

Tracking Genie Training Module



### What is Tracking Genie?

Tracking Genie is an innovative and cost-effective provider of world-class vehicle tracking solutions. Established in the year 2007, we are an ISO 9001:2008 certified company. We provide robust hardware along with cutting-edge web and mobile applications to help our customers manage their single or an entire fleet of vehicles.

With our well-defined processes that support and deliver world-class services, we also have a flexible model for the design, development, deployment and maintenance of customized vehicle tracking solutions, based on our customers' precise needs and expectations.



### **Contd...** What is Tracking Genie?

Our passion lies in helping businesses find new ways to grow, increase their everyday efficiency and delight their customers with much-improved services. Using our innovative and intelligent vehicle tracking solutions, their management can now have a complete picture of what's happening out there in the field, and use that knowledge to further improve their operations. We transform the complex and ever-growing piles of paper with raw data into simple, easy-to-understand information.



### Need of Tracking Genie

Maximise Return of investment on commercial vehicles by tracking and properly controlling operations. Driver behaviour analysis and management.

Overspeeding

Halts

Ideling

Night driving

Protect Vehicle theft

Live tracking

**Vehicle Maintenance Alerts** 

Increased Productivity by avoiding unauthorised stops and breaks, timely delivery

## **Positioning Systems**

The GPS (Global Positioning System) is a "constellation" of approximately 30 well-spaced satellites that orbit the Earth and make it possible for people with ground receivers (like tracking genie) to pinpoint their geographic location. The location accuracy is anywhere from 100 to 10 meters for most equipment. Accuracy can be pinpointed to within one (1) meter with special military-approved equipment. GPS equipment is widely used in science and has now become sufficiently low-cost so that almost anyone can own a GPS receiver.

- GPS-USA (Global Positioning System)
- GLONASS-Russia
- 3. Galileo- European Union
- 4. Beidou-China
- 5. INRSS- INDIA

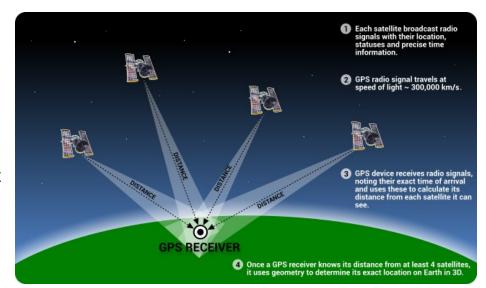


### What is GPS

GPS or Global Positioning System is a network of orbiting satellites that send precise details of their position in space back to earth. The signals are obtained by GPS receivers, such as navigation devices and are used to calculate the exact position, speed and time at the vehicles location.

GPS is well-known for its military uses and was first developed by the US to aid in its global intelligence efforts at the height of the Cold War.

Ever since the early 1980s, however, the GPS has been freely available to anyone with a GPS receiver. Airlines, shipping companies, trucking firms, and drivers everywhere use the GPS system to track vehicles, follow the best route to get them from A to B in the shortest possible time.





{t,}

GPS satellites broadcast radio signals providing their locations, status, and precise time  $\{t_{\gamma}\}$  from on-board atomic clocks.

{c}

The GPS radio signals travel through space at the speed of light  $\{c\}$ , more than 299,792 km/second.

A GPS device receives the radio signals, noting their exact time of arrival {t<sub>p</sub>}, and uses these to calculate its distance from each satellite in view.

The GPS Master Control Station tracks the satellites via a global monitoring network and manages their health on a daily basis.

Ground antennas around the world send data updates and operational commands to the satellites.

GP5

IS A CONSTELLATION
OF 24 OR MORE
SATELLITES FLYING
20,350 KM ABOVE THE
SURFACE OF THE EARTH.
EACH ONE CIRCLES THE
PLANET TWICE A DAY IN
ONE OF SIX ORBITS TO
PROVIDE CONTINUOUS,
WORLDWIDE

To calculate its distance from a satellite, a GPS device applies this formula to the satellite's signal:

distance = rate x time
where rate is {c} and time is how long the signal
traveled through space.

The signal's travel time is the difference between the time broadcast by the satellite  $\{t_{j}\}$  and the time the signal is received  $\{t_{a}\}$ .

Once a GPS device knows its distance from at least four satellites, it can use geometry to determine its location on Earth in three dimensions.

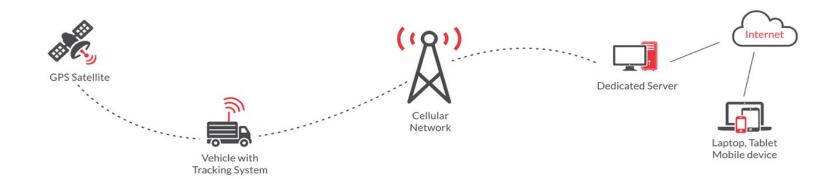
The Air Force launches new satellites to replace aging ones when needed. The new satellites offer upgraded accuracy and reliability.

How does GPS help farmers? Learn more about the Global Positioning System and its many applications at

www.gps.gov

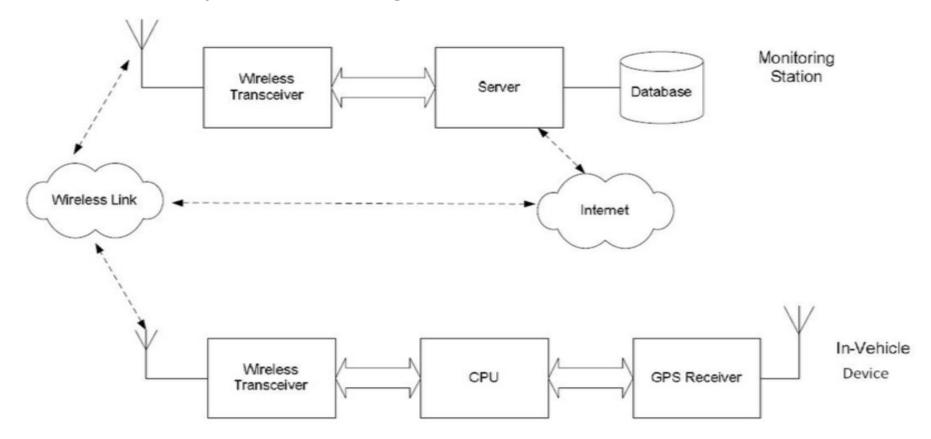


## How Tracking Genie Works











Overall system is partitioned into two major design units: In Vehicle-Unit (IVU) and Tracking Server/Monitoring Station (TS).

IVU is installed into the vehicle. It is responsible for capturing the current location of vehicle, speed of vehicle, ignition status, GPS antenna status, total kilometer run, fuel status, input power and vehicle main battery status.

IVU is also responsible for transmitting this information to TS located anywhere in the world.



#### **GPS Receiver IVU:**

IVU uses GPS receiver to capture the live parameters of the vehicle.

This data provided by GPS is not in human understandable format.

This raw data needs to be processed so that it can be converted into useful information.

Algorithm in the device is required to perform the necessary calculations to achieve this goal.



