An ISO 9001:2008 Certified Company

Complete Power packed Telematics solution for Taxi Dispatch System

www.itriangle.in
Executive Summary

Geography
A Bangalore, India, based Company.

Company Inception
Commenced operations in February 2009...

Core Competence
Engaged in Design, Development in the domains of GPS, GIS, Mobile Applications, RFID, Web Based Enterprise Applications.

Manufacturing
Manufacturing of GPS-GSM-RFID-Sensor based Tracking and Monitoring Systems.

Research
A Full Fledged R & D wing with a dedicated team of qualified professionals.

Services
End to End Solution Providers in the field of Telematics that includes hardware, software and cloud/mobile based applications for various domains. Technology Consulting Services.
TO BE A VIBRANT COMPANY, PROVIDING QUALITY AND EFFICIENT SERVICE TO CUSTOMERS AND A REWARDING EXPERIENCE TO ITS EMPLOYEES.

OUR VISION

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.

OUR MISSION
Market Information

Economy
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.

Productivity
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 thereby reduce malpractices, wastage, and thus improve productivity and security.

Benefit
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.

Recommended
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.
Market Opportunities

Telematics & IoT ($15B)

Automotive ($300M**)

- Fleet Management Systems
- Connected Car (OBD II)
- Taxi Rental Aggregator App
- Usage Based Insurance
- Analytics and Modelling
- Analytics and Modelling

Global IoT Healthcare ($162B***)

- Personal Tracking and Safety
- Wearable Health Monitoring
- Mobile Data Terminal

Existing Products

Upcoming Products (next 3-6 months)

Roadmap

# Total Addressable Market (TAM): $6 Trillion

Geographies Served
Customers

*Ministry of External Affairs, Indian IoT industry is expected be worth US$ 15 billion by 2020
***Markets and Markets, IoT Healthcare Market Global Forecast to 2020
We have developed a next generation GPS tracking platform on which, a variety of products for different markets like transportation, asset tracking, geographical data acquisition, fleet management etc can be developed. The technology involves GPS, GSM, RFID and various sensors with web based control, tracking, and monitoring facilities on a Google map interface. It’s even possible to acquire data pertaining to the remote entities to which the tracker device is attached.

By extending the platform, we have developed a complete vehicle and fleet management solution in the brand name of aQuila Track, loaded with a complete range of applications and features that increases the business efficiency, productivity and the bottom-line of our Customers.
Software Solution Offerings

- Live/History Tracking
- Vehicle location, status and minute wise speed display on state of the art GIS maps in real time
- Speed notification
- Distance travelled
- Geo fencing
- External RFID Support (optional with extra cost)
- Over speed report. Identification, record and display
- SMS based event notifications, alert in case of speed violation and geo fence violation
- Location and Fuel Level Query through SMS
- Dynamic over speed limit setting from web interface
- All parameter configurations from web interface
- Vehicle Immobilization
- Listen In Facility
- 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.....
Taxi Dispatch System Software Application Features

www.aquilatrack.com
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

1. Hardware consisting of
2. GPS/GSM based Tracker
3. Taxi Meter (Standards Calibrated)
4. Thermal Printer
5. 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
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.
Specifications

- Vehicle Location Status And Speed Display On State Of The Art GIS Maps In Real Time.
- Over Speed Identification, Recording And Display.
- Dynamic Over Speed Limit Setting From Web Interface.
Enquiries

Add JobDetail
Add Information about customer and Job detail

<table>
<thead>
<tr>
<th>Customer Name</th>
<th>Mobile No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kareem</td>
<td>8105704344</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Job Date:</th>
<th>Job Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Date: 2012-11-24</td>
<td>18:51:00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Person Name:</th>
<th>From Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaraj</td>
<td>J.P Nagar, Bangalore</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To Area</th>
<th>To City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Majestic</td>
<td>Select From Dropdown</td>
</tr>
<tr>
<td>Bangalore</td>
<td>Select From Dropdown</td>
</tr>
</tbody>
</table>

