iTriangle
Infotech Pvt Ltd
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GPS-GSM-Android Based
Taxi Dispatch System

Model U101 V1

Executive Summary

- **A Bangalore, India**, based Company.
- Commenced operations in February 2009.
- Engaged in Design and Development in the domains of GPS,GIS, Mobile Applications, RFID, Web Based Enterprise Applications.
- Manufacturing and Quality Assurance.
- A Full Fledged R & D wing with a dedicated team of qualified professionals.

OUR VISION

To be a vibrant company, providing quality and efficient service to customers and a rewarding experience to its employees.

OUR MISSION

We will develop products and provide services that will have a Strong Social Impact and would improve the quality of Human Life. From a business perspective, our products/services will help our clients get a better control over their business and make a positive impact to their bottom-line. .

INNOVATION

Through our innovative ideas, we always thrive to develop our next revolutionary product. We believe, nothing can inspire us like innovation. "Just as energy is the basis of life and ideas the source of innovation, so is innovation the vital spark of all human change, improvement and progress".

Our innovative products and solutions have always played a major role in solving our clients' specific problems. Our solutions are simple, cost effective, and developed by observing the end user needs. Our knowledge of multiplatform technologies, simple and proved methods and eagerness to develop the next big thing, has made us one of the competent companies capable of delivering state of the art cutting edge technology products.

"We are inspired to innovate"

Market Information

- ❖ The Transportation and the Logistics industry play a critical role in shaping and improving a Country's economy. Efficient Operations will lead to higher productivity and higher revenues.
- ❖ GPS-GSM-RFID based solutions will help Companies to effectively track and monitor the movement and the status of their fleet on a real time basis and there by reduce mal practices, wastage, and thus improve productivity and security.
- ❖ The ability to provide Safety, Security and Productivity has made the GPS-GSM-RFID based products and services an integral part of the managing process of the Fleet in any organisation which intends to derive maximum benefit from their assets.
- ❖ We are moving to a situation where it is going to be mandatory for all the Vehicles that are being used for a commercial purpose should have a GPS based tracking device fitted into them.

Features

- ❖ Live/History Tracking,
- ❖ Speed notification,
- ❖ Distance travelled,
- ❖ Fuel Monitoring(Optional with extra cost),
- ❖ Real Time Location of the vehicle,
- ❖ Geo fencing,
- ❖ External RFID Support(optional with extra cost)
- ❖ Vehicle location, status and minute wise speed display on state of the art GIS maps in real time,
- ❖ Over speed report. Identification, record and display available at Back end,
- ❖ SMS based event notifications, alert in case of speed violation and geo fence violation (Optional & Extra Recurring costs will apply),
- ❖ Location and Fuel Level Query through SMS.
- ❖ Dynamic over speed limit setting from web interface,
- ❖ All parameter configurations from web interface,
- ❖ Vehicle Immobilization(Optional with extra cost)
- ❖ Listen In Facility (Optional with extra cost)
- ❖ Secondary Battery Backup up to 8 hours,
- ❖ **Domain Specific MIS Reports**: Journey report, Daily report, Monthly report, Halt/Stop Report, Indicative fuel report & pilferage controller (optional) , Ignition On/Off report , Daily Route Replay, RFID Based Login, Logout Reports (optional) and more…..

Company / Product Certification

ISO 9001:2008
Certified Company

ARAI®
Progress through Research
As per AIS004, Part 3:2009

CE

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Tech Specs

Particular	U101 V1
Processor	ARM7, 60 MHz, 30 MIPS 32 bit Controller
On chip memory	40K RAM 512K code Flash
Data Storage	4MB SPI Flash, 100K Erase and Program Cycle
Parameter Storage	128K
GPS	20 Channel, L1 Frequency (1575.42MHz) ,5 Mtr Accuracy, internal antenna
GSM	Dual Band, GSM/GPRS Class 10
Analog Channel	2
DAC	NA
GPIO	4
Sensors	Ignition Status, Fuel Level sensor.
Internal Battery	Yes, 1500mah, 5 to 8 Hr backup
Interface	USB RS232

Taxi Management Scope

❖ Scheduling- Identifying right taxi at right time based on location and availability. Scheduling the taxi to reach the pickup point at the right time.

❖ Tracking- Making sure that the job is done by the Driver as per the schedule.

❖ Billing- Making sure that proper billing is done for each job based on defined rules.

❖ Reports - To give a visibility of the business operation for managing the business effectively.

GPS Based Taxi management System

Our GPS based Aquila track Taxi Management System provides a very cost effective Solutions to the taxi dispatch business by integrating technologies like Google map GIS, GSP, GSM and Web/Mobile applications

There are basically two components in the system

Hardware consisting of

1.   GPS/GSM based Tracker
2.   Taxi Meter (Standards Calibrated)
3.   Thermal Printer
4.   Optional Credit/Debit Card Reader

Web based application that consists of

1.   Real Time Tracking module
2.   Track Database
3.   GIS engine with Google map
4.   Dispatch Module
5.   SMS gateway
6.   Email Gateway
7.   MIS Module

Application Software

- ❖ Completely Web based
- ❖ Hosted on a Linux server
- ❖ Integrated with all the latest Web Technologies like SMS gateway, Mobile Apps, Data mining tools etc.
- ❖ Consist of below modules
    - ❖ Real Time Tracking module
    - ❖ Track Database
    - ❖ GIS engine with Google map
    - ❖ Dispatch Module
    - ❖ SMS gateway
    - ❖ Email Gateway
    - ❖ MIS Module

General Information & Product Description

Features may vary depending on the model and the variant

System Architecture

GPS SATELLITE CLUSTER

DATA CENTER

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INTERNET

VEHICLE WITH aQuila TRACK VTS

GLOBAL ACCESS
PC/Laptop/Smartphone

CELLULAR NETWORK

GPS : Global Positioning System
VTS : Vehicle Tracking system

PRODUCT BRIEFING

- ❖ GPS tracking solutions for various market segments like Generator Monitoring, goods distribution, asset tracking , ATM Securitizing etc.
- ❖ GPS tracking products are ranging from passive offline trackers to active trackers with GSM/GPRS or satellite communication under the range of products called **AQUILA TRACK .**
- ❖ The technology enables accurate location (5 to 10 mtrs accuracy).

Specifications

❖ Vehicle Location Status And Speed Display On State Of The Art GIS Maps In Real Time.

❖ Over Speed Identification, Recording And Display.

❖ Fuel- Tracking , Fuel Filling And Fuel Theft Recording (Optional).

❖ Dynamic Over Speed Limit Setting From Web Interface.

❖ Domain Specific Mis Reports Like : Journey Report, Daily Report, Monthly Report, Halt/Stop Report, Indicative Fuel Report & Pilferage Report (Optional) , Ignition On/Off Report , Daily Route Replay , Rfid Based Log In Log Out Report (Optional)and More…..

