

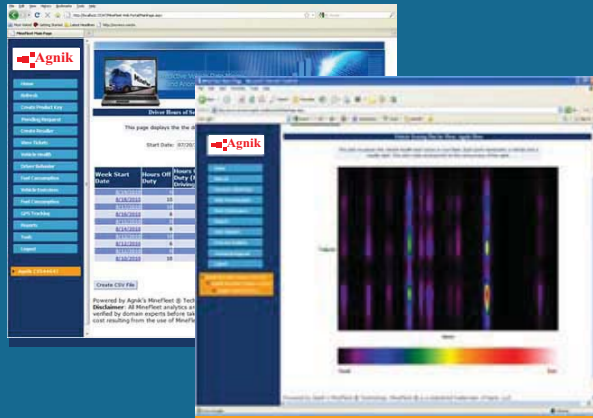


MineFleet®

What is MineFleet®?

Vehicle Informatics for smarter people, systems based on Advanced Data Analysis and Modeling.

MineFleet® Software is designed for commercial fleet owners and fleet management companies who want the power of advanced predictive vehicle data mining for dramatically reducing the operating costs. It offers a powerful onboard data stream mining software for modeling, benchmarking, and monitoring of vehicle health, emissions, driver behavior, fuel-consumption, and fleet characteristics.



MineFleet® Vehicle Performance Heat-map.



Driver Behavior Monitoring

Predictive Health Monitoring

Advanced Emission Monitoring

Hours of Service Reporting

Optimize Fuel Economy

Maintenance Data Mining

AGNIK RECIPIENT OF 2010 FROST & SULLIVAN AWARD FOR ENABLING TECHNOLOGY OF THE YEAR



"Agnik, LLC is emerging as a leader in commercial vehicle telematics focused data analytics"----Frost & Sullivan" Best Practices Research Report, 2010.

Frost & Sullivan 2010 Enabling Technology of the Year Award Winning Technology.



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What MineFleet® Offers?

- ▶ Reduce fuel cost using smart fuel consumption analytics.
- ▶ Advanced predictive vehicle health monitoring using data mining technology.
- ▶ Optimize driver behavior by quantifying the effect on vehicle performance.
- ▶ Go green by reducing emission using MineFleet® Emission Analytics.
- ▶ Advanced fleet analytics for comparing and contrasting vehicles.
- ▶ Advanced decision support tools for trend analysis and anomaly detection.
- ▶ Web-service-based integration of MineFleet® Analytics with your application.



MineFleet® Hours of Service Reporting.

Why Use MineFleet®?

Fuel Efficiency Analytics

- ▶ Current average fuel economy.
- ▶ Fuel economy history, trend analysis, and significant change detection.
- ▶ Total fuel consumed during a chosen time period.
- ▶ Fuel Savings Calculator: Quantify effects of speeding, acceleration, and vehicle health on fuel economy by predictive modeling.
- ▶ Policy-based fuel efficiency monitoring and alert generation.
- ▶ Fuel Tank Level Analytics for detecting fuel tank fill-ups and fuel-thefts.

Health Monitoring using Predictive Data Mining

- ▶ Vehicle health scoring.
- ▶ MineFleet® fault-codes that provide specific vehicle diagnostic information with high confidence.
- ▶ Warnings generated by Agnik's proprietary library of advanced health tests running onboard the vehicle.
- ▶ Detecting vehicle health problems causing poor fuel economy.
- ▶ Extensive health reports of various types.

Driver Behavior Analysis

- ▶ Driver performance scoring based on accelerometer, OBD, GPS and contextual information.
- ▶ Comparative cluster analysis for detecting unusual, anomalous driving.
- ▶ Policy-based alerts for driver behavior.
- ▶ Percent of time spent idling.
- ▶ Total drive time and distance traveled by each driver.
- ▶ PTO usage reporting.
- ▶ Policy-based speeding, acceleration, and braking behavior reporting.
- ▶ Generate various types of reports on driver behavior.

Fleet Analytics

- ▶ Compare and benchmark vehicles in the fleet.
- ▶ Compare drivers across the entire fleet.
- ▶ Identify all vehicles showing specific problems.
- ▶ Identify drivers with specific driving characteristics.
- ▶ Comprehensive report for the entire fleet.

Onboard Emissions Analysis

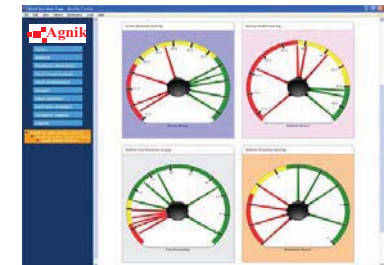
- ▶ Smog/Emission Check.
- ▶ MIL Light status.
- ▶ Checking of emissions subsystems.
- ▶ EPA Smartway Greenhouse emissions scoring.
- ▶ NOx, CO₂, CO and HC monitoring.

MineFleet® Hours of Service

- ▶ MineFleet® Onboard is an Electronic On-Board Recorder (EOBR) fully compliant with the DOT and FMCSA regulations for monitoring Hours of Service (HOS) and reporting driver status to electronic driver logs.
- ▶ MineFleet® Onboard eliminates handwritten driver logs and easily records driver duty status electronically.
- ▶ MineFleet® EOBR collects the GPS and engine diagnostic data from the vehicles data port and automatically sends the driver's status to the vehicle-onboard devices and the web server over wireless networks.
- ▶ The HOS analytics visually display the driver logs on the onboard devices or on the web for roadside inspection.