Address: j-p nagar Bangalore
### List of current job

<table>
<thead>
<tr>
<th>ID</th>
<th>Customer</th>
<th>Address</th>
<th>Mobile</th>
<th>From address</th>
<th>To address</th>
<th>Job Date</th>
<th>Job Time</th>
<th>Assigned to</th>
<th>Driver Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Anaraj</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>j-p nagar, bangalore, Bangalore</td>
<td>vijaynagar, Bangalore</td>
<td>2012-11-13</td>
<td>10:22:00</td>
<td>KA02F2343 Shankar</td>
<td>8105704344</td>
</tr>
<tr>
<td>2</td>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>malleshwaram, Bangalore</td>
<td>vijaynagar, Bangalore</td>
<td>2012-11-20</td>
<td>13:09:00</td>
<td>KA 05 J 2343 Jagdish</td>
<td>2147483647</td>
</tr>
<tr>
<td>3</td>
<td>Kareem</td>
<td>J.p nagar, Bangalore</td>
<td>8105704344</td>
<td>J.P Nagar, Bangalore, Bangalore</td>
<td>Rajajinagar, Bangalore</td>
<td>2012-11-24</td>
<td>18:51:00</td>
<td>KA 05 J 2343 Jagdish</td>
<td>2147483647</td>
</tr>
</tbody>
</table>
Searching nearest available cab

**Job Details**

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

**Available Taxis.**

<table>
<thead>
<tr>
<th>Taxi VLPN</th>
<th>Taxi Contact No</th>
<th>Driver Name</th>
<th>Location</th>
<th>Distance From Customer Place (in KM)</th>
<th>Select to DID</th>
</tr>
</thead>
<tbody>
<tr>
<td>KA 05 C 7344</td>
<td>2147483647Suresh</td>
<td>Saptagiri Layout, Hosakerehalli Bengaluru, Karnataka</td>
<td>5.5</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>KA 06 J 2343</td>
<td>2147483647Jagadish</td>
<td>Vijaynagar Market, Service Rd, Vijaynagar, Bengaluru, Karnataka, India</td>
<td>8.5</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>KA02F23438105704344Shankar</td>
<td>2147483647</td>
<td>Mogadi Rd, Bengaluru, Karnataka, India</td>
<td>14.5</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Patient Name:</th>
<th>Kareem</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Person Name:</td>
<td>Anaraj</td>
</tr>
<tr>
<td>Contact No:</td>
<td>8105704344</td>
</tr>
<tr>
<td>From:</td>
<td>J.P Nagar, Bangalore, Bangalore</td>
</tr>
<tr>
<td>To:</td>
<td>Rajajinagar, Bangalore</td>
</tr>
<tr>
<td>Address:</td>
<td>J P Nagar, Bangalore, Karnataka, India</td>
</tr>
</tbody>
</table>

---

### Available Taxis.

<table>
<thead>
<tr>
<th>Taxi VLPN.</th>
<th>Taxi Contact No</th>
<th>Driver Name</th>
<th>Location</th>
<th>Distance From Customer Place (in KM)</th>
<th>Select to Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>KA 05 G 7344</td>
<td>2147403647</td>
<td>Suresh</td>
<td>Saptagiri Layout, Hosakerehalli Bengaluru, Karnataka</td>
<td>5.5</td>
<td>✔</td>
</tr>
<tr>
<td>KA 06 J 2343</td>
<td>2147483647</td>
<td>Jagadish</td>
<td>Vijaynagar Market, Service Rd, Vijaynagar, Bengaluru, Karnata, India</td>
<td>8.6</td>
<td>✔</td>
</tr>
<tr>
<td>KA02F2343</td>
<td>8105704344</td>
<td>Shankar</td>
<td>Magadi Rd, Bengaluru, Karnata, India</td>
<td>14.5</td>
<td>✔</td>
</tr>
</tbody>
</table>