### Algorithm in device:

The raw data provided by the GPS receiver is captured by the Algorithm in the device and processed to extract the required information.

Algorithm in the device is also responsible for monitoring the other customized parameters of the vehicle.

Algorithm in the device holds all the required information that is to be transmitted to remote TS.

It also controls data transmission module to exchange information with remote TS.

It actually acts as a bridge between GPS receiver, vehicle, and remote TS.



#### **Data Transceiver:**

When all required information is extracted and processed, it needs to be transmitted to remote TS.

TS is responsible for providing this information to the end user or application.

Wireless network used to transmit vehicle's information to remote TS.

Existing GSM network is selected to transmit vehicle's information to remote TS, since it has wide coverage.

It is also less expensive approach as compared to deploying our own network for transmission of vehicle's information.



#### Server:

Server is responsible for all the backend processing.

Information received using the transceiver is processed by server.

Administrator interacts with the servers to fetch the information.



## VTS usage (Industry Wise)



## VTS usage (Industry Wise)

#### Logistics, Courier & Rent-A-Car Services:

Every minute of an hour is valuable for these industries; quickly dispatching the closest driver to the delivery location can make all the difference.

Through 2-way communication, a GPS tracking system allows both dispatchers and drivers to see which vehicle is closest to the next pick-up/drop location.

### **Emergency Services:**

Emergency services including police, ambulance, fire engines etc take the help of GPS tracking to reach the destination point as soon as possible.

Through the most feasible route by avoiding all unwanted stops/deviations/traffic blocks with the help of a control center at the headquarters.

#### **Educational Institutions:**

Who's not worried about their kids till they reach back at home from school?



# Contd... VTS usage (Industry Wise)

#### **Construction:**

Infrastructure companies make use of GPS tracking to track & monitor gigantic trailers & heavy equipment so as to know where all the assets are, all the time.

Detailed information on idled engine times make it easy for the site managers to take decisions wisely on overtime claims.

#### **Restaurants, Catering Services & Product Distribution:**

Restaurants keep more accurate delivery times and offer the food as hot as it is.

With real-time GPS route planning and dispatching, product distribution is done more easily and quickly.

#### **Personal Tracking:**

User can use this device for personally tracking his vehicles.

User can can check that his driver taken the right path or not, can check fuel consumption, how



### **Devices**



### **Devices**

### There are four devices available:

TG Ultra

TG Ultra Plus

TG Lite Plus

TG Super



#### TG ULTRA:

TG Ultra is designed for customers that simply need 24X7 location information (Tracking) of their fleet or vehicle.

Hardware Specification	Software Specification
Internal GPS & GSM antenna	30 days historic data
Battery Backup	Multi-Vehicle view on map
Current Location	Live Tracking
Geo Face Alerts	



#### **TG ULTRA PLUS:**

TG Ultra+ comes with all the features of TG Ultra in addition capability of remotely stopping the vehicle with a simple SMS command or by pressing a button from the Tracking Genie mobile app.

Hardware Specification	Software Specification
Internal GPS & GSM antenna	30 days historic data
Battery Backup	Multi-Vehicle view on map
Current Location	Live Tracking
Remote Shutdown	Geo Face Alerts



#### TG LITE PLUS:

TG LITE Plus is designed for customers advanced features of Tracking and Remote Immobilization that keeps the track of various features of vehicles like ignition, air condition etc.

Hardware Specification	Software Specification
Internal GPS & GSM antenna	30 days historic data
Battery Backup	Multi-Vehicle view on map
Current Location	Live Tracking
3 Digital input	Remote Shutdown



### TG LITE PLUS ( Continue... ):

Hardware Specification	Software Specification
Inbuilt Memory	Ingition ON/OFF Alerts
SOS Alert	Geo Face Alert
Overspeed Alert	



#### **TG SUPER:**

TG Super is designed and well suited for customers that needs additional features other than of TG Ultra and TG Lite like Fuel Monitoring, Camera or RFID based access and more.

Hardware Specification	Software Specification
External GPS & GSM antenna.	30 days historic data
Current Location	Multi-Vehicle view on map
5 Digital Input	Fuel Monitoring Support
2 Digital Output	Camera Support



### TG SUPER ( Continue... ):

Hardware Specification	Software Specification
sos	Remote Shutdown
Battery Back-up	Ingition ON/OFF Alerts
Inbuilt Memory	Geo Face Alerts
Overspeed alerts	



### Comparison Devices

http://www.trackinggenie.com/product/compare



# **Comparison Devices**

Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
GENERAL				
Subscription To Online Software	1 Year	1 Year	1 Year	1 Year
GPS & GSM Antenna	Internal	Internal	Internal	External
Historical Data	30 Days	30 Days	30 Days	30 Days
Digital Input	0	0	3	5
Analog Input	0	0	0	1
Digital Output	0	0	0	2
Current Location	Yes	Yes	Yes	Yes



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
GENERAL				
Remote Shutdown	No	Yes	Yes	Yes
Replay Tracking	Yes	Yes	Yes	Yes
User Log	Yes	Yes	Yes	Yes
Sub User Creation	Yes	Yes	Yes	Yes
Live Tracking	Yes	Yes	Yes	Yes
Fuel Monitoring	No	No	No	Yes
Multi-Vehicle View On Map	Yes	Yes	Yes	Yes



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
Harsh Breaking	No	No	No	Yes
Sudden Acceleration	No	No	No	Yes
ALERT				
Battery Disconnect	SMS/EMail	SMS/EMail	SMS/EMail	SMS/EMail
sos	No	No	SMS/EMail	SMS/EMail
No Data transmission from 24 hours	SMS/EMail	SMS/EMail	SMS/EMail	SMS/EMail
Overspeed Alert	No	No	SMS/EMail	SMS/EMail
Ignition ON/OFF Alerts	No	No	SMS/EMail	SMS/EMail



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
Geo Fence In	SMS/EMail	SMS/EMail	SMS/EMail	SMS/EMail
Geo Fence Out	SMS/EMail	SMS/EMail	SMS/EMail	SMS/EMail
Vehicle Maintainance	SMS/EMail	SMS/EMail	SMS/EMail	SMS/EMail
REPORT				
Graphical Fleet / Vehicle Status	Yes	Yes	Yes	Yes
Raw Data	Yes	Yes	Yes	Yes
Overspeed	Yes	Yes	Yes	Yes
SOS Alarm Report	No	No	Yes	Yes



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
History Report	Yes	Yes	Yes	Yes
Digital Input Report	No	No	Yes	Yes
Log Report	Yes	Yes	Yes	Yes
Device Battery Drain Report	No	No	Yes	Yes
Low Battery Report	Yes	Yes	Yes	Yes
Photo Gallery Report	No	No	No	Yes



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
Fleet Summary	Yes	Yes	Yes	Yes
Geo Fencing IN/OUT Report	Yes	Yes	Yes	Yes
Halt Report	Yes	Yes	Yes	Yes
SMS Utilization Report	Yes	Yes	Yes	Yes
Fuel Consumption Chart	No	No	No	Yes
History Report Station Wise	Yes	Yes	Yes	Yes
Station Entry/Exit Report	Yes	Yes	Yes	Yes



Name	TG Ultra	TG Ultra Plus	TG Lite Plus	TG Super
Fuel Filling Report	No	No	No	Yes
Route Deviation Report	No	No	Yes	Yes
SPECIAL FEATURE				
Camera	No	No	No	Yes
Headphone/ Microphone	No	No	No	Yes
Smart Card	No	No	No	Yes



Usage of Input, Output and Other ports



# Usage of Input, Output and Other ports

There are two input types a follow:

Digital I/P

Analog I/P

There are two output types a follow:

Digital O/P

Analog O/P



### contd...Usage of I/P, O/P and Other ports

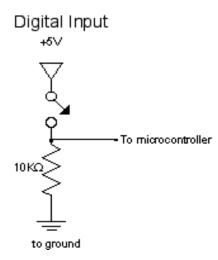
#### Digital Input:

Digital inputs have two states: off and on.

