GPS GSM SMS RFID BASED TRACKING & MONITORING SOLUTIONS

GPS-GSM-RFID Based Tracking & Monitoring Systems/Solutions

- Vehicle Tracking, Monitoring & Fleet Management
- Person Tracking for Safety & Security
- Infrastructure Management

DESIGN
DEVELOPMENT
MANUFACTURING
&
SOFTWARE SERVICES

iTriangle
Infotech Pvt Ltd
innovate • optimise • deliver

iTriangleInfotech Pvt. Ltd, a Company based at Bangalore in India, is engaged in design, development and manufacturing of GPS-GSM-RFID based Vehicle/Asset/Person Tracking and Monitoring Systems. It has designed & developed a proprietary Remote Data Acquisition Platform with an end-to-end solution. The Company offers products and services for Vehicle/Asset/Person Tracking and Monitoring, for various sectors like Transport, Logistics, Trading, Educational Institutions, Health Care, Personal Safety, and Automobile Industries. The promoters of iTriangle are highly qualified professionals in the related domains. The company offers its products under the brand names aQuila, MeSafe, and StaySafe.

iTriangle currently has three product offerings in the Vehicle/Asset Tracking and Monitoring domain. iTriangle also has two product offerings, targeted towards Personal Security & Monitoring for individuals like Women, Children, Elders & Professionals working in high risk industries. Tracking on demand, Auto alerts through SMS, Distress Alert through Panic Button, Auto Listen in, are some of the features provided in these two products. iTriangle has also developed mobile applications for personal tracking, phone security and asset tracking for people on the move. All the hardware offerings from iTriangle are robust, durable, manufactured with proven and tested components of high quality with the best manufacturing practices. All the products have the required certifications in the respective domains.

