

eBook

# 4 Ways Telematics Can Improve Fleet Maintenance

verizon<sup>✓</sup>  
connect



## **Companies that manage a fleet of vehicles can benefit from evolving fleet technology.**

There's no reason to let maintenance consume your fleet management efforts, whether considering cost containment and staying within budget or vehicle uptime and productivity. As technology becomes more sophisticated across vehicle class segments, the skills and parts to maintain them are incrementally becoming more expensive.

In some cases, parts take longer to service or require electronic diagnostics, whereas their older counterparts did not. Combined with skilled-technician shortages, all of this means that maintenance can be difficult to manage.

A comprehensive fleet management system can minimize the complexities of managing vehicle maintenance. When the system tracks service schedules and provides alerts and reminders for you, your mechanics can focus on the job at hand.



1

# Manage vehicle health with trouble-code alerts

Monitor the health of your vehicles at all times, and see any active diagnostic trouble-code (DTC) alerts. This information can include engine functions like battery voltage, coolant temperature, powertrain malfunctions, intake-valve issues, oxygen-sensor problems and more.

Receiving this data can help get vehicles into service before a major repair is needed or a breakdown occurs. You can also proactively plan vehicle-maintenance schedules to maintain productivity and even help extend the life of fleet vehicles.

---

## Did you know?

Using telematics can help you get **25% more use** out of your fleet vehicles. Monitor vehicle health and trouble code alerts to help increase vehicle uptime.





# Get accurate reports on vehicle health with extra data

Mileage on its own does not provide a complete picture of actual wear and tear on a vehicle's engine and components.

Extra data points from a fleet management system can give you a clearer picture of a vehicle's condition and its actual maintenance needs.

## **Engine hour tracking**

Excessive idling can have a negative impact on a vehicle's life cycle, and engine hour tracking can tell exactly the total time a vehicle's engine has run.

## **Rough driving**

Harsh cornering and jackrabbit starts can accelerate tire wear.

---

## **Did you know?**

**With fleet management software you can monitor uneconomical driving, helping reduce unnecessary idling by 30% and overall fuel consumption by 25%.<sup>1</sup>**

3

## Streamline maintenance and labor costs by tracking service records

For a fleet with a lot of vehicles operating over a wide area, tracking service records using fleet management software can provide more effective control and better efficiency.

Scheduling control can mean getting a better look at maintenance intervals. For example, combined with an oil analysis, this data can give fleets the information they need to extend oil-change intervals or adjust service intervals for severe-duty vehicles.

---

### Did you know?

**Telematics has been proven to increase productivity by 15%.<sup>1</sup> With up-to-the-minute vehicle-health data you can help reduce maintenance downtime and keep mobile technicians busy.**



4

# Extend the life of your vehicles with route optimization

Using a fleet management route-planning tool, driver routes can be optimized to help reduce miles driven. This means less wear and tear, and that can have a direct impact on maintenance costs and the life of the vehicle.

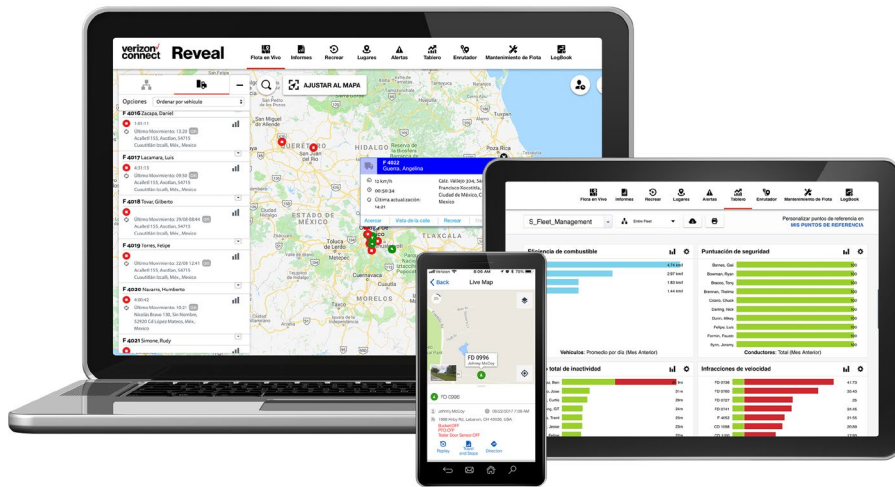
**Did you know?**

**Fleets that use telematics typically see a 10% reduction in total miles driven.<sup>1</sup>**

1. Source: "Benefits After Effective Deployment of Fleet Management System" Frost & Sullivan 2015.



# Ready to make a move?



“ Even with an increased fleet size, by having 90% preventative maintenance compliance, we are spending 10%-15% less in repairs every month. We are just doing those things at the right time.”

Jim Liverseed, Director of Facilities and Fleet Operations

To learn more about how our fleet management solutions can benefit your organization, visit us at [verizonconnect.com](http://verizonconnect.com) or call 866.844.2235.

