

Lower Your Company Costs While Helping Preserve the Environment

Protecting the environment is one of the fastest growing concerns for companies with field technicians or drivers. Whether your company is large or small, vehicle use means creating CO₂, a leading contributor to global warming.

It is important to understand the environmental impact caused by burning excessive fuel and why saving fuel is not only better for your company, but also for the future. Reducing your carbon footprint means you burn less fuel, saving your company operational costs by decreasing your mileage, reducing your vehicles' idling time and planning more efficient routes.



The Importance of Pro-Active Sustainability

The consequence of using gas-powered vehicles is a global concern. Each gallon of gasoline burned results in 20 pounds of CO₂ released into the air. Some European countries have passed laws regarding Low Emission Zones in many cities, hoping to improve the air quality for the people who live there.

The U.S. is also currently considering adopting similar federal regulations, while many states have already implemented their own, such as the Californian Executive Order to reduce the carbon intensity of transportation fuels sold in the state by at least 10 percent by 2020. Washington and Oregon have also implemented comparable regulations.*

The impact of increased regulation and the ongoing instability of energy prices are an issue for any company who has a fleet of vehicles. In the near future, companies may be required to buy and use fleet vehicles that have a lower environmental impact.

Green fleet management offers more than controlling your fuel costs. It offers a way to promote safe, efficient driving while:

- Minimizing fuel consumption and exhaust emissions
- Reducing the amount of traffic by more efficient routing
- Increasing the number of jobs performed per day using less fuel

Making the Change to Pro-Active Sustainability Helps Your Company Save Money

Running an inefficient fleet can mean additional costs of up to 35% which hits your fleet business where it hurts – on the bottom line. High fuel prices, vehicle maintenance, insurance, speeding fines and parking tickets all impact your company's operating expenses. By using fewer resources and more efficient routing, your company saves money.

The financial benefits are even better when you add in environmental considerations over the long term:

- An environmentally aware company is more attractive to potential customers and investors.
- Less overtime allows mobile workers to decompress more often and drive more safely.
- Lower fuel costs allow you to invest company profits into new equipment and technology to help your company grow.
- New state and insurance incentives are available to encourage carbon emissions reductions.

Simple Steps to Become More Eco-Friendly

Improving the environmental efficiency of your company's fleet is simple; you can begin by examining your current business practices, such as driving behavior, vehicle maintenance and fuel use. After identifying the changes that can be made, you can create company policies that encourage environmentally friendly practices, then begin training your mobile workers to use these policies in the field.

The most obvious way to reduce your environmental foot print is through fuel management since using less fuel means fewer emissions as well as reduced operational costs. Training your mobile employees about inefficient driving practices, like not speeding and less idling, also helps lower fuel costs.

You can also reduce fuel consumption by:

- Managing vehicle routes to reduce mileage
- Encouraging safe driving practices by monitoring your mobile workers' driving behavior
- Decreasing fuel costs, emissions and mileage by reducing off-hours use of company vehicles
- Monitoring scheduled vehicle maintenance to help keep your vehicles running efficiently, which uses less fuel and helps avoid costly breakdowns
- Scheduling efficiently to use fewer resources to complete more jobs per day
- Assigning new jobs to the mobile worker closest to the address

Trimble Mobile Resource Management Solutions Help You Become Environmentally Friendly

Trimble Mobile Resource Management (MRM) helps you bring pro-active sustainability to your company while decreasing your operational costs and increasing your mobile workers' productivity.

Trimble Vehicle Tracking Solutions can help you take the first steps toward becoming a more environmentally friendly company. Reducing fuel consumption, travel times and vehicle mileage as well as performing regular vehicle maintenance helps your company dramatically reduce its CO2 emissions while saving money.

Trimble MRM helps you minimize your carbon footprint by:

- Reducing engine idling by as much as 2 hours per vehicle per day
- Cutting CO2 emissions potentially by 2,500 to 7,500 pounds per vehicle
- Saving up to 19% in miles-per-gallon
- Decreasing the environmental impact and cost of vehicle disrepair
- Monitoring unauthorized fuel usage
- Improving vehicle routes to increase technician productivity by up to seven percent

Part of a Complete MRM Solution

Trimble end-to-end MRM solutions address each aspect of a company's need for managing its mobile resources.

- Manage the Mobile Worker through Fleet Productivity & Management solutions like GeoManager.
- Manage the Mobile Worker's Work with Mobile Field Service & Sales solutions like Taskforce and Performance Manager.
- Manage the Mobile Worker's Assets with Field Asset Management tools like Vehicle Diagnostics, Vehicle Maintenance and Sensor Solutions.

MRM solutions are flexible and scalable, growing with your business as you require new ways to manage your employees, their time, your inventory and your vehicles.

* As reported on the official Office of the Governor web site at <http://gov.ca.gov/executive-order/5172/> on January 18, 2007.

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Trimble MRM
47071 Bayside Parkway
Fremont, CA 94538
Tel: 1-877-728-7623
www.trimble.com/mrm

Trimble MRM, Ltd. (EMEA)
North Felaw Maltings
48 Felaw Street
Ipswich IP2 8PN, United Kingdom
Tel: 44 (0) 1473-696-300
www.trimble.com/uk/mrm

Trimble MRM (APAC)
Trimble Navigation Ltd.
A102, 244 Beecroft Road
Epping NSW 2121, Australia
Tel: 61 (2) 98127900
www.trimble.com/mrm

Trimble MRM (China)
311 Fute (M) Road
Wai Gaoqiao Free Trade Zone
Pudong, Shanghai 200131
Tel: 86-21-5046-4200
www.trimble.com.cn