



Driver Safety - A Guide to Reducing Risk





Starting Your Journey to a Safer Fleet

Reducing risk starts by understanding what constitutes good and bad driving behavior, knowing the key performance indicators that will enhance driver safety, and being aware of the technology that is available to help understand and mitigate driver risk. With so much potential risk for drivers who are out on the road on behalf of your company, it is important that you partner with the right fleet management provider to help improve the ways you promote driver safety.

Maintaining the safety of your drivers and reducing the total cost of ownership of your fleet is of paramount concern to you and fellow stakeholders in your organization. This guide to reducing risk is designed to help improve fleet safety, develop a culture of safety within your organization, and extend the life of your fleet.



Driving Behaviors That Impact Risk

It may seem obvious, but, to start, it's helpful to keep in mind which driving behaviors reduce and which increase risk. Below is a summary of risk mitigating and risk inducing behaviors that you should be watching for across your fleet.



Risk-mitigating Driving Behavior:

- Recognizing signs of fatigue and pulling over to rest before continuing the trip
- Adhering to the posted speed limits, stop signs, and traffic signals
- Conducting pre- and post-trip vehicle inspections
- Using an app with an automated reply to tell people the driver will respond to their incoming text messages later, only when it is safe to do so
- Eating at established mealtimes while parked rather than trying to dine on the go



Risk-inducing Driving Behavior:

- Getting behind the wheel while fatigued or impaired
- Using a phone while driving creates risk, which is heightened when the driver isn't using hands-free and is even worse if making video calls
- Driving while angry or when otherwise upset to the point of distraction
- Taking sudden and unpredictable actions such as lane changes and harsh braking

KPIs to Improve Driver Safety

The first step to improving driver safety is knowing which metrics to capture and creating a plan on how and when to report the desired KPIs. Key performance indicators are invaluable for monitoring the impact of your driver safety program.

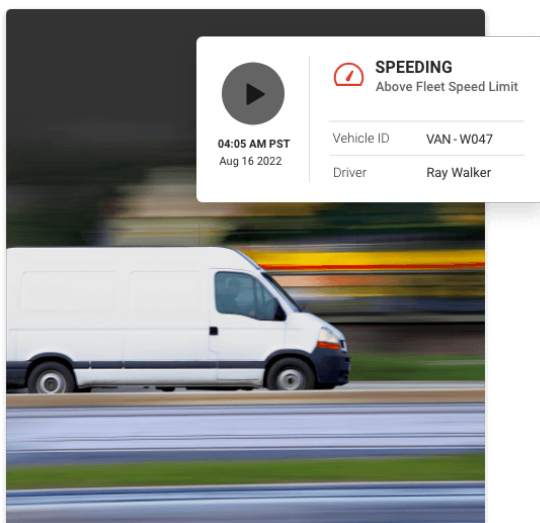
To support your commitment to driver safety, you'll be glad to know that a telematics solution can help you measure key performance indicators and gain a clear picture of driver performance. The latest solutions enable you to digitize coaching and incentive programs, to help drivers identify and correct high-risk actions.

Important KPIs that you can keep track of to help your drivers improve their performance include:



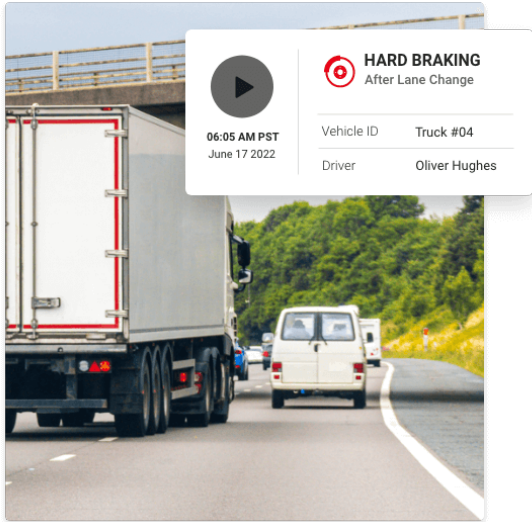
DISTRACTED DRIVING EVENTS

Drivers must keep their hands on the wheel, their eyes fixed on the road ahead and be aware of what's happening around them. This means they must focus without distractions, such as writing or reading text messages or scrolling through social media. You can measure these KPIs with AI-enabled dashboard cameras in the vehicle.



