LARGEST INDIAN MANUFACTURER
OF VEHICLE TELEMATICS DEVICES
OUR VISION

iTriangle Infotech would strive to provide world class and stable Hardware and Software IoT solutions that would make a positive impact on the productivity and profitability of its Clients.

OUR MISSION

iTriangle Infotech aims to be a pioneer in the field of IoT and be one among the top companies in the world and provide rewarding experience to its Clients and Employees.
Promoters Profile

Vadiraj S Katti
Founder & Managing Director

with an experience of 20 years in the fields of

...
Promoters Profile

BE.Telcom, BE, Electrical, ME Electrical, PhD –
Executive Summary

**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 of GPS, Sensor based Tracking and Monitoring Systems.

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.

Over 250,000 devices deployed in India and overseas.

Currently the largest Indian Supplier of Telematics Based GSM Vehicle Tracking & Monitoring Hardware.
Vehicle Monitoring and Tracking Systems and Fleet Management Systems

Remote Vehicle Diagnostics through OBD devices

Industrial/Infra Data Acquisition

Remote Generator monitoring System

Wearable health monitoring

Personal tracking and Safety

Existing Products

Up Coming Products
END TO END SOLUTION IN THE TELMATIC BASED TRACKING & MONITORING DOMAIN

Company Business Flow

Hardware
- In-house Design and Development
- Manufactured through an outsourced EMS Facility

Vehicle/Personal/Asset Tracking Devices (OBD & Non OBD)
- Bharat 101, TS101 Basic & Adv, U101 4G
MeSafe
Stay Safe

Accessories
- RFID Readers
- Panic Button
- Vehicle Immobilizer

Software
- In-house Design and Development
- Hosted and Managed on Cloud

Domain Specific Solutions like Fleet Management, Asset Management, Employee/Student Transport Management, Waste Pickup, Mine Management Solutions

Sold through Franchise, Distributors and Direct Channels
Service Centres in Bangalore, Mumbai, Pune and Associated Service Centres across the Country
Hardware Sales to System Integrators and Service Providers

Software Sales to System Integrators and Service Providers

Customized Design and Development of Solutions

Design and Consultancy Services
Retail, End to End Sales to Franchisee, Distributors and Partners

Corporate & Major account End to End Sales to large Customers

Government Tenders
OUR DEVICE PLATFORMS

4G Platform

<table>
<thead>
<tr>
<th>Interface Layer</th>
<th>Computing Layer</th>
<th>Com Layer</th>
</tr>
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<tbody>
<tr>
<td>GNSS</td>
<td>TrackNTrace</td>
<td>2G/2.5G/3G/4G GMS/GPRS/LTE</td>
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<tr>
<td>DIO</td>
<td>Driving Behavior</td>
<td>Bluetooth/ BLE</td>
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<tr>
<td>AIN</td>
<td>OTA/FOTA</td>
<td>WiFi</td>
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<tr>
<td>CAN/K-line</td>
<td>OBD/CAN Stack</td>
<td>Offline Data Recorder</td>
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<tr>
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</tr>
<tr>
<td>One wire</td>
<td>IOT Stack</td>
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<tr>
<td>Gyro/Accel</td>
<td>MQTT</td>
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<tr>
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<td>HTTP</td>
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<tr>
<td>WIFI HP</td>
<td>EDGE COMP</td>
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<td></td>
<td>Linux</td>
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2G Platform

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<td>EDGE COMP</td>
<td>Nucleus RTOS</td>
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Digital and Analog electronics design.
Remote Data Acquisition over GSM, 3G, Local networks etc.
Embedded Automation products.
Wireless product development based on GSM, Wifi, Bluetooth, Zigbee.
C/C++ and Embedded firmware development.
Design of Real-time systems.
GPS, GSM and RFID based solutions.
Sensor networks.
Embedded hardware designing on 8/16/32 bit platforms.
Embedded firmware development on 8/16/32 bit controllers.
J2ME/Android Mobile application development.
Board support packages.
Design, development and porting of embedded OS/stacks/packages/libraries and such components.
Protocol stack development for embedded systems.
Network protocol development and testing.
Process Automation and industry specific applications.
Enterprise application solutions.
RTOS on embedded systems.
Product Development Life Cycle
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<td>![Image of Vehicle/Asset Tracking and Asset Tracking Systems]</td>
</tr>
<tr>
<td>Just Launched</td>
<td>![Image of Long Life Tracker]</td>
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<td>![Image of Android Based Mobile Data Terminal]</td>
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<tr>
<td>Android Based Mobile Data</td>
<td>![Image of MeSafe 6SM Based Personal]</td>
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Infrastructure Overview

Design & Development

Manufacturing (Out Sourced Infrastructure)
BE-SPOKE IMPLEMENTED PROJECTS
**iTriangle** is only company in India which has focused on developing and building in-house end-to-end solutions in Telematics.

With close to 250,000 hardware installations iTriangle has acquired customers in almost all segments of vehicle Telematics, and has built a significant business redundancy.

iTriangle has its own Vehicle Network Stack with almost all the protocols over CAN and K-Line.

**Differentiating Factors**

- **iTriangle** is the only company today who can cater to all the verticals of industry viz., B2B, B2C, B2B2C, ODM, Design and Consultancy.

- Having achieved good and noticeable traction and expertise in vehicle Telematics which is the most challenging and prominent use case in IoT, it is easy for iTriangle to branch out to other domains of IoT like industrial, personal, healthcare with the current platform.

- With the help of the current investments that we have made financially, in building a core team that understands the domain and its future requirements, iTriangle is now positioned to capitalize on the abundant opportunities which could multiply manifold in terms of revenue growth.

- Both hardware and software offerings from iTriangle come with all the necessary certifications and approvals like AIS-140, ISO 27001, ARAI/CAT certifications for AIS-004, reliability and environment tests.

Consciously built and spent time, resources and investments in design and development of robust, stable and scalable platform in field of IoT. For instance iTriangle is the first company to get AIS 140 certification, first Indian company to have a power optimized design for two wheeler hardware and first Indian company to launch 4G with camera, WiFi and BT, along with diagnostic capabilities.
CURRENT OPERATIONS ACROSS THE COUNTRY

(Himachal Pradesh)

(Maharashtra)

(Andhra Pradesh)

(Tamilnadu)

(All these locations have Sales & Service Support Infrastructure)
CUSTOMER TESTIMONIALS

- Helped us with solving issues related to tracking vehicles. The MIS reports are helpful in departmental management.
- The team is agile, has a good and motivated team and has installed Tracking Devices in different cities in India, in our caps.
  - Shetty, ANI Technologies

- We have installed Aquila Track tracking devices in our college buses. It has really helped us in tracking and managing the movement of our buses, has helped us to reduce wasteful travel and also helped us majorly in cutting down our fuel costs because of their fuel monitoring system.
  - Dr. Udupi, Principal, Vishwanath Deshpande Rural Institute of Technology, Haliyal, Karnataka.

- : We have installed the VTUs in 6422 BMTC city buses. We have found the team to be service oriented, technically capable and has helped us in taking the project towards implementation and going live.
  - Bhawajeet

- : iTriangle offers good value for money by way of good pricing, stable solutions and good service. They have implemented GPS Tracking Devices in more than 7000 cabs for Uber across 8 cities in India.
  - Uber India