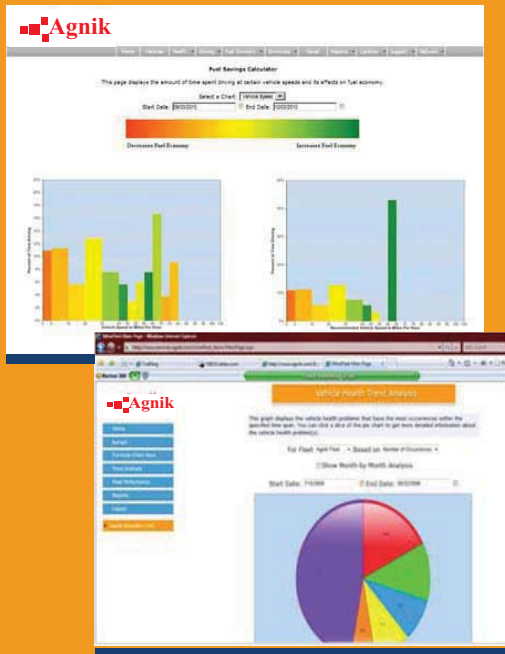
Web Interface for Emissions Monitoring.



MineFleet® Scores Your Drivers, Vehicles, Fuel Consumption and Emission Performance.

What is MineFleet[®] Onboard?

MineFleet[®] is powered by Agnik's unique patented onboard data stream mining technology---MineFleet[®] Onboard. It analyzes data onboard the vehicle and sends the resulting analytics to the server over the wireless networks. The onboard data analysis dramatically reduces the wireless communication cost. MineFleet[®] Onboard is ported to many popular third-party modems. MineFleet[®] Onboard can also be deployed using Agnik's DMP-platforms with many third party modems that do not come with built-in integrated MineFleet[®]. MineFleet[®] Onboard is also available on many different handsets and smartphones.



MineFleet[®] Web Services.



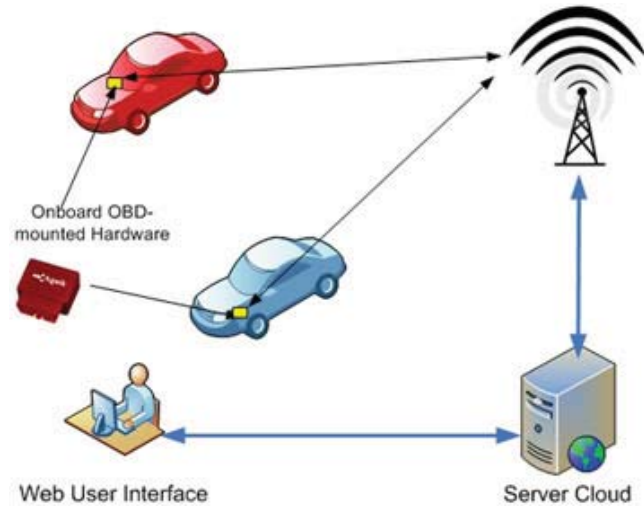
Onboard Handset or Mobile Data Terminal-Based Interface.

Maintenance Analytics

- ▶ Manufacturer recall alerts.
- ▶ MineDeep[™] plug-in for correlating maintenance information with diagnostic information.
- ▶ Cost for maintenance per miles analysis for identifying vehicles that are expensive to maintain.
- ▶ Detecting unusual high cost maintenance operations and linking those to diagnostic information.

MineFleet[®] Architecture

- ▶ Plug-n-play Capability: MineFleet[®] comes as an integrated solution with many popular third party modems. MineFleet[®] also can be used as an plug-n-play with many other modems using Agnik's DMP platform. Connect any commonly used third-party modem with the Agnik's DMP platform using a serial, USB or Ethernet cable. You are good to go in five minutes after configuring the DMP and the modem.
- ▶ Portability: MineFleet[®] Onboard can be run on third party hardware platform. It has already been ported to many devices with Windows, Linux, and other embedded operating systems.



Main Differentiating Factors

- ▶ Comprehensive decision support for vehicle health---way beyond DTC code reading.
- ▶ Advanced fuel consumption analysis---linking vehicle health and driver behavior with fuel consumption.
- ▶ Benchmarking/Depreciation Analysis: Leasing/Insurance industry needs.
- ▶ Advanced driver behavior scoring combining GPS, OBD, and accelerometer data; hours of service reporting and correlating driver behavior with maintenance data.
- ▶ Advanced emission scoring: NOx, CO, CO₂, HC analysis, EPA SmartWay emission and air-pollution scoring, comprehensive carbon footprint monitoring.
- ▶ Open architecture: Allows integration with many GPS tracking and fleet management software.
- ▶ Intellectual Property: MineFleet[®] is backed by strong patents on vehicle data mining for onboard and distributed fleet environments.
- ▶ Analyzes data onboard the vehicle instead of at the remote server.

Wide Range of Hardware Choices

MineFleet[®] is available on many different types of hardware platforms ranging from blackbox devices to plug-n-play easy-to-install dongles. MineFleet[®] supports both light and heavy duty vehicles. MineFleet[®] is also available on Bluetooth dongles (for both light and heavy duty vehicles) that work with Bluetooth enabled Cell-phones. If the phone has a data plan then you don't need any additional data plan. Stand-alone dongles come with built-in wide-area wireless modems. MineFleet[®] is also available on many third-party wireless modems and tracking devices.

MineFleet[®] Web Services

MineFleet[®] Analytics can be viewed using the stand-alone server or client program and the web portal. Web-service API functions can also be used for embedding the analytics within your own applications.

- ▶ View summary of all alerts for your entire fleet.
- ▶ View MineFleet[®] generated vehicle and driver analytics alerts anytime using the web.
- ▶ The alerts are updated real-time.