Enquiries

Add JobDetail

Add Inforamtion about customer and Job detail

Customer Name Add customer name	Kareem	**Mobile No.:** Contact Person Mob.	8105704344
Job Date: Required Date	2012-11-24	**Job Time:** Required Time	18:51:00
Person Name: Contact Person name	Anaraj	**From Area** From Area	J.P Nagar, Bangalore
To Area To Area	Majestic	**From City** Select From Dropdown	Bangalore
To City Select From Dropdown	Bangalore	**Address** Add a valid address	j.p nagar Bangalore

Submit Job details

List of Current Jobs

All Jobs	Awarded Jobs	Contacts		Log Out

All Awarded Jobs

All Columns ▾ [   ]

Records 1-3 of 3   reset

| ID	▲ Customer	⬍ Address	⬍ Mobile	⬍ From address	⬍ To address	⬍ Job Date	⬍ Job Time	⬍ Assigned to	⬍ Driver Contact
1	Anaraj	Bnagalore	8105704344	j.p nagar,bangalore,Bangalore	vijaynagar,Bangalore	2012-11-13	10:22:00	KA02F2343 Shankar	8105704344
2	Kareem	Banaglore	8105704344	malleshwaram,Bangalore	vijaynagar,Bangalore	2012-11-20	13:09:00	KA 06 J 2343 Jagadish	2147483647
3	Kareem	j.p nagar Bangalore	8105704344	J.P Nagar, Bangalore,Bangalore	Rajajinagar,Bangalore	2012-11-24	18:51:00	KA 06 J 2343 Jagadish	2147483647

10 ▾ Entries Per Page   Page 1 of 1

Finding Nearest Free Cab

Job Details

Patient Name:	Kareem
Coantact Person Name:	Anaraj
Contact No:	8105704344
From :	J.P Nagar, Bangalore,Bangalore
To :	Rajajinagar,Bangalore
Address:	J P Nagar, Bangalore, Karnataka, India

Available Taxis.

Taxi VLPN.	Taxi Contact No	Driver Name	Location	Distance From Customer Place(in KM)	Select to BID
KA 05 G 7344	2147483647	Suresh	Saptagiri Layout, Hosakerehalli Bengaluru, Karnataka	5.5	☐
KA 06 J 2343	2147483647	Jagadish	Vijaynagar Market, Service Rd, Vijaynagar, Bengaluru, Karnataka, India	8.6	☐
KA02F2343	8105704344	Shankar	Magadi Rd, Bengaluru, Karnataka, India	14.5	☐

Add To Bid
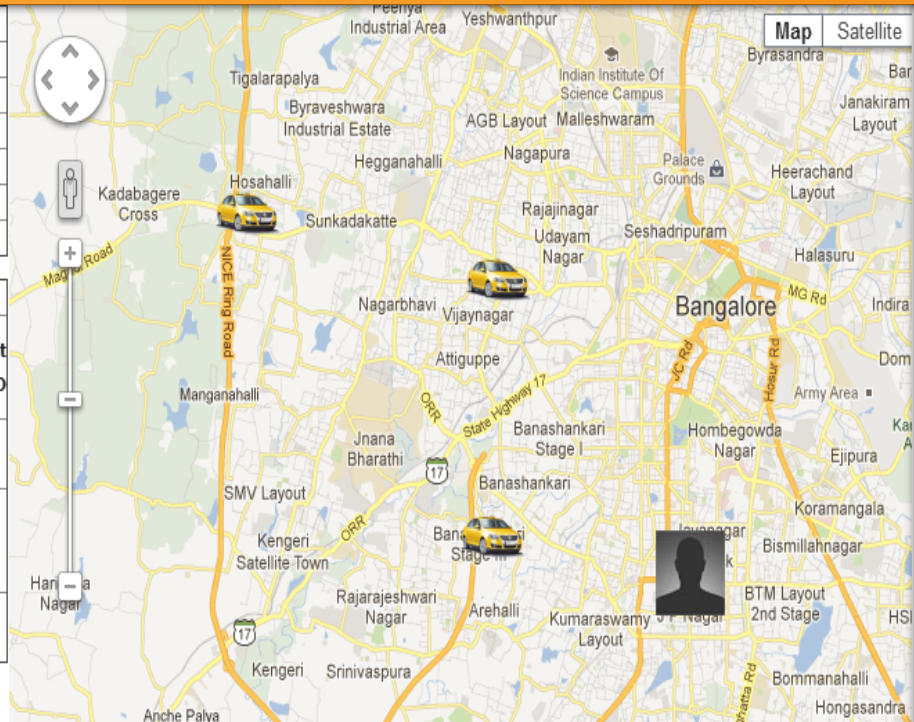
Job Bidding

❖ An SMS is sent to shortlisted Cabs on drivers' mobile number, with pick up details and customer information.
❖ Interested drivers need to call back the customer care for Accepting the Job.
❖ If multiple driver accepts the call, the job shall be awarded to one single driver based on some parameters which needs to be decided.
❖ An SMS is triggered to both Driver and the client on their mobile numbers as a note of confirmation with timing and location details.

After Bidding

Job Details

Patient Name:	Kareem
Coantact Person Name:	Anaraj
Contact No:	8105704344
From :	J.P Nagar, Bangalore,Bangalore
To :	Rajajinagar,Bangalore
Address:	J P Nagar, Bangalore, Karnataka, India

Available Taxis.

| Taxi VLPN.	Taxi Contact No	Driver Name	Location	Distance From Customer Place(in KM)	Select to BID
KA 05 G 7344	2147483647	Suresh	Saptagiri Layout, Hosakerehalli Bengaluru, Karnataka	5.5	☑
KA 06 J 2343	2147483647	Jagadish	Vijaynagar Market, Service Rd, Vijaynagar, Bengaluru, Karnataka, India	8.6	☑
KA02F2343	8105704344	Shankar	Magadi Rd, Bengaluru, Karnataka, India	14.5	☑

**Vehicles
KA 05 G 7344
KA 06 J 2343
KA02F2343
added to Bid Successfully**

Add To Bid
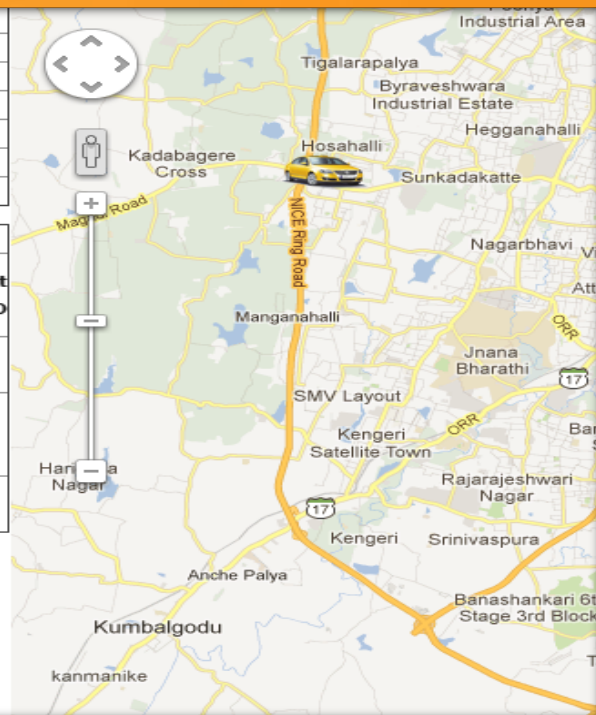
All Bids With Driver Response