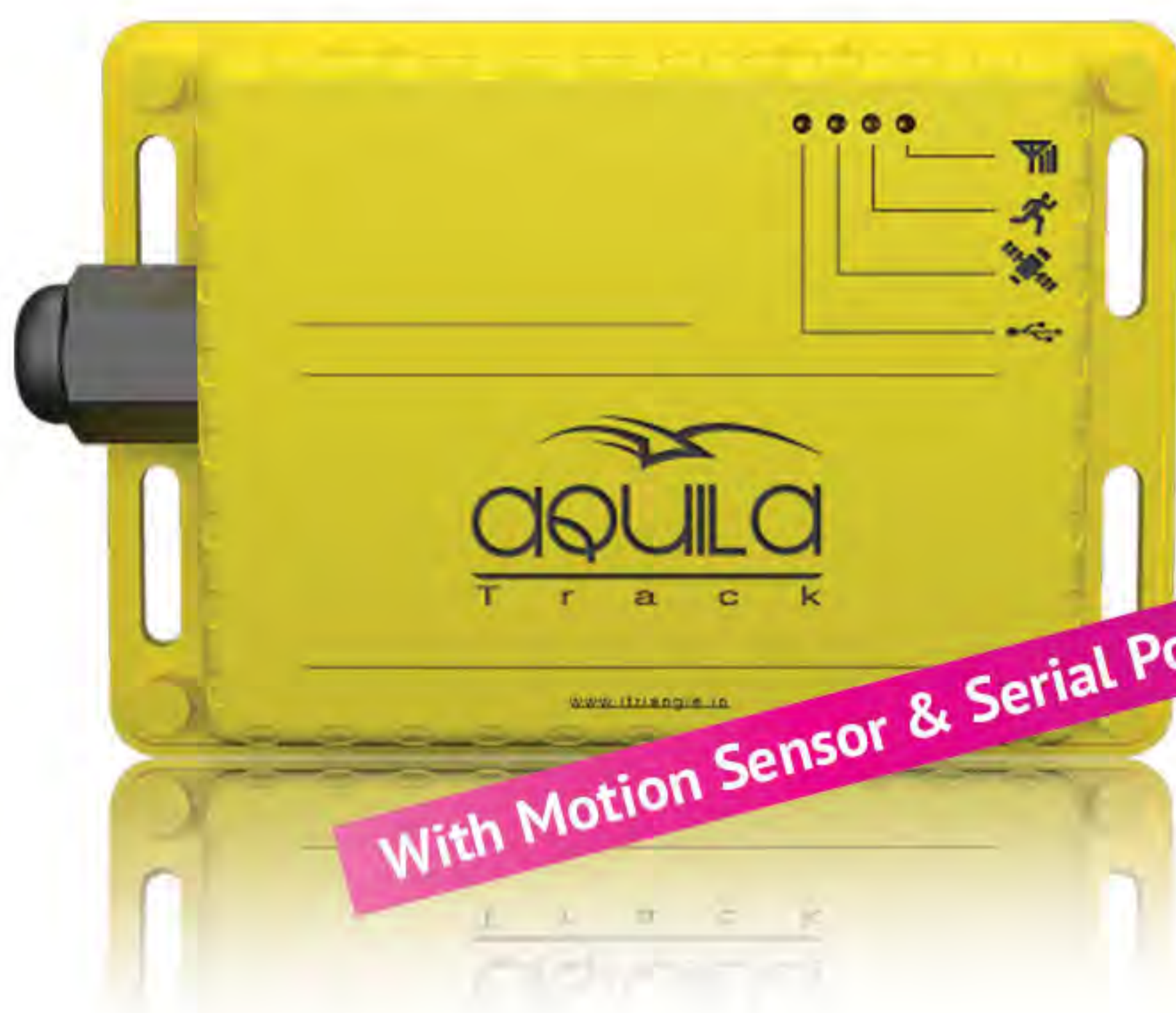# Vehicle Tracking & Monitoring Systems

* S 101

Features & Highlights:
Live/History Tracking,
Route Replay,
Parking, Daily/Monthly,
Distance Covered, Speed
Trip Report & other MIS Reports,
Over Speed Alerts.......

Optional Features :
Panic Button,
Vehicle Immobilizer,
Voice Communication,
Remote Fuel Monitoring,
Door Status Sensor,
Geo Tagging, Geo Fencing
& much more.......

Parameters	Description
GSM Module	Quad Band GSM, GPRS: class 10 / 12
GPS Module	66 acquisition-/ 22 tracking channels, Ultra high tracking/navigation sensitivity: -165dBm1
Antennas	GSM-GPS Internal Antenna
Communication Interface	TCP/IP on GPRS.
Record Storage/Buffer	5000 Tracking Records.
Ports/Interface	1-USB Device type, 1 Analog I/O and 2 Digital I/O, 1 Ignition ,1 Voice channel (optional)
Speed Sensor	GPS(default)
Motion Sensor	NA
LED Indication	Processing, GSM, GPS, USB Detection
Connectors	6 Pin power mate connector
Power Supply	Wide DC input voltage range (9V - 32V),
Internal Battery	1500mah, 5 to 8 Hr backup,
Enclosure	ABS Plastic Casing IP67
Temperature	Operating: -10°C to +55°C Storage: -10°C to +85°C
Dimension (mm x mm x mm)	98L x 73.1 W x 25 H in mm
Weight	160 grams

* U 101 V1

Features & Highlights:
Live/History Tracking,
Route Replay,
Parking, Daily/Monthly,
Distance Covered,
Speed/Overspeed
Trip Report & other MIS Reports,
Driving Behaviour Analysis

Optional Features :
Panic Button, RFID Reader
Vehicle Immobilizer,
Voice Communication,
Remote Fuel Monitoring,
Door Status Sensor,
Geo Tagging, Geo Fencing
& much more.......

With Motion Sensor & Serial Port

Parameters	Description
GSM Module	Quad Band GSM, GPRS: class 10 / 12
GPS Module	66 acquisition-/ 22 tracking channels, Ultra high tracking/navigation sensitivity: -165dBm1
Antennas	GSM-GPS Internal Antenna
Communication Interface	TCP/IP on GPRS.
Record Storage/Buffer	20000 Tracking Records.
Ports/Interface	1-USB Device type, 1 Analog I/O and 2 Digital I/O 1 Ignition, 1 Voice Channel, Serial Port
Speed Sensor	Real time(optional), GPS(default)
Motion Sensor	Accelerometer
LED Indication	Processing, GSM, GPS, USB Detection
Connectors	8 Pin power mate connector
Power Supply	Wide DC input voltage range (9V -32V),
Internal Battery	1500mah, 5 to 8 Hr backup,
Enclosure	ABS Plastic Casing IP67
Temperature	Operating: -10°C to +55°C Storage: -10°C to +85°C
Dimension (mm x mm x mm)	115 L x 80 W x 25 H in mm
Weight	165 grams

OBD

* **OBD**

Remote Vehicle Diagnostics System (Upcoming)

A GPS-GSM-RFID based Tracking and Monitoring System with OBD-II(On board Vehicle Diagnostics standards 2) interface, which adds remote diagnostics capabilities to our existing GPS Vehicle tracking platform.

