



Where Technology and Experience Work Together

Track Shield

VEHICLE TRACKING SYSTEM

TRACK SHIELD overview:

Track Shield allows you to track your driving activities and the serviceability of your vehicles. Increase profitability by decreasing the unnecessary wear and tear on your fleet vehicles.

A key benefit of Track Shield is that it offers Track Shields the opportunity to objectively evaluate driver performance - on every trip - based upon a consistent set of pre-defined scoring criteria. Drivers will know what success [looks like in terms of good performance and Track Shields will know how to identify their highest performing drivers.

Track Shield works with you to identify the key criteria that will define optimal driving performance and behavior for your fleet and business needs. Once the key criteria are identified, performance parameters are established by criteria and a mathematical algorithm is then created and stored in the reporting software to score each driver's performance during each drive session.

Track Shields now have an objective way of evaluating and tracking their drivers' performance and behavior out in the field. This tool has been effective in reducing fleet costs by 12% to up to 30% for its customers



Offline Data Logging

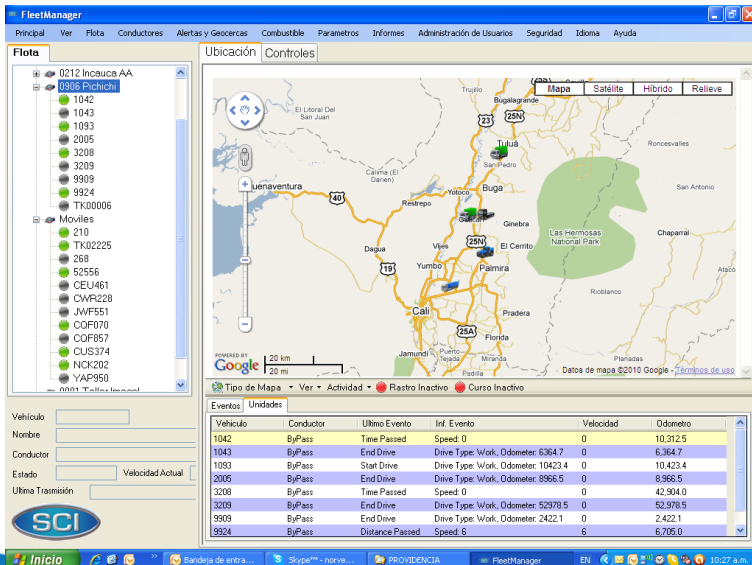
Allows you to monitor practically all of your driving activities and the serviceability of your vehicle. Increase profitability by decreasing the unnecessary wear and tear on your fleet. Provides users with vehicle service alerts, monitors driver speed at three levels, and records special events.

Offline GPS

Provides you with all the advantages of the Offline Data Logging system, with the addition of GPS functionality. With Track Shield's offline GPS system you will always have the assurance of knowing where your fleet has been and who they visited.

Online GPS, AVL and Mobile Productivity

Provides you with a total solution. This has all of the features and functionality of the Offline Data Logging and Offline GPS systems PLUS continuous online communication, Automatic Vehicle Location (AVL) and the ability to increase your workforce's productivity. Workforce productivity is optimized by integrating automated business functions from headquarters into the vehicle using a PDA to display the information.



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Every time the vehicle is started, Track Shield collects the following data:

- Who was driving
- What day and what time
- How long it took him to get there
- The delivery/ Job / Sales number
- The customer he visited and the route taken
- How many miles traveled
- The vehicle's idling time / stop time
- Excess speeding / acceleration / braking
- With GSM On line communication, current location and events are automatically reported

Real-time features*:

- Locate specific address on map and automatically locate the vehicle closest to a specified address
- Replace street addresses with customer location names
- Select to view one, several or a fleet of vehicles on the screen
- Reporting features by driver ID
- Trip initiation including end time and mileage counter
- Maximum speeds and total time exceeding speed limits
- Idling time
- Acceleration/deceleration
- Driver Performance Score by trip
- Black-box analysis -the five minutes before the accident are recorded in one second increments to facilitate post-event analysis
- Analytical and Planning features
- Route analysis by trip and driver of actual routes vs. optimal routes
- Cost per trip, miles per gallon, vehicle performance

Customer Benefits*:

- Complete vehicle alarm and immobilizer
- Engine failure prevention mechanism
- Driver performance scoring and tracking provides fair and objective feedback to ensure safe driver performance
- Accident analysis report
- Onboard time control for driver's over time
- Log events on activity like back doors opening etc
- Automatic report for arrival time at customer's location and time spent there
- Automatic hands-free data downloading
- Automatic Fuel control
- Automatic customer billing
- Increase customer's satisfaction
- Eliminate unauthorized vehicle usage
- Control vehicle usage after business hours
- Systems are compatible with any type of vehicle and can be adapted to unique customer requirements
- GPS mapping interface by Microsoft MapPoint
- Destinator PDA navigation software provided by Homeland Security Technology Corporation
- Destinator navigation software provides state of the art navigational assistance to drivers
- GPS communications via 12 separate satellites and updates every 30 seconds
- GPS and AVL technologies provide real time route planning and online communication between the vehicle and the central office
- Optimize vehicle maintenance and cost management with vehicle diagnostics
- much more...