If voltage is flowing, the circuit is on.

If it's not flowing, the circuit is off.

To make a digital circuit, you need a circuit, and a movable conductor which can either complete the circuit, or not.





### contd...Usage of I/P, O/P and Other ports

#### **Digital Output:**

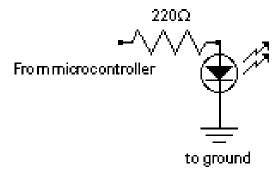
The simplest control you can use over an electrical device is digital output.

In this case, you would either turn something off, or on.

Digital outputs are often used to control other electrical devices, through transistors or relays.

The diagram below is a digital output controlling an LED.

### Digital Output





### Contd... Usage of I/P, O/P and Other ports

#### Analog I/P:

Digital input signals are used to represent items that only have two (2) states, such as... ON (binary 1) or OFF (binary 0) states.

Similarly, Digital output signals are used to control items that again only have two states, such as.. START or STOP a device.

So, a digital signal is something like telling if a door is open or not.

But, **Analog signals** are variable, they have multiple states. Analog input signals can represent such items as temperature or level or rate of flow.

Analog output signals are also variable and can be used for such things as opening a valve to a desired position.

Then, an analog signal is something like telling how much the door is open (or closed).



### contd...Usage of I/P, O/P and Other ports

Usage of different I/P and O/P in tracking genie devices:

#### **Digital Input** Usage:

To check ignition is ON/OFF.

A/C is ON/OFF.

Headlight is ON/OFF.

Wearing a seatbelt or not.

Window Open/Close

Dicky Open/Close.

SOS button pressed or not.

### **Digital Output** Usage:

To start/stop a vehicle

### **Analog Input** Usage:

Fuel level information (for older vehicle).

Analog Output is not used in Tracking Genie devices.





<u>http://crmtrackinggenie.com/index.php?main=index</u> is the site used to manage Customer relationship management ( CRM ).

Customer relationship management ( CRM ) is use for following:

#### **Enquiry entry:**

Mode of enquiry can be online, telephonic, through email, personal meeting, requirement of existing customers.

Only online enquiries can be added automatically, Otherwise salesperson needs to enter the details related to the enquiry.

Entry of follow ups for meeting with customers.

Comment / feedback of client.

Overdue enquiries list.

List of follow ups.

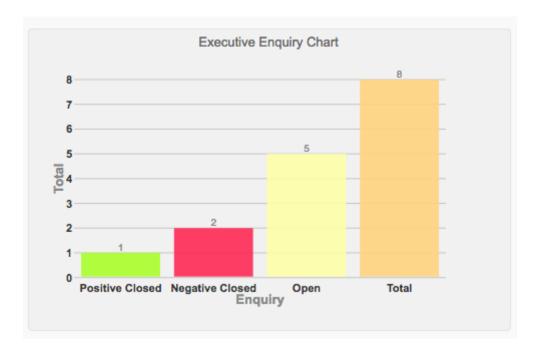
List of enquiries.

Entry of customer details related to an enquiry.



#### **Executives enquiry chart:**

In this details about the enquiry for a particular employees is shown on dashboard.





**List of Follow up on Dashboard:** You can see list of latest follow ups on dashboard by clicking on view more, you will see list of all follow ups:

Customer Name	Executive Name	Follow Up Date Time	Due On
Hymalaya Heavy Lifter pvt ltd	Yogesh	10/05/2017 03:22 PM	Today
MADAR KHAN	Yogesh	10/05/2017 04:14 PM	Today
Nilesh Patel	Ajeet	10/05/2017 11:10 AM	Today
Michael	Akshay	10/05/2017 12:42 PM	Today
MINERAL MINING AND INDUSTRIES	Narendra	10/05/2017 04:22 PM	Today
Aiju Thomas	Akshay	10/05/2017 04:43 PM	Today
Pawan Mansinghani	Akshay	10/05/2017 03:41 PM	Today
Subhendra kumar	Akshay	10/05/2017 11:21 PM	Today
MAhesh	Akshay	10/05/2017 11:48 PM	Today
Dhruv	Akshay	10/05/2017 11:48 PM	Today



**List of overdue Enquiries & Follow ups on Dashboard:** You can see list of overdue enquiries & follow ups on dashboard by clicking on view more, you will see full list:

Enquiry No.	Customer Name	Follow Up Date	Late
G/17/ENQ/12449	Jyotendra	13/02/2017	86 days
FG/17/ENQ/12503	SHASHIKANT ACHYUT JOSHI	14/02/2017	85 days
FG/17/ENQ/12507	anurag	14/02/2017	85 days
FG/17/ENQ/12530	mILIND	14/02/2017	85 days
FG/17/ENQ/12668	xavier	17/02/2017	82 days
'G/17/ENQ/12720	naves	18/02/2017	81 days
FG/17/ENQ/12665	Divya kumar Goyal	20/02/2017	79 days
FG/17/ENQ/12025	Ola cab	20/02/2017	79 days
FG/17/ENQ/12495	Antaryami Barik	21/02/2017	78 days
FG/17/ENQ/12714	vineet tandon	21/02/2017	78 days

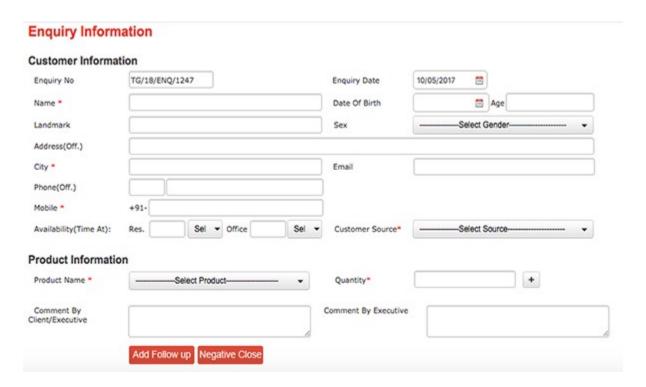


**Enquiry tab:** By clicking on enquiry tab you will see two links as shown in image:





**Enquiry tab:** When you click on add enquiry. The following page will open:





**Add Enquiry:** Fields marked with red star are mandatory fields. The form contains following fields:

**Enquiry No:** Auto Generated

**Enquiry Date:** By default today's date.

Name: Name of customer (Mandatory field).

