

# INFOTRACK – COMPLETE FLEET MANAGEMENT SYSTEM FOR LOGISTICS & TRANSPORTATION INDUSTRY



Infotrack has identified logistics and transportation industry as a key segment and has focused all its products and services around this domain. Infotrack has been involved in developing comprehensive logistics solutions based on location intelligence technology, addressing most critical concerns like fleet management, Real time data gathering, Security management, Remote monitoring and management, thus bringing improved efficiency in customers total outbound logistics monitoring, control, security, tracking, reporting and analysis requirements.

## SYSTEM MODULES



## SECURITY FEATURES

- Secured, encrypted communication between the vehicle mounting device and communication server.
- Optional dedicated leased line between the telco service provider and the infrastructure for the data protection.
- Secured infrastructure when configured using intranet network
- Firewall security between the host network and external access and support for vehicle immobilization.
- SMS based and e-mail based alerts.
- Browser based system without any client component.
- Authorized person can access the system anytime, anywhere.
- The control room supports multiple types of VMH units.
- Highly secured data transmission over public network, using proprietary protocol.
- supports any kind of telemetry inputs like fuel gauge, temp gauge, door sensor, impact sensor, RFID reader, fuel lid sensor, load sensor and driver identification using DALLAS button.
- Capacity to store records in case of GSM non availability.
- Proprietary raster or vector based map rendering map engine.

## HOW SYSTEM WORKS

- Infotrack is a web - based user - friendly GPS vehicle tracking and fleet management solution.
- The modular, flexible and scalable architecture can be adapted to any fleet size depending on customer needs.
- As standard, infotrack includes an in - built map engine with rich GIS features and comprehensive set of business reports.
- With optional RFID integration, the system can be extended to support applications including container monitoring, trailer identification and petro - chemical carriers.

# BENEFITS



- Dash boards for minute by minute updates on all important activities with summary information.
- Dynamic trip module to have real time data on the ongoing trips .
- Providing accurate odometer value which can be used for billing purposes, while dealing with transport providers.
- Optional routing module , scheduling module and planning module can be integrated with basic FMS systems .
- Automotive trip sheet generation, trip updates and bill generation.
- Driver performance reports, vehicle performance reports, Driver behaviour analysis and auto alerts on all above
- Alerts and minimize the paper work & manual intervention.
- Driver login facility to monitor driving time.

## Communication Module

- The communication module is the backbone of the application and it does all the communication between the control room and the vehicle mounted hardware unit.
- This uses a proprietary messaging protocol while sending and receiving the message to ensure that data is transmitted in a highly secured manner while using a public network.
- This module uses the GPRS network or iDEN network for data transmission and those areas where GPRS coverage is not there, it has SMS fall back mechanism.

## Control Room Module :

- The communicated data through the GPRS network would reach the communication server in the control room.
- This control room module takes care of over the air commands. These commands are like status request from the black box, changing the polling interval etc. The data polled from the vehicle will be pushed by the communication server to the database server.
- The application server contains the software needed to track vehicles loaded with the VMH unit . The latitude and longitude are integrated with the map of the place which provides the position of vehicle on your computer on a map.

## Reporting Module :

- All basic reports are available as part of the solution.
- Customized reports availability as per the business needs.
- Auto report generation and sending via e-mail automatically on schedule time.
- Optional availability of auto report generator where customer can build their own MIS reports.

## About Infotrack Telematics :

Infotrack Telematics is a joint venture between Infotrack Telematics Pte Ltd, Singapore and Zenrin datacom Co Ltd, Japan. Infotrack Telematics is a global leader in providing a GPS / GPRS tracking, Tracking and monitoring solutions for Logistics and fleet Management, Connected vehicles, Construction & Cement (RMC) Industry, E-Commerce & Logistics, Student Transportation, Taxi dispatch with a customer base in 16 countries. Zenrin is a public listed company in the business of providing GPS/navigation services /GIS products in Japan.

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