ID	Customer	Address	Mobile	From address	To address	Job Date	Job Time	Assigned to	Driver Contact	Award Job
Job 1										
1	Kiran	Bangalore	9023654123	R T Nagar,Bangalopre,Bangalore	majestick,Bangalore	2012-11-12	20:54:00	KA 06 J 2343 Jagadish	2147483647	Award
2	Kiran	Bangalore	9023654123	R T Nagar,Bangalopre,Bangalore	majestick,Bangalore	2012-11-12	20:54:00	KA 05 G 7344 Suresh	2147483647	Award
3	Kiran	Bangalore	9023654123	R T Nagar,Bangalopre,Bangalore	majestick,Bangalore	2012-11-12	20:54:00	KA02F2343 Shankar	8105704344	No Response
Job 2										
1	Kareem	Banaglore	8105704344	malleshwaram,Bangalore	vijaynagar,Bangalore	2012-11-20	13:09:00	KA 06 J 2343 Jagadish	2147483647	Award
2	Kareem	Banaglore	8105704344	malleshwaram,Bangalore	vijaynagar,Bangalore	2012-11-20	13:09:00	KA 05 G 7344 Suresh	2147483647	Award
Job 3										
1	Kareem	j.p nagar Bangalore	8105704344	J.P Nagar, Bangalore,Bangalore	Rajajinagar,Bangalore	2012-11-24	18:51:00	KA 05 G 7344 Suresh	2147483647	No Response
2	Kareem	j.p nagar Bangalore	8105704344	J.P Nagar, Bangalore,Bangalore	Rajajinagar,Bangalore	2012-11-24	18:51:00	KA 06 J 2343 Jagadish	2147483647	Award
3	Kareem	j.p nagar Bangalore	8105704344	J.P Nagar, Bangalore,Bangalore	Rajajinagar,Bangalore	2012-11-24	18:51:00	KA02F2343 Shankar	8105704344	No Response

Bids Acceptance for Trip Registration

Bid Acceptance

Please confirm your booking

From: 125 The Strand, Parnell
To: Auckland Airport
Fare: $20
ETA: 12.44am

Cancel Confirm

Show Map

Trip Registration

Pickup Point : Kranthi Street

Pickup Time : 12:35:00

Drop Point : Rasoria garden

Drop Time : 16:45:00

No of Occupants : 4

Female Occupants : 2

Accept Deny

Vehicle Wise Trip List

Trip List

Trip List for : 12-09-2014   [View]

Trip No	Action	Status
TP12433	Assigned	Pending
TP12438	Closed	NA
TP125345	Rejected	NA

Individual Trip Management Form

Trip Management

Trip No : TP12445

Name : Sushanth

Email Id : sushanth@gmail.com

Contact No : 9856471230

Company Name : Techtrons.in

Pickup Point : Kranthi Street

Pickup Time : 12:35:00

Drop Point : Rasoria garden

Drop Time : 16:45:00

Odo Start Value : 1245778

Odo End Value : 1245978

Start Trip

End Trip

Passenger Billing Information

Billing Information

Trip No : `TP12445`

Name : `Sushanth`   Email Id : `sushanth@gmail.com`

Contact No : `9856471230`   Company Name : `Techtrons.in`

Pickup Point : `Kranthi Street`   Pickup Time : `12:35:00`

Drop Point : `Rasoria garden`   Drop Time : `16:45:00`

Distance Travelled : `200Kms`   Time Taken : `4:10hrs`

Billing Amount : `1500Rs`

☑ Email   ☑ SMS   Send

Job Execution

❖ Once the Cab Reaches and picks the customer, he shall start the meter and the status of the meter is reported to the server automatically

❖ Once the cab reaches the destination, Driver shall stop the meter and issues a print receipt on the device by just pressing a button. The status and billing details are updated to server automatically.

❖ Once the billing is done the status of the cab automatically becomes free in the application

Safety and Security Feature for Passenger

❖iTriangle provides a customized feature with a combination of Panic Button and Voice Communication Kit.

❖In case of an incident the commuter can press the panic button installed in the vehicle which shall initiate an automated call from the Call Center to the vehicle.

❖This feature enables the passenger to speak to Help Desk executive and report events occurred.

The above mentioned solution is accepted and approved by RTO department in few States of India.
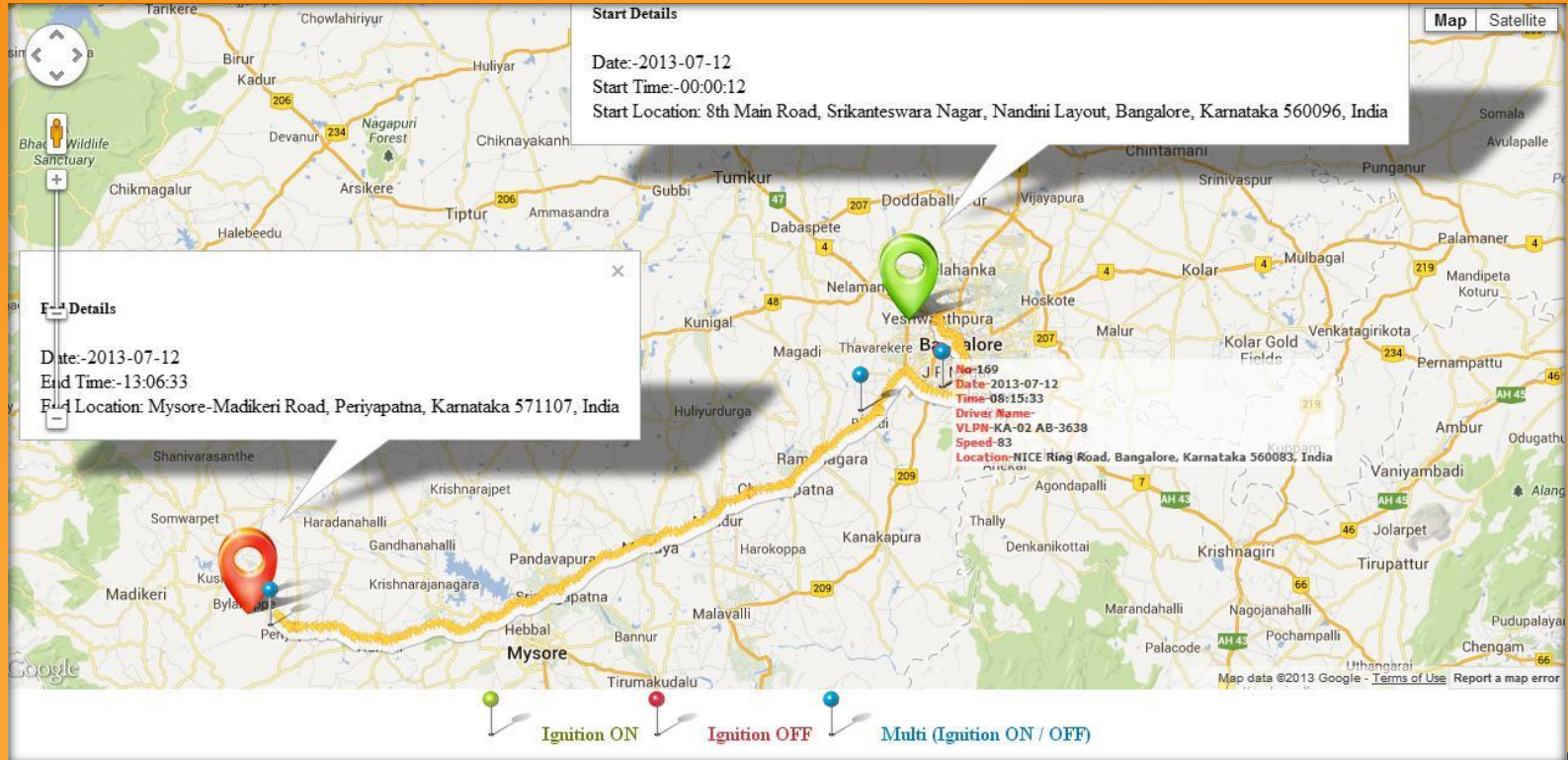
Current Summary