Along with vehicle tracking data, other vehicle related parameters, and diagnostic information like Error codes, Real time speed, RPM, Fuel level, Real Time Odometer can be acquired through OBD-II interface and sent to server through GSM/GPRS for Processing.

With Current OBD-II interface becoming standardized with all the vehicle manufacturers, this solution opens up an opportunity to offer a wide range of services & applications to users and huge business opportunity within in automobile ecosystem.

Status: Under Field Trials
Expected to Market - Nov2014

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* **me safe**
Your Safety, First

Personal Safety & Alert System

* **sTay safe**
Your Safety, First

GPS-GSM Based Personal Track & Alert System

Using our data acquisition platform, we have two offerings in the Personal security and Safety domain, that basically offer security and safety solutions to Women, Senior Citizen, Medically Impaired, Children and High Risk Professionals. In today's world, personal security and safety is of paramount importance and our products offer an immense value proposition with several interesting and relevant features that provides monitoring , security and alert services to the users. These wearable devices offer some unique features that would go a long way to ensure preventive measures against impending dangers, loss of valuable items and help gain control over the movements and the location of the assets/persons.

School / Office Bags with Integrated GPS-GSM Based Track & Alert System

* *The Images displayed & features listed here are Indicative and may change as per exact requirements during implementation.*

CUSTOMISED BUSINESS SOLUTIONS

USING OUR PROPRIETARY REMOTE DATA ACQUISITION PLATFORM, WE HAVE CUSTOMIZED OFFERINGS FOR DIFFERENT DOMAINS. THESE SOLUTIONS ENABLE THE USERS TO MANAGE AND MONITOR THEIR ASSETS EFFECTIVELY AND PROFITABLY, AS PER THEIR REQUIREMENT; THEREBY INCREASING THE BUSINESS EFFICIENCY.

GPS-GSM-RFID BASED SAND MINING & MAJOR MINERALS TRANSPORT MANAGEMENT

GPS-GSM-SENSOR BASED ATM SECURITY SOLUTION

GPS-GSM BASED GENERATOR MONITORING

GPS-GSM BASED BANKING TRANSPORT SYSTEM

GPS-GSM-RFID BASED EMPLOYEE TRAVEL MANAGEMENT

GPS-GSM-RFID BASED TAXI DISPATCH & MANAGEMENT SYSTEM

GPS-GSM-RFID BASED MUNICIPAL WASTE PICKUP MANAGEMENT SYSTEM

GPS-GSM BASED VEHICLE TRACKING & MONITORING SYSTEM FOR EDUCATIONAL INSTITUTIONS

INTELLIGENT TRANSPORT SYSTEM WITH PASSENGER INFORMATION SYSTEM & ROUTE SCHEDULING/OPTIMIZATION AS PER JNNURM UBS-II

GPS-GSM-SENSOR BASED VEHICLE TRACKING & MONITORING FOR INFRASTRUCTURE AND CONSTRUCTION SOLUTION

Log on to : www.itriangle.in

Few of our Esteemed Clients...

Ordnance Factory, Ministry of Defence,

Krushi Vigyanan Kendra, University of Agricultural Sciences, Bangalore.,

2rajrifles, MEG Bangalore

Nandi Infrastructure Corridor Enterprises Pvt Ltd,Bangalore

Commercial Taxes, Karnataka

Escorts Ltd. Faridabad

GW. Precision Tools Ltd.Bangalore

INDIAN Air Force, Bangalore

Baldwin Boys High School, Bangalore

Tata Consultancy Services

Rolta India Ltd., Mumbai

Mysore Minerals Bangalore

Tatsuno India Pvt. Lt. , Maharashtra

& Many More...