Date of Birth: date of birth of customer.

Landmark:

**Sex:** Gender of customer( value given in the dropdown list ).

Address (Office ): address of customer's office.

City: City of customer (Mandatory field).

Email: Email Id of customer.

**Phone( Office ):** Phone of customer's office.

Mobile: Mobile number of customer.

**Availability Time:** Customer's availability time at office as well as at residence.



**Customersource:** Source of information for customer find the values in dropdown list. It's mandatory field.

**Product Name:** Enter the product from drop down list in which customer has shown interest. It's mandatory field.

Quantity: Enter the quantity required by the customer. It's mandatory field.

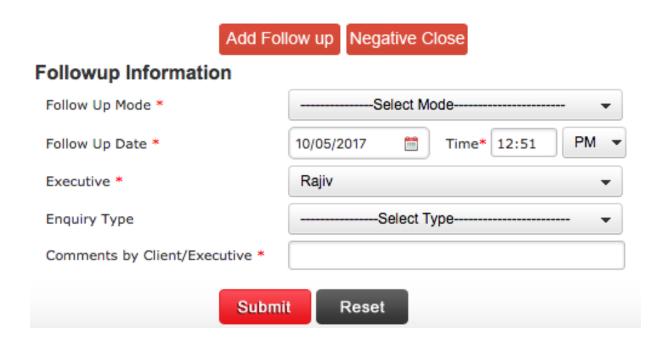
**Comment By Client/Executive:** This field contains the comment given by client.

**Comment By Executive:** This field contains the comment given by executive.

Buttons Add Follow Up & Negative Close: Explained in next slide.



**Add Follow Up button**: Follow up means what action a sales will take on the given enquiry. By clicking on Follow Up button a form will open as shown in image:





**Add Follow up fields:** Fields marked with red star are mandatory fields. The form contains following fields:

**Follow Up Mode:** This will show how sales person contact with the customer. Values are Telephone, Email and Personal Meet.

Follow Up Date: Mandatory field shows the date of follow up.

**Executive:** Select the executive from the list.

**Comments by Clients/Executives:** Comment about the follow up.

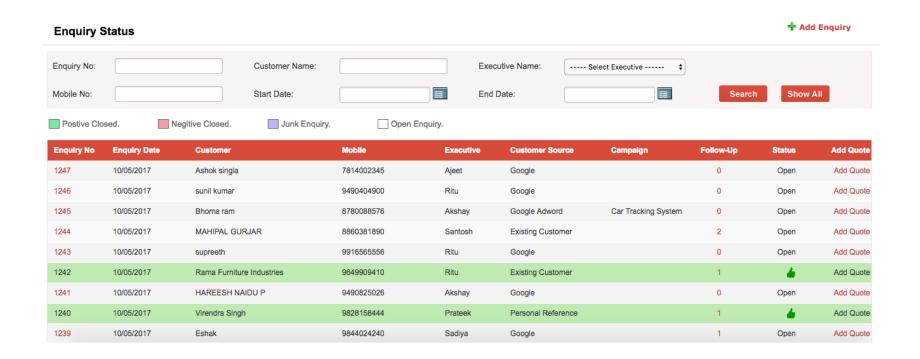


**Negative Close button**: Negative close means that customer will not purchase any product just fill the reason and submit the form.

	Add Follow up Negative Close	
Enter Reason*		
	4	
	Submit Reset	



When you click on view enquiry in enquiry tab as shown in slide 46 you will see the following page:





Eng	uiry	Stati	us:
-----	------	-------	-----

Positive closed means the enquiry is successful and order has been taken. Postive Closed.

Negative closed means the enquiry is not successful.

Negitive Closed.

**Junk Enquiry** means the information provided by the customer is not correct. May be the enquiry is just for fun.

Junk Enquiry.

Open Enquiry means the order neither finalized nor canceled.

### Fields in enquiry filtering:

Enquiry No

**Customer Name** 

**Executive Name** 

Mobile No

Start Date

End Date



Address(Off.):

When you click on follow up of the list shown in image on slide 53. You'll see the following page:

#### **Executive Follow Up Details**

Enquiry No.: TG/18/ENQ/1264 Enquiry Date: 2017-05-11

Customer Name : Deepak Singh

Phone(Off.): 8888484178 Mobile No: 8888484178

Availability(Time At): (Res.) Availability(Time At): (Off.)

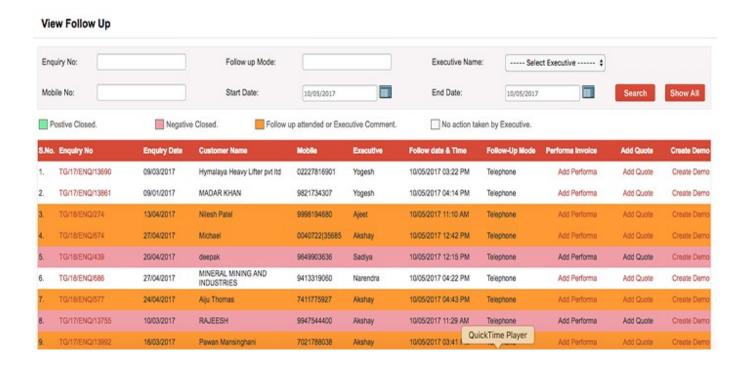
Email Address: deepak.singh@orcastudio.co Executive Name: Akshay Puraswani

Client Comment : provide demo





When you click on **follow up tab** as shown in slide 46 you will see the following page:





When you click on **Add Performa** of **Performa Invoice** from the given list shown on previous slide. You'll see following image:

#### **Add Performa Invoice** Performa Order Information TG/17-18/PINV/205 Performa order No Hymalaya Heavy Lifter pvt ltd Customer Name\* Date 10/05/2017 02227816901 Phone No Mobile No\* Address\* MASJID Software Price Hardware Price ---- Select Product -----Software Price + Product Detail \* Quantity Hardware Price Description:\* VAT/CST Service Tax Select \$ Select \$ Discount Amount Net Amount Submit Reset



Fields in **Performa Invoice**:

Performa Order No: AutoFill

Customer Name: Autofill with the name of customer.

**Date:** Autofill with today's date.

Phone No: Autofill Mobile No: Autofill

Address:

**Product Detail:** it has following sub-fields:

Select Product: Select the product required by customer from dropdown list.

**Quantity:** Quantity required by customer.

**Hardware Price:** Enter Hardware price associated with the selected device. **Software Price:** Enter Software price associated with the selected device.

Plus Sign: By clicking on plus sign you can add multiple Product Detail.

