 Search

Vehicle & Expenses

Route

Location

Download Archive

Reports

Current Location

Historical Report

Visited Location

Distance Travel

Departure & Arrival

Speed Report

Fuel & Services

Login & Password

Notes: The data for fuel and service will be calculated at every midnight and maximum next service day is 90 days.

**FUEL CONSUMPTION**

Month	Year	Amount	Mileage Calculated (km)	Amount / km
6	2010	182.98	1219.48	0.15
7	2010	0	1749.82	0
8	2010	0	613.9	0

**SERVICES**

Service Date	Service km	Mileage Calculated (km)	Est. Service Date
1			

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# Troubleshooting Guide

PROBLEM	REMEDIAL ACTION
GPS tag does not power ON	<ul style="list-style-type: none"><li>• Make sure that vehicle ignition or engine is ON.</li><li>• Tighten the power cable connection.</li></ul>
System doesn't transmit any data	Tighten the antenna cable connections.
There is no GPS signal	<ul style="list-style-type: none"><li>• Make sure that the antenna is not blocked by materials made of metal.</li><li>• Tighten the antenna cable connections.</li></ul>

## Contact

If you have any questions relating to Trisystems products, please contact our Head Office:

TRISYSTEMS INTEGRATED SOLUTION SDN BHD  
No. 6 Jalan Tiang U8/91  
Taman Perindustrian Bukit Jelutong  
40150 Shah Alam  
Selangor Darul Ehsan

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# Specification

Model: TSGPS-001

Power input: 12 volts

GSM frequency: Tri-band 900, 1800, 1900 MHz

GPS Module: SirfStar III

Dimension: Approx. 112 mm x 65 mm x 25 mm