GFleet™

Intelligent Transportation Management System (ITMS)

GFleet™ is an all-purpose Fleet Management System suitable for various fleet sizes. Its integrated real-time track and trace features allow fleet owners to optimize their vehicles' operation and safety with a comprehensive level of control.

Fleet management companies depend on optimum utilization of their transportation resources to successfully run their businesses on the road. These companies often deploy their resources in the most efficient manner they know based on years of operation and accumulated experience.

However, without the benefits of an integrated Intelligent Transportation Management System to collect and consolidate fleet movement and vehicle information, and without the ability to finely control and schedule their moving assets, many companies have reached their manual prime, at which point they begin losing out to competitors. Industry peers will start offering lower price packages, better coverage and faster services, eating away at the market share of companies that don't adopt technology to keep up with the times.

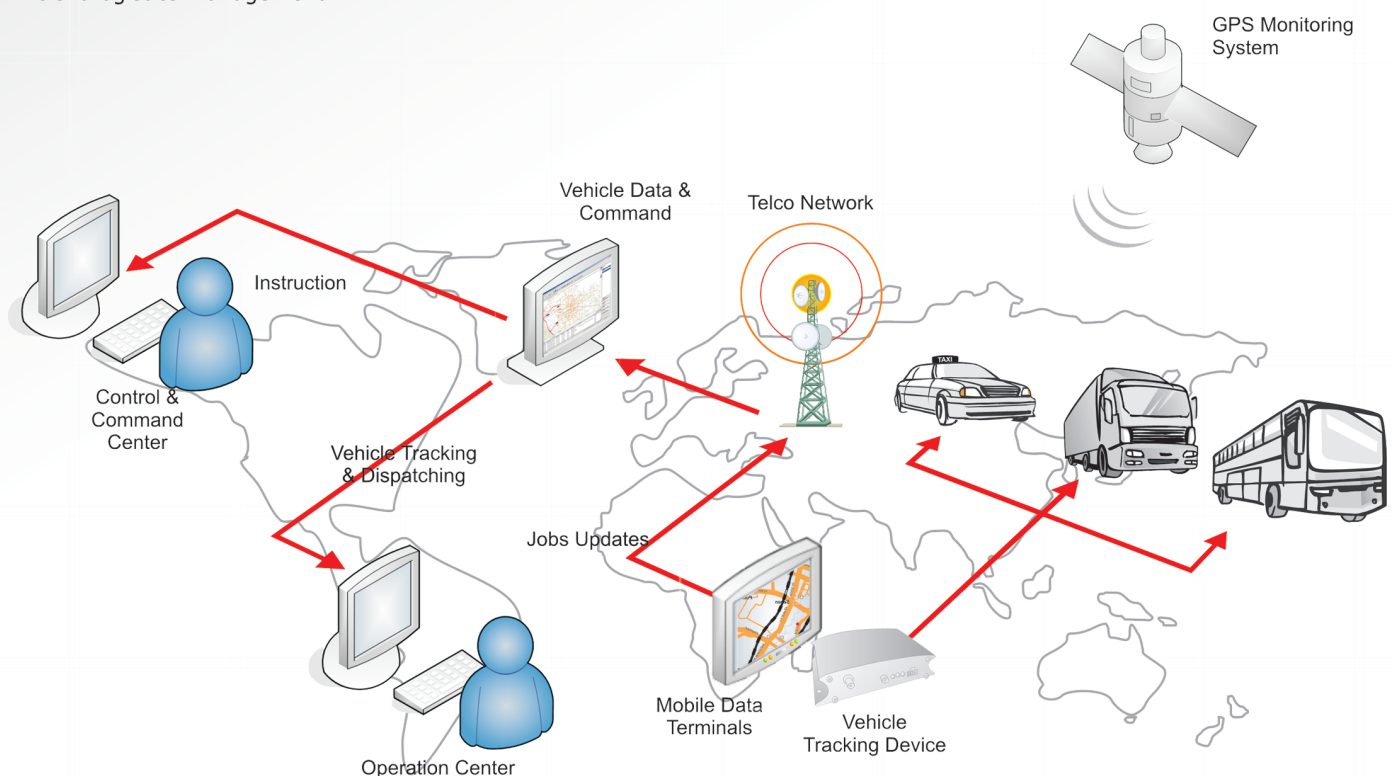For forward-looking fleet owners or service operators, there is GFleet™.

GFleet™ is a new generation Fleet Management System. It is called an Intelligent Transport Management System because it combines all pertinent LBS (Location-Based Services) technologies to form an integrated control and command platform.

Key Features

- Automated Vehicle Location (AVL) and CAD using GPS
- Map-based route planning
- GIS-based mapping control
- Extensive address search
- GEO-fencing
- Vehicle incident monitoring and alert

- Vehicle movement history playback
- GPRS and GSM support
- Web-based administration and fleet tracking
- Web-based path locator for route planning and optimization

Key Benefits

- Increased sales revenue
- Responsive customer service
- Efficient logistics management

- Reduced fleet operation cost
- Heightened vehicle security, regulation compliance and driver protection

GPS Monitoring System

Vehicle Data & Command

Telco Network

Instruction

Control & Command Center

Vehicle Tracking & Dispatching

Jobs Updates

Mobile Data Terminals

Vehicle Tracking Device

Operation Center

GFleet™

Intelligent Transportation Management System (ITMS)

GFleet™ is comprised of several software modules that perform role-specific functions within the Intelligent Fleet Management System.

GFleet™ CAD
• Gives the dispatcher an overall view of the fleet using a digital map
• Tracks the entire fleet or zooms in on a specific vehicle
• Plots vehicles on the map using the most current GPS location
• Includes pan and zoom capabilities for all objects on the digital map
• Searches for a specific location and zooms in on the searched result
• Plays back vehicle movement history
• Provides an information link between drivers and vehicles
• Allows dispatch incident handling for speeding, idling, etc.

GFleet™ Manager
• Vehicle creation and maintenance
• Driver creation and maintenance
• GFleet™ user creation and maintenance

GFleet™ Trip Planner
• Uses map to create and manage zones, routes and services graphically
• Handles the assignment of complex relationships between drivers, vehicles, zones and services for fixed-route fleets

GFleet™ Global Server
• GFleet™'s core backend engine
• Handles all communication data between front-end applications and vehicles
• Performs distributed database update

GGate (Global Gateway)
• Receives vehicle uplink data from field installed MDTs
• Packages and processes all data received before forwarding the information to the Global Server

GFleet™ Web
• Enables browser access to GFleet™ tracking over the Internet
• Enables distributed fleet control from different locations
• The Path Locator supplements Route Planning and Optimization
• No special software is required on the remote web client
• Provides management, operation and performance reports for fleet managers
• Supports Mobile Phone Micro Browser (Sony Eriksson P800/O2 XDA)

GT&T Engineering Pte Ltd

2 Ang Mo Kio Street 64, #04-02 Econ Building, Singapore 569084
Tel: (65) 6556 4112   Fax: (65) 6556 4321   Email: info@gtteng.com

www.gtteng.com