**VAT/CST:** Select VAT / CST from dropdown and enter the percentage of VAT/CST.

**Service TAX:** Enter the percentage of Service TAX.



#### You can check the previously created performa invoices:

11.	TG/17/ENQ/14278	26/03/2017	Subhendra kumar	9402173317	Akshay	10/05/2017 11:21 PM	Telephone	Add Performa	Add Quote	Create Demo
12.	TG/17/ENQ/14836	05/04/2017	DAYAL ROY	9932248644	Akshay	10/05/2017 11:40 PM	Telephone	Add Performa	Add Quote	Create Demo
13.	TG/17/ENQ/14502	30/03/2017	MAhesh	9702752189	Akshay	10/05/2017 11:48 PM	Telephone	Add Performa	Add Quote	Create Demo
14.	TG/17/ENQ/14153	22/03/2017	Dhruv	9699997100	Akshay	10/05/2017 11:48 PM	Telephone	Add Performa	Add Quote	Create Demo
15.	TG/17/ENQ/14162	23/03/2017	MD Shahid	7000874200	Akshay	10/05/2017 11:48 PM	Telephone	Add Performa	Add Quote	Create Demo
16.	TG/17/ENQ/13911	12/03/2017	vishal	7567980181	Akshay	10/05/2017 11:55 PM	Telephone	Add Performa	Add Quote	Create Demo
17.	TG/17/ENQ/14114	21/03/2017	prashant kumar dehury	8456814232	Akshay	10/05/2017 12:01 AM	Telephone	Add Performa	Add Quote	Create Demo
18.	TG/18/ENQ/447	20/04/2017	Dharamvir	7404385155	Akshay	10/05/2017 12:15 AM	Telephone	Add Performa	Add Quote	Create Demo
19.	TG/18/ENQ/221	12/04/2017	VIPUL JAISWAL	9893565655	Akshay	10/05/2017 12:23 AM	Telephone	Add Performa	Add Quote	Create Demo
20.	TG/17/ENQ/14752	03/04/2017	PRAHALLAD TRIPATHY	9938680356	Akshay	10/05/2017 12:24 AM	Telephone	Add Performa	Add Quote	Create Demo
21.	TG/17/ENQ/14581	31/03/2017	nilesh	8850495752	Akshay	10/05/2017 12:33 AM	Telephone	Add Performa	Add Quote	Create Demo
22.	TG/17/ENQ/14741	02/04/2017	MURULI GOGOI	8752831946	Akshay	10/05/2017 12:33 AM	Telephone	Add Performa	Add Quote	Create Demo
23.	TG/18/ENQ/617	25/04/2017	Dhanraj Nanesha	9363057566	Akshay	10/05/2017 12:33 AM	Telephone	Add Performa	Add Quote	Create Demo
24.	TG/18/ENQ/309	14/04/2017	Harish khan	9617225588	Akshay	10/05/2017 12:33 AM	Telephone	Add Performa	Add Quote	Create Demo
25.	TG/17/ENQ/13189	25/02/2017	Bablu	9541301444	Akshay	10/05/2017 12:33 AM	Telephone	2 & New	Add Quote	Create Demo
26.	TG/18/ENQ/296	14/04/2017	navendu kumar	9334685212	Akshay	10/05/2017 12:33 AM	Telephone	Add Performa	Add Quote	Create Demo
27.	TG/18/ENQ/680	27/04/2017	Souvik Bhattacharjee	8420376603	Akshay	10/05/2017 12:41 AM	Telephone	Add Performa	Add Quote	Create Demo
28.	TG/18/ENQ/459	21/04/2017	Sunil kumar	7023084684	Akshay	10/05/2017 12:41 AM	Telephone	Add Performa	Add Quote	Create Demo



By clicking on **2 & new** from the list you'll see the following image:

#### Performa Invoice Status

S.No	Performa No	Enquiry No	Performa Date	Customer	Executive	Total Amount	H/w Tax Amt	S/w Tax Amt	Discount (Rs.)	Net Amount	Cancel Performa	Print PDF
1	TG/16-17/PINV/2076	TG/17/ENQ/13189	25/02/2017	Bablu	Akshay	6546	804.17	150	0	7500	Cancel	
2	TG/16-17/PINV/2075	TG/17/ENQ/13189	25/02/2017	Bablu	Akshay	6502	797.79	150	0	7450	Canceled	



If a customer demands for a demo of any device. You can allow him to see the demo for given time period:

24 Hours

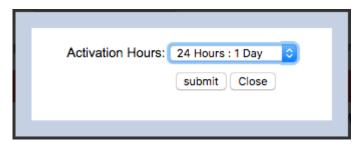
48 Hours

72 Hours

96 Hours

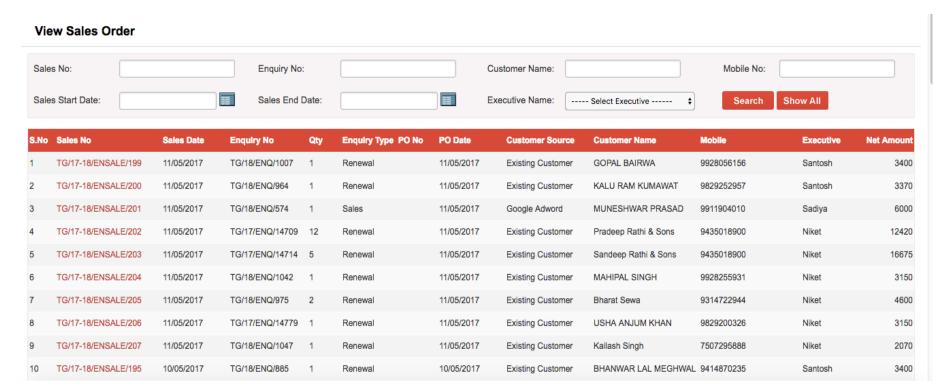
120 Hours

When you click on create demo link of list shown in slide 51. Select the time period from the dropdown list and submit. A Demo link for specified time will be Emailed to customer.





**Sales Tab:** When you click on sales tab. Following page will open:





You can search a sales by entering different details as you done for follow up and enquiry. You can open full detail of a sale by clicking on **Sales No** of any sales. When you click on **sales no** you'll see the detailed page as shown in next slide.



Specific Requirements:

### **Customer Relationship Management**

Enquiry No.: TG/18/ENQ/1007 Enquiry Date: 04/05/2017 Status: Positive Closed

Customer Name: GOPAL BAIRWA GOPAL BAIRWA KESHAVPURA TEH- BASSI JAIPUR.

Phone(Off.):

Availability(Time At): (Res.) Availability(Time At): (Off.)

