



Case Study – Shipment Tracking System

Client Name: - HEG Limited, Bhopal (M.P.)

Problem Statement: - HEG limited approached XtraNet to overcome the challenges of the shipment tracking. There are lots of problems faced by HEG limited in their shipment tracking. XtraNet understood the problems and provided solution to overcome the problem.

The problem areas of HEG Limited are:

- Real Time GPS based Shipment Tracking
- Start Time of Shipment
- Delivery Time of Shipment
- Route of Shipment (tracking on map)
- Shipment Halt Report (Vehicle Halt Report)
- Total Distance Traveled by Shipment
- GPS Tracking History of Shipment on Map
- Shipment Tracking update via SMS
- Speed Alert of Shipment
- Offline and Portable GPS Tracking Device
- Large Battery Backup of GPS Tracking Device (15-30 days backup without charging)

XtraNet Approach: - XtraNet designed & developed the required solution and conducted Proof of Concept demonstration of Shipment Tracking Solution.

This solution overcomes all problems of shipment tracking of HEG Limited. With the help of this application HEG Limited can track the shipment in real time, check the live location of shipment, get the live GPS tracking of shipment over map, start and delivery time of shipment, distance travelled by shipment, average speed of shipment's vehicle, current location of shipment by SMS notification, shipment tracking history, offline and portable GPS tracking device, halt report of shipment, etc.

XtraNet Technologies Private Limited



Our Solution: - XtraNet has designed and developed Cloud based GPS Tracking System. It uses combined technology GPS & SMS tracking with flexible, advanced mapping and reporting web and mobile application.

A SMS & GPS enabled portable GPS tracking device is provided to collect & send tracking data via cellular networks. The device then delivers data to the Tracking System – Cloud based hosted application, which can be accessed through web at any time. Client can receive real-time GPS tracking updates including location, speed, date, time, battery-meter and other alerts. The battery backup of GPS tracking device is more than 30 days (in given conditions), so it is very useful for long shipment tracking. The GPS tracking device is also equipped with AGPS system for GPS blind areas.

Features of Shipment Tracking System

Shipment tracking features are mentioned below:

- Track single shipment vehicle and locate all shipment vehicle at a time
- Check shipment vehicle route
- Location data saving
- Nationwide coverage
- Notification, reports and alerts (Dispatched and delivered time of shipment, Halt report, Distance traveled report, Speed alert, etc.)
- Optional SMS tracking
- Optional SMS to vehicle's driver
- User Friendly GUI
- High Accurate
- Real time tracking 24*7
- Mobile Application
- Long battery backup GPS device