Current Summary

--Select Group--

Now, get your vehicle's Location by sending a simple SMS For more details, Click here..

All Columns

Records 1-3 of 3
reset

No	VLPN	Group	Client Name	Driver	GPS No.	Day Start Time	Day start Location	Current Location	Current Speed	Current location Time	Fuel Graph	Distance Covered	Battery Status	Vehicle Status
1	KA-02 AC-9387		Syscabs --------	Chetan 9387		00:00:00	5th Cross Road, Gandhi Nagar, Bangalore, Karnataka 560009, India	0 Meters From Brigade Gateway Road, Subramanyanagar, Rajajinagar, Bangalore, Karnataka 560055, India	0	13:01:54	Not Yet Calibrated	20.41	Primary	Running
2	KA-02 AB-3638		Syscabs --------	Krishna		00:00:12	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	1.52 KM From Mysore-Madikeri Road, Periyapatna, Karnataka 571107, India	11	13:03:33	Not Yet Calibrated	219.21	Primary	Running
3	KA-02 AC-4021		Syscabs -------- itriangle	Mohan Etios-4021		00:09:45	Nagasandra Main Road, Nagasandra, Bangalore, Karnataka 560073, India	0 Meters From #1296, 1st Main Road, West of Chord Road 1st Stage, Basaveshwara Nagar, Bangalore, Karnataka 560079,	0	13:07:27	Not Yet Calibrated	12.91	Primary	Halt Duration 03:21:30

10 Entries Per Page Page 1 of 1

Start Details

Date:-2013-07-12
Start Time:-00:00:12
Start Location: 8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India

End Details

Date:-2013-07-12
End Time:-13:06:33
End Location: Mysore-Madikeri Road, Periyapatna, Karnataka 571107, India

No-169
Date-2013-07-12
Time-08:15:33
Driver Name-
VLPN-KA-02 AB-3638
Speed-83
Location-NICE Ring Road, Bangalore, Karnataka 560083, India

Ignition ON   Ignition OFF   Multi (Ignition ON / OFF)

Map   Satellite

Map data ©2013 Google - Terms of Use Report a map error

Live Track on Map

Daily Report Sample

Daily Reports

KA-02 AB-3638 ▾ **From Date :** 11/7/2013 **To Date :** 12/07/2013 view | Excel Report | Indicative Fuel Report

Date	Time	Location						
2013-07-11	23:20:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.04	0	Krishna	NA	**Pri Battery**
2013-07-11	23:39:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.04	0	Krishna	NA	**Pri Battery**
2013-07-11	23:49:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.04	0	Krishna	NA	**Pri Battery**
2013-07-11	23:59:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0		NA	**Pri Battery**
2013-07-12	00:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0	Krishna	NA	**Pri Battery**
2013-07-12	00:19:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0	Krishna	NA	**Pri Battery**
2013-07-12	00:38:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0	Krishna	NA	**Pri Battery**
2013-07-12	00:48:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0	Krishna	NA	**Pri Battery**
2013-07-12	00:58:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.05	0	Krishna	NA	**Pri Battery**
2013-07-12	01:08:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	01:18:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	01:37:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	01:47:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	01:57:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	02:07:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.06	0	Krishna	NA	**Pri Battery**
2013-07-12	02:17:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	6.07	0	Krishna	NA	**Pri Battery**

Monthly Report Sample

Monthly Reports

| KA-02 AB-3638 ▼ | July ▼ | 2013 ▼ | View | All Vehicle Excel Report |

Excel Report

Date	Start Time	End Time	Start Location	End Location	Driver Name	Fuel Graph	Distace(KM)
01/07/2013	00:04:31	23:52:14	State Highway 28, Dharwad, Karnataka, India	Nagasandra Main Road, Nagasandra, Bangalore, Karnataka 560073, India	Venkatesh	Graph	450.31
02/07/2013	00:02:14	23:58:14	Nagasandra Main Road, Nagasandra, Bangalore, Karnataka 560073, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	9.78
03/07/2013	00:17:14	23:53:46	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	0.54
04/07/2013	00:03:46	23:59:46	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	0.83
05/07/2013	00:09:46	23:45:50	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	0.95
06/07/2013	00:04:50	23:50:54	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	77.13
07/07/2013	00:00:54	23:56:54	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	Venkatesh	Graph	0.60

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Ignition On/Off Report

Ignition Status Report

| Nisargatravels ▼ | KA-41 A-500 ▼ | From Date : | 08/08/2013 | 🔲 | view |

Time	Speed	Status	Events			
16:10:09	51	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:09:09	82	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:08:09	49	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:07:09	43	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:05:59	22	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:04:59	9	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:03:59	20	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:02:59	16	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:01:59	31	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
16:00:59	33	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
15:59:59	2	ON	☑ On	☐ Off	☐ Power Failure	☐ NO GPS
15:58:59	0	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
15:57:59	0	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
15:56:50	0	OFF	☐ On	☑ Off	☐ Power Failure	☐ NO GPS
15:55:50	7	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS
15:54:50	0	No status	☐ On	☐ Off	☐ Power Failure	☐ NO GPS

Halt/Stop Report

Stop & Halt Report

Select Vehicle [KA-02 AB-3638 ▼] Start Date: [12/07/2013] End Date : [12/07/2013] [view]