Email Address : Executive Name :
Client Comment :

Product Info: Product Name Quantity

TG-Lite Plus 1

#### Quote Information Not Found

Mobile No:

Sales Order No.: TG/17-18/ENSALE/199 Sales Order Date: 11/05/2017

Enquiry No.: TG/18/ENQ/1007 Enquiry Date: 04/05/2017

Purchase Order No.: Purchase Order Date: 11/05/2017

 Customer Name :
 GOPAL BAIRWA
 Promise Delivery Date :
 11/05/2017

 Phone No. :
 Mobile No. :
 +91-9928056156

Performa Invoice No.: TG/17-18/PINV/207

Address: S/O RAM JI BAIRWA KESHAVPURA TEH- BASSI JAIPUR. Billing Address:

Shipping Address:

 Product Info :
 Product Name
 Quantity
 Hardware Rate
 Software Rate
 Hardware Amount
 Software Amount

 TG-Lite Plus
 1
 0
 2956.5
 0
 2956.5

 Total Amount:
 0.00
 2956.50

 Service Tax @14%:
 XXXX
 413.91

 SB CESS Tax @0.5%:
 XXXX
 14.78

 KK CESS Tax @0.5%:
 XXXX
 14.78

Discount : 0.00

Net Amount : 3400.00

+91-9928056156 I

Santosh Negi



**Renewal Tab:** when you click renewable tab. You'll see two links, as shown below:

Expired Devices.

Due Renewal.

When you click on **Expired Devices** link. You'll see the page shown in next slide.

You can search a expired devices by entering different details as you done previously.



Jabalpur City Transport Services

Mission Director - National Health

Jabalpur City Transport Services

TATA Communication

Limited

Mission

Limited

MP20PA0668 SDT R

RJ14PB2046

LOCATION

MP20PA0741 MNT

DL9CQS4371 DELHI

004021924300

041028753948

869103028001974

12032661

10-08-2016

18-06-2016

13-06-2016

10-06-2016

### Customer Relationship Management

#### **Expired Devices Report** Vehicle No: IMELNo: Customer Name: To Date: Search Show All From Date: Add To **Customer Name** Vehicle No. IMEI No. Installation Date **Subscription Type** Address **Expired Date** Mobile No. Enquiry "The Tata Power Company Limited, Dharavi Receiving Station, Near Shalimar TATA POWER ULTRA LITE MH01CG9315 358899052715029 02-02-2017 1 month 02-03-2017 1234567891 Industrial Estate, Matunga, Mumbai 400 Add 019. Maharashtra, India extn 2305 Mobile: 8097008146" "The Tata Power Company Limited. Dharavi Receiving Station, Near Shalimar TATA POWER ULTRA LITE MH47J3224 358899052707299 03-12-2016 03-01-2017 1234567891 Industrial Estate, Matunga, Mumbai 400 Add 1 month 019. Maharashtra, India extn 2305 Mobile: 8097008146" Chief Executive Officer Jabalour City Jabalpur City Transport Services Transport Services Limited, Jabalpur MP20PA0449 SDT 355488020515594 10-08-2016 3 month 10-11-2016 9109919790 Add Phone No.:- 0761-4014501 Fax :- 0761-Limited 2624200 E-mail-jctsl 2006@yahoo.co.in

3 month

1 month

3 month

1 month

10-11-2016

18-07-2016

13-09-2016

10-07-2016

9109919790

9887283641

9109919790

8080978446

Chief Executive Officer Jabalpur City

Transport Services Limited, Jabalpur

NHM Swasthya Bhawan ,Tilak Marg

Chief Executive Officer Jabalpur City

Transport Services Limited, Jabalpur

Phone No.:- 0761-4014501 Fax :- 0761-2624200 E-mail-jctsl\_2006@yahoo.co.in VSB.Banola Sahib Road.New Delhi-

brijesh.Pandey@tatacommunications.com 84B AMBA BHAVAN 5TH FLOOR

Jaipur 302005

110001 INDIA

Phone No.:- 0761-4014501 Fax :- 0761-2624200 E-mail-ictsl 2006@yahoo.co.in Add

Add

Add

Add



When you click on **Add** link of **Add To Enquiry** column in the list given on previous slide. You'll see all the details. If a new enquiry has been arrived then you click on Add Enquiry to add this new enquiry. You can see the detailed page on next slide.



Executive Name:

Raiiv Sharma

# Customer Relationship Management

Customer Name :	TATA POWER ULTRA LITE	Company Name :	K.S TECHNOSOFT
Email:		Username.:	TATAPOWERULTRA
Address:	* The Tata Power Company Limited, Dharavi Receiving Station, Near Shalimar Industrial Estate, Matunga, Mumbai 400 019, Maharashtra, India extn 2305 Mobile: 8097008146*	Mobile No. :	1234567891
City:	713	State :	21
Expiry Date :	02-03-2017	subscription type :	Monthly
Vehicle No. :	MH01CG9315	Engine No. :	MH01CG9315
Chasis No.:	MH01CG9315	Vehicle Make :	MH01CG9315
IMEI No.:	358899052715029	Installation Date :	02-02-2017
Last Data :	No Data	Followup Date :	11-05-2017

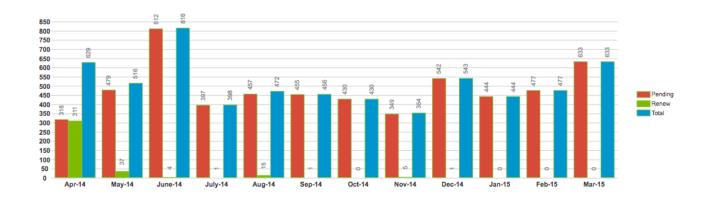
Add to Enquiry



**Due Renewal:** When you click on **due renewal** link of **renewal tab.** You will see the month wise report as shown in following two images:

Financial Year: 2017-2018







In the table column 1st indicates first week and so on.

Month	Total	1st Renew	Pending	Total	2nd Renew	Pending	Total	3rd Renew	Pending	Total	3+ Renew	Pending	Tota	Total I Renew	Pending
APR-17	335	101	234	205	157	48	48	29	19	41	24	17	629	311	318
MAY-17	367	18	349	72	10	62	53	5	48	24	4	20	516	37	479
Total	702	119	583	277	167	110	101	34	67	65	28	37	1145	348	797
JUNE-17	623	2	621	122	2	120	35	0	35	36	0	36	816	4	812
JULY-17	285	0	285	55	0	55	29	0	29	29	1	28	398	1	397
AUG-17	293	0	293	85	2	83	46	10	36	48	3	45	472	15	457
SEP-17	322	0	322	53	0	53	43	0	43	38	1	37	456	1	455
OCT-17	279	0	279	66	0	66	66	0	66	19	0	19	430	0	430
NOV-17	240	5	235	50	0	50	27	0	27	37	0	37	354	5	349
DEC-17	283	1	282	139	0	139	96	0	96	25	0	25	543	1	542
JAN-18	235	0	235	116	0	116	62	0	62	31	0	31	444	0	444
FEB-18	264	0	264	101	0	101	63	0	63	49	0	49	477	0	477
MAR-18	390	0	390	127	0	127	93	0	93	23	0	23	633	0	633
Total	3916	127	3789	1191	171	1020	661	44	617	400	33	367	6168	375	5793



**Reports Tab:** Following are the parts of reports tab:

Junk Enquiries

Enquiry without sales

Non reply: Demo Request Periodic Performance Chart

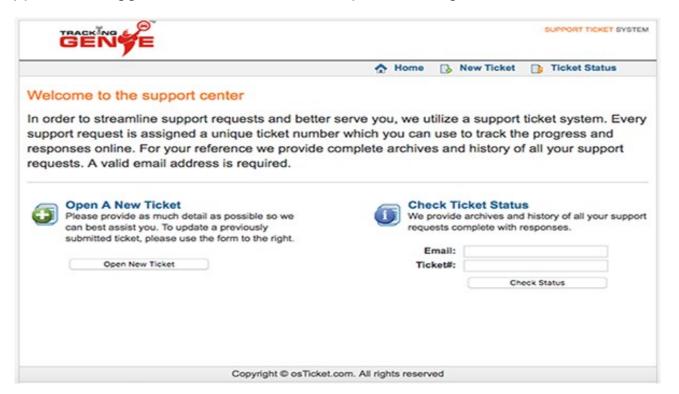
Pending Renewal



### Complaint Management System



<u>http://support.trackinggenie.com/</u> is used for complaint management.