**Vehicles**

- KA 05 G 7344
- KA 06 J 2343
- KA02F2343

*added to Bid Successfully*
## List of all bids with driver response

<table>
<thead>
<tr>
<th>ID</th>
<th>Customer</th>
<th>Address</th>
<th>Mobile</th>
<th>From address</th>
<th>To address</th>
<th>Job Date</th>
<th>Job Time</th>
<th>Assigned to</th>
<th>Driver Contact</th>
<th>Award</th>
<th>Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kiran</td>
<td>Bangalore</td>
<td>9023654123</td>
<td>R.T. Nagar,Bangalore,Bangalore</td>
<td>majestick,Bangalore</td>
<td>2012-11-12</td>
<td>20:54:00</td>
<td>KA 06 J 2343 Jagdish</td>
<td>2147483647</td>
<td>Award</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Kiran</td>
<td>Bangalore</td>
<td>9023654123</td>
<td>R.T. Nagar,Bangalore,Bangalore</td>
<td>majestick,Bangalore</td>
<td>2012-11-12</td>
<td>20:54:00</td>
<td>KA 05 G 7344 Suresh</td>
<td>2147483647</td>
<td>Award</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Kiran</td>
<td>Bangalore</td>
<td>9023654123</td>
<td>R.T. Nagar,Bangalore,Bangalore</td>
<td>majestick,Bangalore</td>
<td>2012-11-12</td>
<td>20:54:00</td>
<td>KA002F2343 Shankar</td>
<td>8105704344</td>
<td>No Response</td>
<td></td>
</tr>
</tbody>
</table>

### Job 1

<table>
<thead>
<tr>
<th>Customer</th>
<th>Address</th>
<th>Mobile</th>
<th>From address</th>
<th>To address</th>
<th>Job Date</th>
<th>Job Time</th>
<th>Assigned to</th>
<th>Driver Contact</th>
<th>Award</th>
<th>Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>malleshwaram,Bangalore</td>
<td>vijaynagar,Bangalore</td>
<td>2012-11-20</td>
<td>13:09:00</td>
<td>KA 06 J 2343 Jagdish</td>
<td>2147483647</td>
<td>Award</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>malleshwaram,Bangalore</td>
<td>vijaynagar,Bangalore</td>
<td>2012-11-20</td>
<td>13:09:00</td>
<td>KA 05 G 7344 Suresh</td>
<td>2147483647</td>
<td>Award</td>
</tr>
</tbody>
</table>

### Job 2

<table>
<thead>
<tr>
<th>Customer</th>
<th>Address</th>
<th>Mobile</th>
<th>From address</th>
<th>To address</th>
<th>Job Date</th>
<th>Job Time</th>
<th>Assigned to</th>
<th>Driver Contact</th>
<th>Award</th>
<th>Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>j.p nager,Bangalore</td>
<td>J.P Nagar,Bangalore,Bangalore</td>
<td>2012-11-24</td>
<td>18:51:00</td>
<td>KA 05 G 7344 Suresh</td>
<td>2147483647</td>
<td>No Response</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>j.p nager,Bangalore</td>
<td>J.P Nagar, Bangalore,Bangalore</td>
<td>2012-11-24</td>
<td>18:51:00</td>
<td>KA 06 J 2343 Jagdish</td>
<td>2147483647</td>
<td>Award</td>
</tr>
<tr>
<td>3</td>
<td>Kareem</td>
<td>Bangalore</td>
<td>8105704344</td>
<td>j.p nager,Bangalore</td>
<td>J.P Nagar, Bangalore</td>
<td>2012-11-24</td>
<td>18:51:00</td>
<td>KA002F2343 Shankar</td>
<td>8105704344</td>
<td>No Response</td>
</tr>
</tbody>
</table>
Bid acceptance
<table>
<thead>
<tr>
<th>Trip open and closure by driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trip No</td>
</tr>
<tr>
<td>Customer Name</td>
</tr>
<tr>
<td>Pickup Point</td>
</tr>
<tr>
<td>Drop Point</td>
</tr>
<tr>
<td>Odi Covered</td>
</tr>
</tbody>
</table>