Report Excel

Date	From Time	Location	To Time	Status/Duration(hr:min)
2013-07-12	00:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	05:57:33	Halt Duration:- 05:48
2013-07-12	06:33:33	Bannerghatta Main Road, Nobo Nagar, Kalena Agrahara, Bangalore, Karnataka 560076, India	06:42:33	Halt Duration:- 00:09
2013-07-12	06:46:33	Bannerghatta Main Road, Nobo Nagar, Kalena Agrahara, Bangalore, Karnataka 560076, India	06:47:33	Stop Duration:- 00:01
2013-07-12	06:50:33	8th cross Road, Nobo Nagar, Kalena Agrahara, Bangalore, Karnataka 560076, India	06:59:33	Halt Duration:- 00:09
2013-07-12	07:01:33	8th cross Road, Nobo Nagar, Kalena Agrahara, Bangalore, Karnataka 560076, India	07:57:33	Halt Duration:- 00:56
2013-07-12	08:04:33	76/74, Bannerghatta Main Road, Bohra Colony, Gottigere, Bangalore, Karnataka 5600085, India	08:05:33	Stop Duration:- 00:01
2013-07-12	08:37:33	Bangalore - Mysore Road, Bangalore, Karnataka 562109, India	08:55:33	Halt Duration:- 00:18
2013-07-12	09:40:33	Bangalore - Mysore Road, Karnataka 571433, India	10:25:33	Halt Duration:- 00:45
2013-07-12	12:46:33	Mysore-Madikeri Road, Periyapatna, Karnataka 571107, India	12:56:33	Halt Duration:- 00:10

Fuel Graph/Report- Fuel Filling (Optional With Extra Cost)
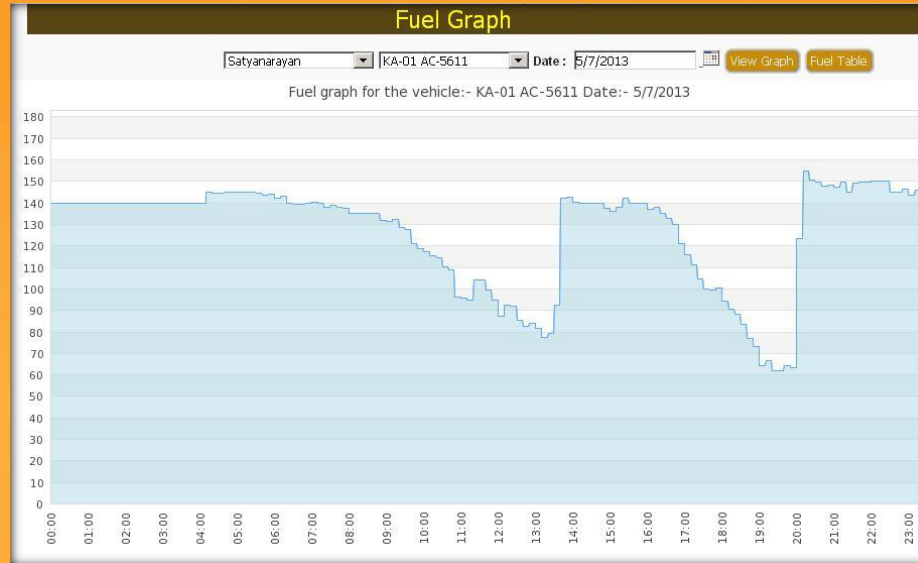
Fuel Removal
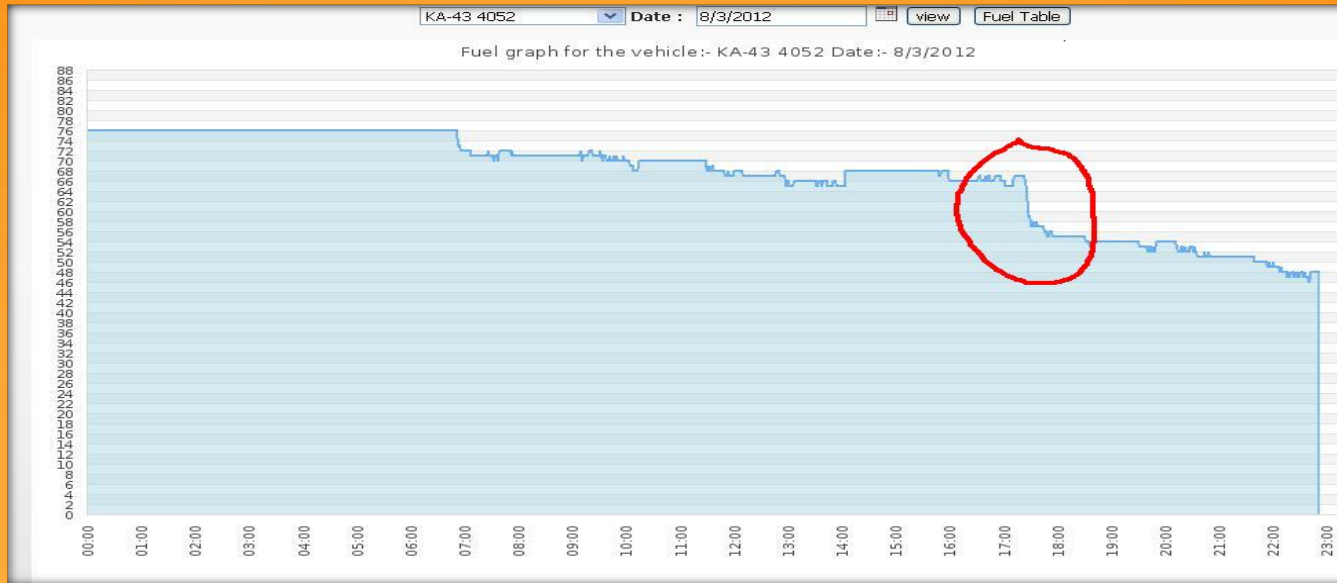
Tripwise Report Sample