**Open new ticket:** Whenever a client have any problem he can generate a token for the complaint. By clicking on **Open new ticket** button given on home page:

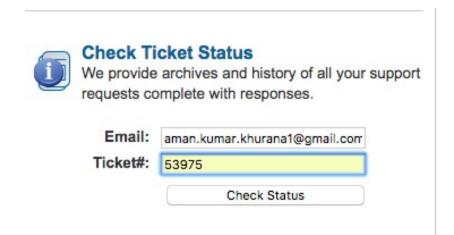
When a client clicks on Open new ticket button a page shown on next slide will be opened:



Please fill in the form below to o	pen a new ticket.		
Full Name:			
Email Address:			
Attach File	Choose file   No file chosen		
Telephone:		Ext	
Help Topic:	Select One \$ •		
Subject:		•	
Tracking Genie User Name:			
Vehicle No:			
Message:			
	Please specify your User Id or issue. question to help us to resolve		No to help our support executives resolve
Vehicle Make :			
Is vehicle regularly moving, if no since when vehicle has	not moved?		•
Did the vehicle went through	any repair in recent past?	Select	•) •
Did the vehicle went for regul	ar servicing in last few days?	Select	• •
Did vehicle met any accident	in recent past?	Select	• •
Are the GSM and GPS socket	property tightened?	Select	•) •
Have you sent restart comma	nd?	Select	• •
Captcha Text:	Enter Enter	er the text shown on	the image.

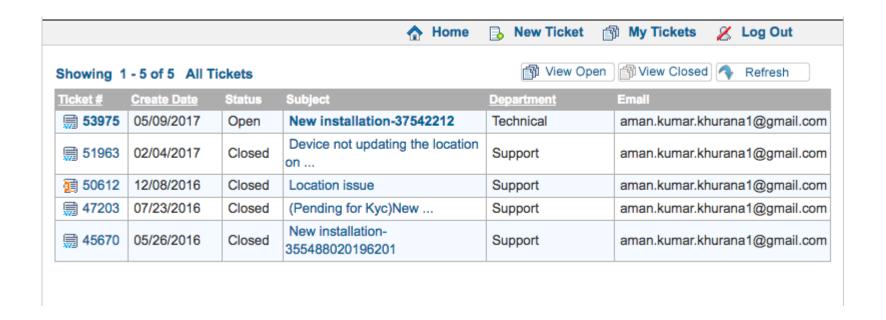


A client can check status of ticket by filling the information in **Check Ticket Status**: FIII the information related to ticket as shown in image:



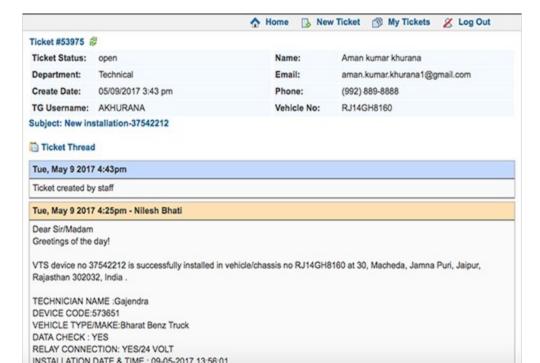


When you click on check status after filling the information. Following window will open:





When you click on a particular ticket number you will see details related to the that ticket as shown below:





# Mobile Apps



# Mobile Apps

You can download the mobile app for android phones from playstore.

You can search the play store by writing

TGenie or TrackingGenie.

When you download and install **TGenie** app.

You'll see first page as shown in image.

You can sign in with:

Traking Genie ID

Facebook

Google

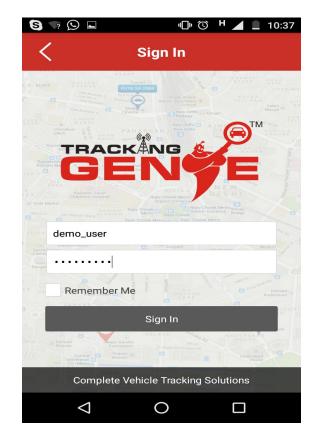




When you click on **Sign IN with Tracking Genie ID** button.

Screen as shown in image will open.

Enter your username and password to login.





When you login screen as shown in image will be open.

This page contains list of devices installed for this client.

Different color in the list shows the status of the vehicle:

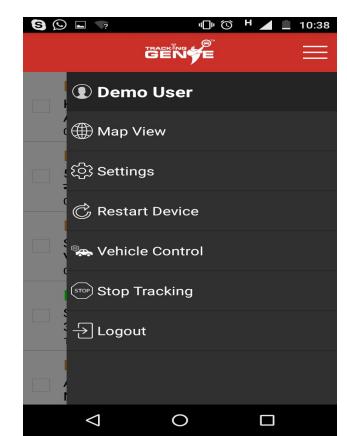
**Red Color** shows that vehicle is not running.

**Green color** means vehicle is running. **Gray color** shows that the device is expired.





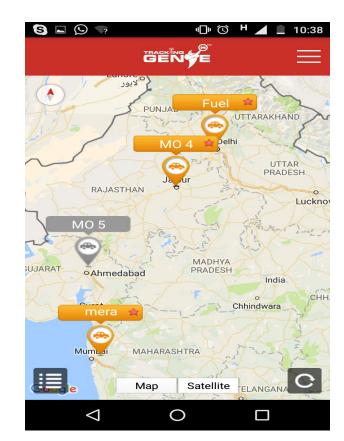
When you click on menu icon present in TOP right corner of previous image. You'll see screen as shown in image. There are different menu Items which we'll understand in next slides.





When you click on **map view** from the menu list.

You'll map view with annotation of different devices with their location on the MAP. The screen will look like the one shown in the image.

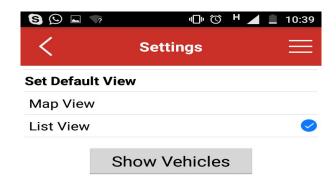




When you click on **settings** from the menu list.

A screen similar to the image will be open. There are two views in which you can see your devices.