[Button] Close Trip
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 printed 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.
# Current Summary

<table>
<thead>
<tr>
<th>No</th>
<th>VLPM</th>
<th>Group</th>
<th>Client Name</th>
<th>Driver</th>
<th>GPS No.</th>
<th>Day Start Time</th>
<th>Day Start Location</th>
<th>Current Location</th>
<th>Current Speed</th>
<th>Current Location Time</th>
<th>Fuel Graph</th>
<th>Distance Covered</th>
<th>Battery Status</th>
<th>Vehicle Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KA-02 AC-3387</td>
<td>Syscabs</td>
<td>Chetan</td>
<td>9387</td>
<td>00:00:00</td>
<td>8th Cross Road, Gandhi Nagar, Bangalore, Karnataka 560089, India</td>
<td>0 Meters From Brigade Gateway Road, Subramanyanagar, Rajajinagar, Bangalore, Karnataka 560058, India</td>
<td>0</td>
<td>13:01:54</td>
<td>Not Yet Calibrated</td>
<td>20.41</td>
<td>Primary</td>
<td>Running</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>KA-02 AB-3638</td>
<td>Syscabs</td>
<td>Krishna</td>
<td></td>
<td>00:00:12</td>
<td>8th Main Road, Srinivasa Nagar, Nachiyar Layout, Bangalore, Karnataka 560096, India</td>
<td>1.52 KM From Mysore-Madiwala Road, Periyapatna, Karnataka 571107, India</td>
<td>11</td>
<td>13:03:33</td>
<td>Not Yet Calibrated</td>
<td>21.91</td>
<td>Primary</td>
<td>Running</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>KA-02 AC-4021</td>
<td>Syscabs</td>
<td>Mohan</td>
<td>Etios-4021</td>
<td>00:09:45</td>
<td>Nagasandra Main Road, Nagasandra, Bangalore, Karnataka 560073, India</td>
<td>0 Meters From #1206, 1st Main Road, West of Chord Road 1st Stage, Basavanagudi Nagar, Bangalore, Karnataka 560079, India</td>
<td>0</td>
<td>13:07:27</td>
<td>Not Yet Calibrated</td>
<td>12.91</td>
<td>Primary</td>
<td>Running</td>
<td></td>
</tr>
</tbody>
</table>

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

Records 1-3 of 3 reset.
Live track on map

Start Details
Date: 2013-07-12
Start Time: 00:00:12
Start Location: 8th Main Road, Srilankeswara 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
Travel Replay
<table>
<thead>
<tr>
<th>Basic Reports</th>
<th>Advanced Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Daily Report</td>
<td>1. Fuel Graph and Fuel Report *</td>
</tr>
<tr>
<td>7. Geo fence violation Report</td>
<td></td>
</tr>
<tr>
<td>8. Panic Alert Report **</td>
<td></td>
</tr>
</tbody>
</table>

- Available with fuel probe sensor
- Optional at extra cost
### Tripwise Report Sample