VLPN: 207-9946----Date: 2013-08-08----Route Name: 207				
Current Time: 15:51:17 | Location: KIIT SQUARE | Speed: 25				Excel Report
Trip No: 1				
TIME	**Location**	**Driver**	**Cundouctor**	**Distance Covered For the Day**
06:52:13	KIIT SQUARE			1.85
06:55:13	PATIA SQUARE			3.04
06:58:13	DAMANA SQUARE	driver 1	conductor 1	4.27
07:01:13	OMFED SQUARE	driver 1	conductor 1	5.54
07:04:13	FORTUNE TOWER	driver 1	conductor 1	6.72
07:09:13	WORLD MALL	driver 1	conductor 1	9.50
07:10:13	SASHTRI NAGAR	driver 1	conductor 1	9.97
07:14:13	PMG SQUARE	driver 1	conductor 1	11.80
07:16:13	MASTER CANTEEN	driver 1	conductor 1	12.68
07:36:13	SHISHU BHAWAN	driver 1	conductor 1	14.66
07:39:13	NAVIN NIWAS	driver 1	conductor 1	15.61
08:27:13	MASTER CANTEEN	driver 1	conductor 1	21.03
08:40:13	RAVINDRA MANDAP	driver 1	conductor 1	22.49
08:42:13	RED CROSS SQUARE	driver 1	conductor 1	23.35
08:44:13	SASHTRI NAGAR	driver 1	conductor 1	24.23
08:49:13	PAL HEIGHTS	driver 1	conductor 1	26.10
08:54:13	KALINGA HOSPITAL	driver 1	conductor 1	27.95
08:57:13	OMFED SQUARE	driver 1	conductor 1	28.80
09:00:13	DAMANA SQUARE	driver 1	conductor 1	30.04
09:02:13	PATIA SQUARE	driver 1	conductor 1	31.08
09:05:13	KIIT SQUARE	driver 1	conductor 1	32.44
09:11:13	RAGHUNATHPUR VILLAGE	driver 1	conductor 1	35.36
09:12:13	RAGHUNATHPUR	driver 1	conductor 1	36.15
09:14:13	NANDANKANAN	driver 1	conductor 1	37.33
Trip No: 2				
TIME	**Location**	**Driver**	**Cunductor**	**Distance Covered For the Day**
09:14:13	NANDANKANAN	driver 1	conductor 1	37.33
09:31:13	RAGHUNATHPUR	driver 1	conductor 1	38.47
09:33:13	RAGHUNATHPUR VILLAGE	driver 1	conductor 1	39.44
09:39:13	KIIT SQUARE	driver 1	conductor 1	42.31

Speed Info

Speed Reports

VLPN: KA-02 AB-3638 ▼ | Speed ▼ | **From Date :** 12/07/2013 | **To Date :** 12/07/2013 | View

Report Excel

No	Start Time	Start Location	End Time	End Location	Average Speed	Max Speed
1	2013-07-12 00:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 01:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	0.00	0
2	2013-07-12 01:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 02:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	0.00	0
3	2013-07-12 02:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 03:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	0.00	0
4	2013-07-12 03:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 04:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	0.00	0
5	2013-07-12 04:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 05:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	0.00	0
6	2013-07-12 05:09:33	8th Main Road, Srikanteswara Nagar, Nandini Layout, Bangalore, Karnataka 560096, India	2013-07-12 06:09:33	Devanga Samaja Road, Sampangi Rama Nagar, Bangalore, Karnataka 560002, India	29.25	50

GEO-FENCE

- ❖ A logical fence of some radius can be drawn around a vehicle and is called geo fence.
- ❖ If the vehicle goes out of the fence its called geo fencing violation.
- ❖ Our system can generate report/email/SMS when any of the vehicle moves out of the fence
- ❖ Its possible to disable the vehicle if required by sending an SMS.

Replay

371	14:11:18	National Highway 4, Devasandra, K.R Puram, Bangalore, Karnataka 560036, India	131.56
391	14:21:18	National Highway 4, Kasturi Nagar, Bennigana Halli, Bangalore, Karnataka 560043, India	136.59
411	14:31:18	National Highway 4, HBR Layout 5th Block, HBR Layout, Bangalore, Karnataka 560045, India	142.34
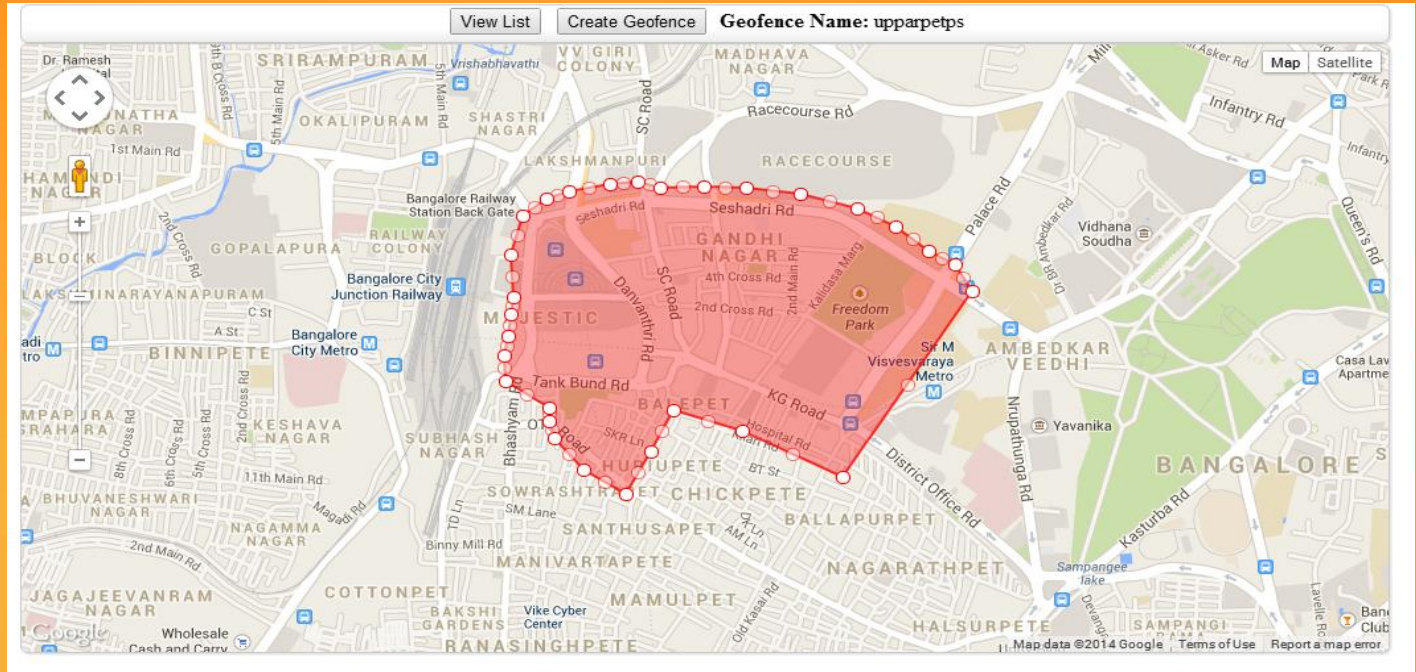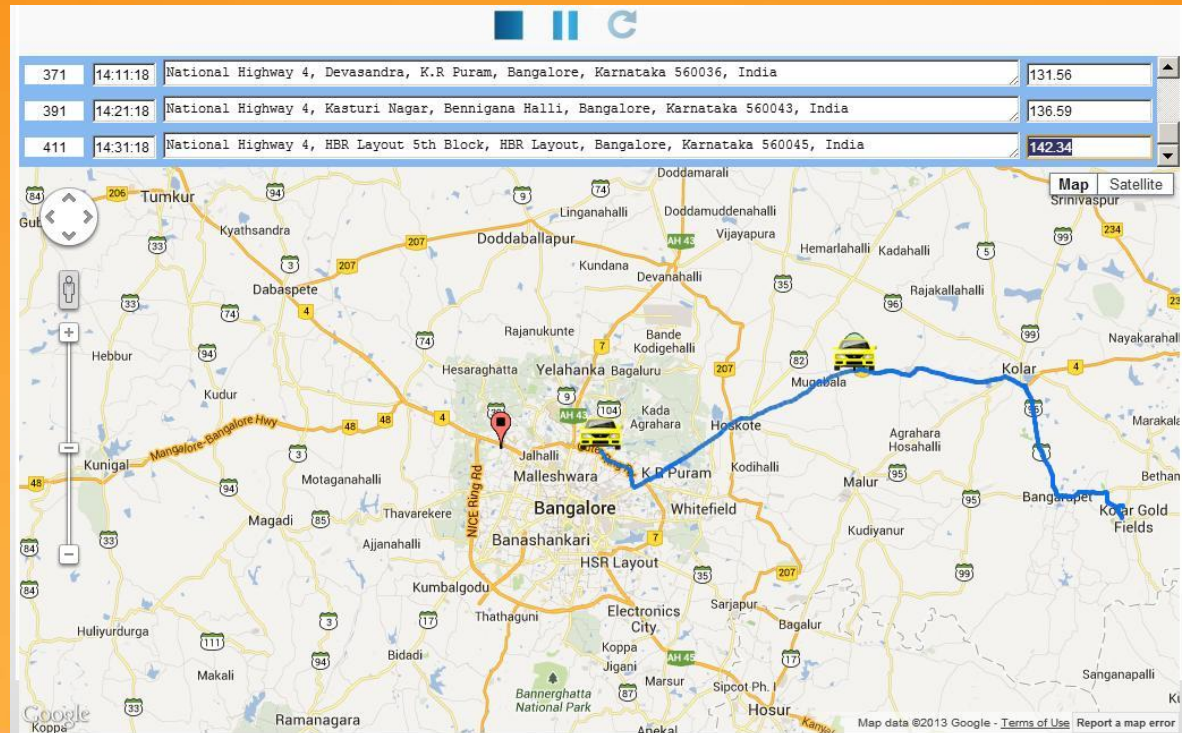
Over speed