Map View List View





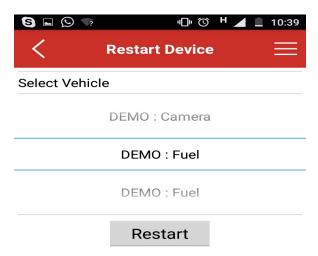


When you click on **Restart Devices** from the menu list.

Select the device which you want to restart. You can see list of devices as shown in the image.

Affter selecting the device. Press the restart button.

The device will be restarted.



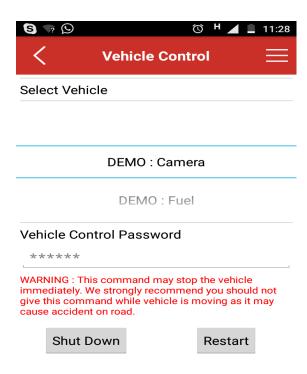




When you click on **Vehicle Control** from the menu list.

Screen will open as shown in following image.

You can **Shutdown** or **restart** a device, By entering the **Vehicle Control Password**.





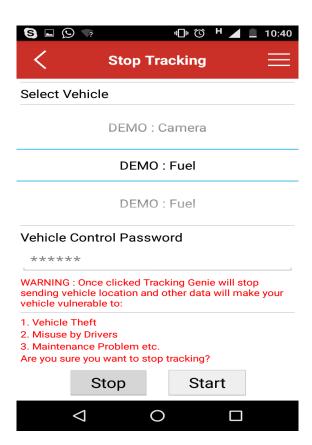


When you click on **Stop Tracking** from the menu list.

Screen will open as shown in following image.

You can stop tracking your vehicle by entering the vehicle control password.

And click on Either Stop or Start button.





When you close the menu. You'll see the list as shown in slide 82.

You can see detail related to a particular device.

By clicking on the checkbox, The **menu icon** on top right corner will be changed with **Show** link.

Please refer the image.





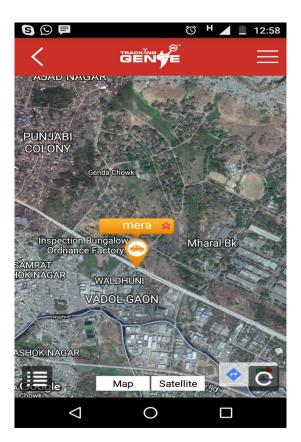
When you click on the **Show** button. A icon is placed on the MAP with the location of the device.

You can change the view of the there are two options:

Map

Satellite

When you click on satellite view the map will change as shown in image.



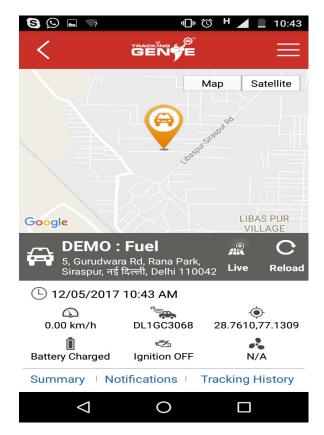


When you click on MAP annotation.

A detailed page related to that device with map View and other details will get opened.

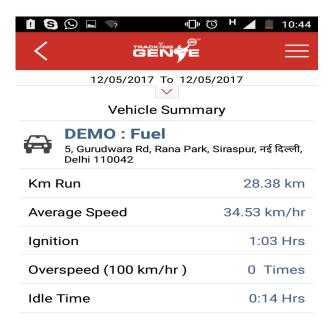
Other details are as follow:

Summary Notifications Tracking History





When you click on **Summary** link at bottom of the screen shown in previous slide. Following screen will get opened.







When you click on **Notifications** link. There can be two situations as follow:

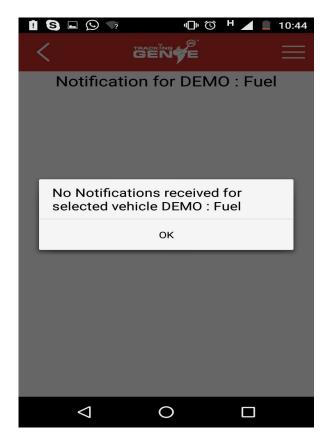
There will be no notification

There will be list of notifications

Screen with no notification for that particular device is shown on this slide.

Screen with notifications for that particular

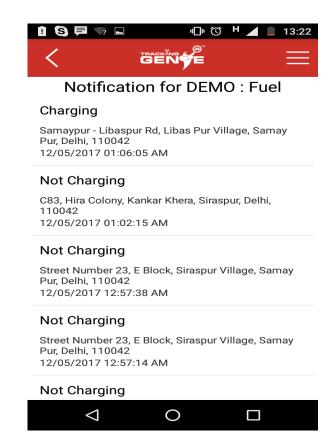
device is shown on next slide.





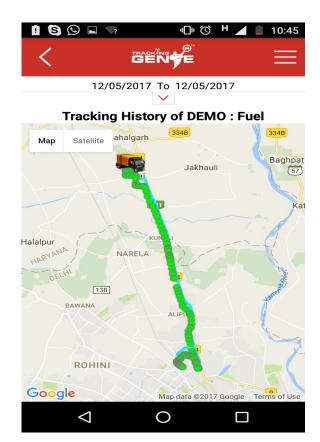
A history of notifications can be kept in a listview.

All the details related to that device notifications are shown as you can see in the screen.





- When you click on **Tracking History** link at bottom of the screen.
- A Map with path is opened as shown in image.
- You can select start date and end date in which you wants to show the path travelled by that particular vehicle.





# Sales Pitch



#### Sales Pitch

Take the details of client like name, location, contact no. and mail ld. Introduce them about our company & USP's.

Ask in which vehicle he/she wants to install the device? Is it personal or commercial one? Ask about his requirements what solution client is looking for?

As per his requirements suggest him the best suited device brief him about the features and reports. If the client asks us about the functionality of our GPS device then we explain it's working. If the client is corporate give example of our big clients whom we are serving from long.



#### Contd... Sales Pitch

If the client is individual, ask about the specification of his/her vehicle it helps to suggest him the best device.

If the client is asking for the dealership then ask him to share his company profile, if any, with us and brief him about all the devices as well as our company profile tell him the terms & conditions of becoming a dealer.

If the client asks about fuel device then suggest him TG Super with fuel sensor how the device work what accuracy it gives.

At last we mail the demo credential, our official brochure which has the details of our products, companies and clienteles with the best rates.



# **Top 20 Complaints**



# **Top 20 Complaints**

Unable to login in android app.

Login details request.

Not receiving overspeed alerts.

Not receiving daily emails.

Received no data sms.

No current location.

Incorrect location.

Difference in KM run.

Not receiving images from camera.

Incorrect fuel consumption report.

Required VC password /SMS formats.



#### Contd... Top 20 Complaints

VTS reflecting future data on map.

Client visited for VTS physical inspection/ renewal.

Receiving battery disconnection alerts.

Geofence and route deviation.

Notification and alert settings.

Data skipping in replay and tracking History.

How to do SMS recharge.

VTS reflecting old location which is slowly updating on map.(old data or past data issue)

Warranty inquiries, Renewal inquiries.