#### Trip No. 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Driver</th>
<th>Conductor</th>
<th>Distance Covered For the Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>06:52:13</td>
<td>KIT SQUARE</td>
<td>1.65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06:53:13</td>
<td>PATIA SQUARE</td>
<td>5.06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06:58:13</td>
<td>DAMANA SQUARE</td>
<td>4.27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:01:13</td>
<td>CRAWED SQUARE</td>
<td>5.64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:04:13</td>
<td>FORTUNE TOWER</td>
<td>6.22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:09:13</td>
<td>WORLD MALL</td>
<td>9.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:10:13</td>
<td>SHANTRNAGAR</td>
<td>9.87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:14:13</td>
<td>PIA SQUARE</td>
<td>11.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:16:13</td>
<td>MASTER CANTENIN</td>
<td>12.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:36:13</td>
<td>SHENI BHAYAN</td>
<td>14.66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:39:13</td>
<td>NAVIN NAVAS</td>
<td>16.61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:27:13</td>
<td>MASTER CANTENIN</td>
<td>21.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:46:13</td>
<td>RAVINDRA NANDAV</td>
<td>22.49</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:42:13</td>
<td>RED CROSS SQUARE</td>
<td>23.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:44:13</td>
<td>SATBHONAGAR</td>
<td>24.33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:49:13</td>
<td>PAL HEIGHTS</td>
<td>26.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:04:13</td>
<td>KALINGA HOSPITAL</td>
<td>27.95</td>
<td></td>
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<td>CRAWED SQUARE</td>
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<td>DAMANA SQUARE</td>
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<td>09:02:13</td>
<td>PATIA SQUARE</td>
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<tr>
<td>09:10:13</td>
<td>KIT SQUARE</td>
<td>32.44</td>
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<tr>
<td>09:11:13</td>
<td>RACHUHATPUR VILLAGE</td>
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<td></td>
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<td>RACHUHATPUR</td>
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<tr>
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<td>NANDANAKANAN</td>
<td>27.02</td>
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#### Trip No. 2

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<tr>
<th>Time</th>
<th>Location</th>
<th>Driver</th>
<th>Conductor</th>
<th>Distance Covered For the Day</th>
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<td>09:14:13</td>
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<td>09:29:13</td>
<td>KIT SQUARE</td>
<td>47.05</td>
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</tr>
</tbody>
</table>
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

It's possible to disable the vehicle if required by sending an SMS.
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.
Features may vary depending on the model and the variant

**Small Form Factor**
- Small form factor of 115L x 100 W x 30 H in mm
- Enables easy installation
- Can be installed even in two wheelers
- Completely concealed installation to protect from tampering.

**High Accuracy GPS**
- Location accuracy of 2.5 M @ 50% CEP.
- GPS/Glonass support
- Can track even in GPS shadow areas (under bridges, indoor environment near windows etc)
- Best in class time to position fix: cold start duration of 39 Sec.
- Dead reckoning support

**Power Optimization**
- Power optimization based on ignition status.
- The tracking interval is automatically increased if the vehicle ignition is found to be OFF for more than 10 minutes. Reduces the load on the Vehicle battery and Server when the vehicle is in parked state.
- Sleep mode and Deep sleep mode available for battery optimization on small battery systems such as mopeds and bikes.

**Internal Antenna**
- GPS high gain internal antenna with -165dBi gain enables accurate tracking even with internal antenna and device hidden inside the dash board
- Internal high gain GSM antenna
- Completely hidden inside the dashboard.
Features may vary depending on the model and the variant

**Internal Battery**
- 700 mAh, Lion battery.
- 6 to 8 hour tracking on battery when fully charged.
- Parameter Configuration through USB interface.
- Rugged Cylindrical battery with high MTBF.
- Over Charging and Deep discharge protection.
- Smart battery management enables long battery life.

**Storage and forward**
- The tracking information is first stored on the internal flash storage and then forwarded to server.
- 10000-40000 records space available on board.
- Recorded data can be extracted offline through USB (special firmware required) if required.
- Ensures zero data loss during GSM no coverage and communication failure, server downtime etc.

**Parameter Configuration**
- All parameters can be configured through USB or through SMS remotely.
- IP address, Port number, domain name, tracking interval, admin phone number, alert phone number.
- In-built validation logic for type checking and correctness of configuration parameters ensures wrong parameters are rejected during configuration.
- Pre-configuration option available on request during manufacturing. Parameter specified by customers (such as IP, Port, Tracking interval etc) can be pre-configured during manufacturing using bulk configuration process, so that effort configuration in the field can be avoided.