Speed Reports

SCORPIO ▼ KA-41 9884 ▼ Over Speed ▼ **From Date :** 08/08/2013 📅 **To Date :** 08/08/2013 📅 View

Report Excel

The OverSpeed Limit is50

Date	From Time	From Location	To Time	To Location	Duration of overspeed
2013-08-08	09:23:16	Bangalore - Mangalore Highway, Anchepalya, Bangalore, Karnataka 560073, India	09:24:16	Bangalore - Mangalore Highway, Anchepalya, Bangalore, Karnataka 560073, India	00:01:00
2013-08-08	09:28:16	Bangalore - Mangalore Highway, Anchepalya, Bangalore, Karnataka 560073, India	09:30:16	Bangalore - Mangalore Highway, Anchepalya, Bangalore, Karnataka 560073, India	00:02:00
2013-08-08	09:38:16	No. 258, Bangalore - Mangalore Highway, Bangalore, Karnataka 562123, India	09:39:16	No. 258, Bangalore - Mangalore Highway, Bangalore, Karnataka 562123, India	00:01:00
2013-08-08	09:46:16	Bangalore - Mangalore Highway, Bangalore, Karnataka 562127, India	09:57:16	Bangalore - Mangalore Highway, Baganigere, Karnataka 562131, India	00:11:00
2013-08-08	11:39:16	Bangalore - Mangalore Highway, Nademavinapura, Karnataka 572130	11:43:16	National Highway 48, Koppa, Karnataka 572142, India	00:04:00
2013-08-08	13:46:16	Bangalore - Mangalore Highway, Yadiyur, Karnataka 572142, India	13:52:16	Bangalore - Mangalore Highway, Yadiyur, Karnataka 572142, India	00:06:00
2013-08-08	14:28:16	Bangalore - Mangalore Highway, Karnataka 572130, India	14:53:16	Bangalore - Mangalore Highway, Sitaram Bhattarapalya, Karnataka 562123, India	00:25:00
2013-08-08	14:57:16	Bangalore - Mangalore Highway, Sitaram Bhattarapalya, Karnataka 562123, India	14:59:16	Bangalore - Mangalore Highway, Bangalore, Karnataka 562123, India	00:02:00
2013-08-08	15:03:16	Bangalore - Mangalore Highway, Bangalore, Karnataka 562123, India	15:09:16	Bangalore - Mangalore Highway, Bangalore, Karnataka 562123, India	00:06:00

GEO FENCE REPORT

Fence Violation Reports

KA-03 ML-4552 ▼ **From Date :** 12/07/2013 📅 **To Date :** 12/07/2013 📅 [view]

Date	Out From Time	Out To Time	In Time	Out Of Fence	Out Of Fence On MAP
2013-07-12	12:19:58	12:55:58	12:56:58	0 Hours 36 Minuts	View On MAP
2013-07-12	08:51:58	09:17:58	09:18:58	0 Hours 26 Minuts	View On MAP
2013-07-12	08:47:58	08:48:58	08:49:58	0 Hours 01 Minuts	View On MAP
2013-07-12	08:12:58	08:15:58	08:16:58	0 Hours 03 Minuts	View On MAP
2013-07-12	00:53:58	06:14:58	06:15:58	5 Hours 21 Minuts	View On MAP

Engine Run hours based on Ignition on/off

Engine Run Hour Reports

innova ▼ | KA-04 C-5434 ▼ | **From Date :** 08/08/2013 | **To Date :** 08/08/2013 | view

Report Excel

Date	Engine On Time	Engine On Location	Engine Off Time	Engine Off Location	Status/Duration(hr:min)
2013-08-08	04:11:07	Old Outer Ring Road, Gnana Bharathi, Bangalore, Karnataka 560056, India	04:32:33	TCM Royan Road, Upparpete, Sevashrama, Bangalore, Karnataka 560053, India	00:21
2013-08-08	05:25:41	TCM Royan Road, Upparpete, Sevashrama, Bangalore, Karnataka 560053, India	05:38:18	17, Old Mysore Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	00:13
2013-08-08	08:01:43	State Highway 85, VV Giri Colony, Sevashrama, Bangalore, Karnataka 560023, India	08:04:43	State Highway 85, VV Giri Colony, Sevashrama, Bangalore, Karnataka 560023, India	00:03
2013-08-08	08:18:23	Railway Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	08:19:23	Railway Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	00:01
2013-08-08	09:36:20	17, Old Mysore Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	10:36:54	Baiyappanahalli Road, Baiyyappanahalli, Maruthi Sevanagar, Bangalore, Karnataka 560033, India	01:00
2013-08-08	10:57:49	Baiyappanahalli Road, Baiyyappanahalli, Maruthi Sevanagar, Bangalore, Karnataka 560033, India	12:14:59	TCM Royan Road, Upparpete, Sevashrama, Bangalore, Karnataka 560053, India	01:17
2013-08-08	12:31:20	TCM Royan Road, Upparpete, Sevashrama, Bangalore, Karnataka 560053, India	12:36:29	TCM Royan Road, Upparpete, Sevashrama, Bangalore, Karnataka 560053, India	00:05
2013-08-08	12:47:39	State Highway 85, VV Giri Colony, Sevashrama, Bangalore, Karnataka 560023, India	12:53:39	State Highway 85, VV Giri Colony, Sevashrama, Bangalore, Karnataka 560023, India	00:06
2013-08-08	12:56:50	Vatal Nagaraj Road, 3 Block, Rajaji Nagar, Bangalore, Karnataka 560010, India	13:04:50	Vatal Nagaraj Road, 3 Block, Rajaji Nagar, Bangalore, Karnataka 560010, India	00:08
2013-08-08	13:12:54	17th A Main Road, Rajaji Nagar, Bangalore, Karnataka 560023, India	13:28:44	Pedestrian Overpass, Kempegowda, Sevashrama, Bangalore, Karnataka 560023, India	00:16
2013-08-08	14:06:55	Pedestrian Overpass, Kempegowda, Sevashrama, Bangalore, Karnataka 560023, India	14:11:55	Pedestrian Overpass, Kempegowda, Sevashrama, Bangalore, Karnataka 560023, India	00:05
2013-08-08	15:10:44	Railway Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	15:14:09	Railway Road, Railway Colony, Sevashrama, Bangalore, Karnataka 560023, India	00:04
				Total:-	3:39

iTriangle
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innovate • optimise • deliver

Beneficial Factors

- ❖ Cost reduction due to proper utilization of drivers and vehicles.
- ❖ Implementation of regulations like maximum continuous driving time and rest time.
- ❖ Ensuring periodic maintenance of vehicle.
- ❖ Possibility of identifying malpractices.
- ❖ Optimal route/trip planning and tracking.
- ❖ Ensure good quality services to users.
- ❖ Cost effective complete management solutions, possible by suitably adopting the system to the existing systems used by the companies.
- ❖ Customized Services provided based on requirements.
- ❖ Provide effective Security & Safety Solutions.

Application customized for Dial 2 Taxi

- ❖ Live Tracking, Location Query, Enquiry Database, Job allocation.
- ❖ Job wise Meter Readings. Distance Covered, Payment Collection.
- ❖ Daily/weekly/monthly Call Request(enquiry) Report
- ❖ Booking report
- ❖ Job wise revenue report .
- ❖ Cab wise job allocation and revenue report.

Accessories

❖ Speakers with in built Amplifier

❖ RFID Reader

❖ Microphone

❖ Immobilization Relay

❖ Panic Button

❖ Fuel Sensor

❖ RFID Tags

RFID Tag

WARRANTY

- ❖ The device shall be maintained and serviced under standard warranty conditions for the first year and shall be covered under a paid service for the preceding years. AMC option is also available at a cost of Rs.1050/- per vehicle, after the warranty period, under standard AMC terms and Conditions.
- ❖ Any type of physical damage, sabotage or damage due to water log etc. (induced defects) shall not be considered under warranty, and customer shall bear the cost of the device and servicing.
- ❖ The warranty period for RFID reader & Panic Button would be six months.

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Schools & Educational Institutions

- VDRIT, Haliyal.
- Cambridge Primary School, Ligasugur, Raichur.
- R T Nagar School, Bangalore.
- Malgudi Vidya Niketan, Bangalore.
- Gnyanodaya Public School, Mysore.
- SLU School, Bangalore.
- CN National Public School, Bangalore.
- East Point, Bangalore.
- Purna Pramathi School, Bangalore
- Euro kids, Davangere.
- Smart School. Bangalore.
- Vidya Kendra.Bangalore.

Govt. & Public Sector

- Bhubaneswar City Transport. Bhubaneswar,
- Central Coalfields Limited, Piparwar, Ranchi.
- Ordnance Factory, Ministry of Defence, Chanda.
- Ordnance Factory,Bhandara.
- 2rajrifles, MEG Bangalore.
- Dept. of Commercial Taxes, Karnataka.
- Dept. of Horticulture, Karnataka.
- Krishna Jala Bhagya Nigam Ltd.
- Municipal Corporation, Chintamani.
- Krushi Vigyanan Kendra, University of Agricultural. Sciences, Bangalore.
- City Municipal Corporation, Chikkaballapur.
- Canara Bank..
- Air Force Station, Yelahanka.
- TMC . Bannur
- Mysore Minerals Ltd. Bangalore.
- Gadag-Betageri City Municipal Council., Karnataka.

Corporates & Others

- Radiant Distributors, Bangalore.
- Goyal Sales Corporation, Hubli.
- Sonim Technologies, Bangalore.
- Mobily Infotech India Pvt. Ltd., Bangalore.
- Anuvarth Apparels, Bangalore.
- Mediwings Bioscience Pvt Ltd, Bangalore.
- Manpasand Manpower Pvt Ltd, Bangalore.
- Handa Transport, Hubli.
- Unitex Apparels Pvt Ltd, Bangalore.
- Gia Corp Care, Bangalore.
- Nearn IT, Hubli.
- Udupi Tours & Travels, Bangalore.
- Go Go International Pvt Ltd, Bangalore.
- Sun Multitek Enterprises, Bangalore.
- Nav Bharat Crane Service Pune.
- Unity Travels Bangalore. Sys Cabs Bangalore.
- Inter trans service (ind)pvt.
- K.Rajkamal Bangalore.
- G.S. Break Down Ahmadabad.
- Nandi Infrastructure Corridor Enterprises Pvt Ltd, Bangalore.
- Power Tech Call Centre LLP, Bangalore.
- Sys Cabs, Bangalore.
- United Associate Engineers, Bangalore.
- Creative Info Services, Bangalore.
- GW. Precision Tools Ltd. Bangalore.
- Nisarga Leisure & Travels Pvt. Ltd., Bangalore.
- Miles on Wheels, Bangalore.
- **Ola Cabs..**

- Municipal Corporation, Chintamani.
- Wind World (India) Ltd., Bangalore.
- Trawellday Tours & Travels Bangalore.
- Rescue 24/7 Tow Services.
- Manjushree Car Rentals, Bangalore.
- Zen PowerTechnologies , Bangalore.
- Ayoni Technologies LLP Banagalore.
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- Express Cargo.
- Inter trans service (India)Pvt Ltd.
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- Argus Technologies LLP, UAE.
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- Colosseum Tech Solutions Pvt Ltd, Hyderabad
- Rolta India Ltd., Mumbai.
- Tata Consultancy Services Ltd
- Himu Softech, Bangalore
- Kanoe Software Pvt. Ltd
- Infotrack Telematics, Bangalore
- 3rd Eye Solutions. Cochin
- Pulsar Electronics, Mumbai.
- **AC Tech Pvt. Ltd. Ahmedabad (Deployed IOCL)**
- YuvaTech. Mumbai.
- Aftech Ltd. Pune.