**Server Connectivity**
- Connect, transfer and disconnect type of communication, reduces the resources on the server per connection.
- Connection interval can be separately configurable apart from tracking interval to balance the load on server.
- Dual IP support (if required by customer, firmware upgrade required) for high availability.
- Storage and forward architecture of data communication ensures that no data is lost during server failure, communication failure, or data congestion.
- DNS support for seamless IP portability. Device can be configured with a domain name instead of an IP of the server for easy porting of devices from one server to another.
Features may vary depending on the model and the variant

Communication and Data usage

- Binary/ASCII communication protocol ensures high packaging of data per session to reduce the size of data usage.
- Option for Text based protocol available on request, if required by system integrators/customers. (firmware upgrade needed).
- Works on TCP communication.
- Encrypted communication support (on request, firmware upgrade required) for high secure communication requirements.

Integration & Customization support

- To enable faster integration with client system, we provide a SDK with a multithreaded client server and protocol parser.
- SDK is available for both windows and Linux server.
- Provides a socket to HTTP bridge for quick integration.
- Protocol documentation provided for low level integration if required by the system integrator/customer.
- Customization support could be provided for large scale requirements.
Accessories

Features may vary depending on the model and the variant

- Speakers with in-built Amplifier
- Microphone
- Fuel Sensor
- Panic Button
- Immobilization Relay
- RFID Reader with Tags
WARRANTY

• iTriangle will provide One Year Limited Warranty, the scope of which is as follows:
• Accessories like Internal Battery and Wiring Kit and other related accessories will carry a Six Months’ replacement warranty.
• All Components and spares will either be serviced or replaced, during the warranty period.
• On field support will not be provided. The devices have to be sent to our Bangalore Office for services and repairs.
• All types of physical damage, damage due to extreme working conditions (Vehicle Battery Voltage range above 32 volts, Temperature above 70 degrees C and below – 20 degrees C), water logging will not be covered under warranty service terms.
• iTriangle shall provide training to the Client’s authorized personnel to handle L1 and L2 service.
• 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.
• AMC options for L3 service are available.
Our Major Clients & Projects

- Bosch
- MapmyIndia
- UToo
- Ola
- Uber
- Infosys
- Trimax
- Nissan
- Mysore Minerals Limited
- InfoTrack
- t4u telematics4u
Our Major Clients & Projects

Schools & Educational Institutions

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

Corporates & Others

- Bosch India Limited
- Infosys Limited
- OLA Cabs, Bangalore.
- Uber Cabs, Mumbai.
- Nandi Infrastructure Corridor Enterprises Pvt Ltd, Bangalore.
- Radiant Distributors, Bangalore.
- Goyal Sales Corporation, Hubli.
- Sonim Technologies, Bangalore.
- Mobil Infotech India Pvt. Ltd., Bangalore.
- Anuvarth Apparels, Bangalore.
- Medwings 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.
- GoGo International Pvt Ltd, Bangalore.
- Sun Multitek Enterprises, Bangalore.
- Nav Bharat Crane Service Pune.
- Unity Travels Bangalore. Sys Cabs Bangalore.
- K.Rajkamal Bangalore.
- G.S. Break Down Ahmadabad.
- 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.
- Technocon Constructions & Infrastructure, Bangalore.

Govt. & Public Sector

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

OEM/System Integrators

- Wipro, Bangalore.
- Trinmax IT Infrastructures & Services Limited, Mumbai.
- Tata Consultancy Services Ltd, Bangalore.
- Escorts Ltd. Faridabad
- Bayonet, Kenya.
- Argus Technologies LLP, UAE.
- Colosseum Tech Solutions Pvt Ltd, Hyderabad
- Rohta India Ltd., Mumbai.
- Himu Softech, Bangalore.
- Infotrack Telematics, Bangalore
- Pulsar Electronics, Mumbai.
- AC Tech Pvt. Ltd. Ahmedabad(Deployed at IOCL)
- Attech Ltd. Pune.
- Ragvik Technologies Pvt. Ltd., Gauhati
- Telematics 4U, Bangalore.
- Verve Compusoft Pvt Ltd, Mumbai
THANK YOU!

and we look forward to serve you

080-23180601