SPEEDING EVENTS

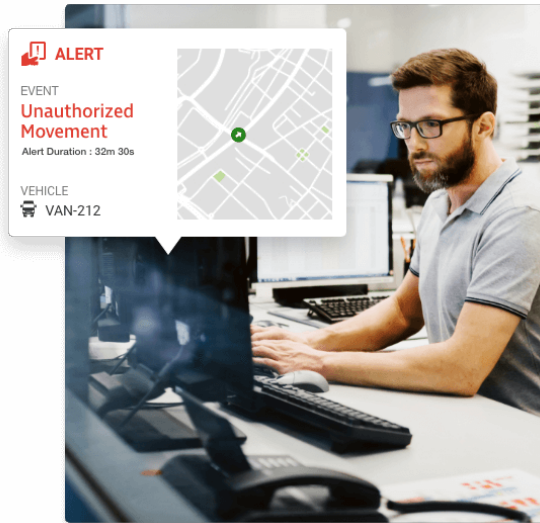
Ideally, your drivers will consistently obey posted speed limits when transporting items for your organization. Speeding is an important KPI to track with your onboard telematics solution. Fleet managers can compare driver speeds with posted speed limits and set alerts based on their own thresholds. In addition to safety, reducing speeding events will also help to decrease fuel spend and is an important environmental KPI.



AGGRESSIVE DRIVING BEHAVIOR

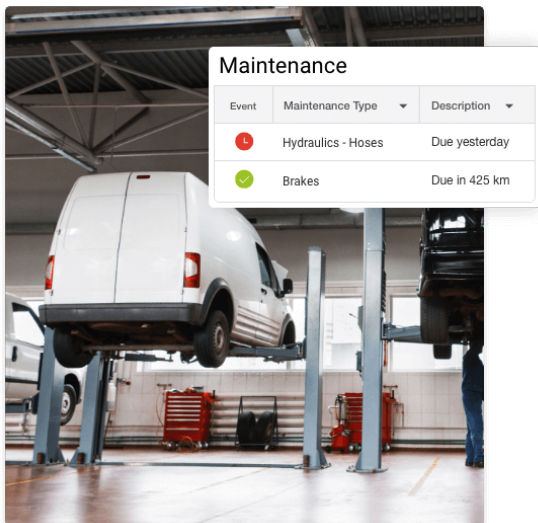
Be aware of incidents when a driver engages in behavior counter to your safety goals, such as harsh cornering, aggressive acceleration, or heavy braking

In addition to impacting safety these actions also affect vehicle lifespans and increase maintenance costs.



UNAUTHORIZED USE EVENTS

Unauthorized use puts your business at risk as the possibility of accidents or theft can increase. To prevent drivers from operating a vehicle outside of authorized work hours, you'll want to track vehicle movements outside of established work schedules.



PRE- AND POST-TRIP INSPECTIONS

Ensuring your drivers are conducting pre- and post-trip inspections is a critical component of fleet and driver safety. Monitoring and reporting on these inspections and ensuring they are completed in a timely manner is key.



Understand Driver Behavior

A firm understanding of driver behavior and how certain behaviors add or reduce risk is vital to building a comprehensive driver safety program. Telematics helps drivers recognize poor driving behaviors in real-time so that the actions can be corrected before an incident occurs. Reports can be generated to highlight repeat offenses and help managers understand the circumstances under which certain behaviors are prevalent.

A solid program that has buy-in at the highest levels will see better adoption and help companies improve safety records, which can boost your brand and position your business to win more contracts.

Using telematics technology helps you monitor every vehicle in real-time which helps you build a profile of driver risk, keep on top of maintenance needs and ensure drivers are not exceeding drive time regulations.

This is achieved through



Driver Scorecards

Capture and assign scores for positive and negative driving behaviors, and use this information to create rewards and recognition programs.



Digital Inspections

See maintenance and other vehicle safety issues in real-time with digital inspections that won't get lost in a stack of papers.



Smart Dashcams

Get better context into the driving behaviors that are increasing risk across your fleet with HD 360-degree views.



Maintenance Planning

Get better visibility into routine and unplanned maintenance needs and keep your vehicles safe and on the road longer.

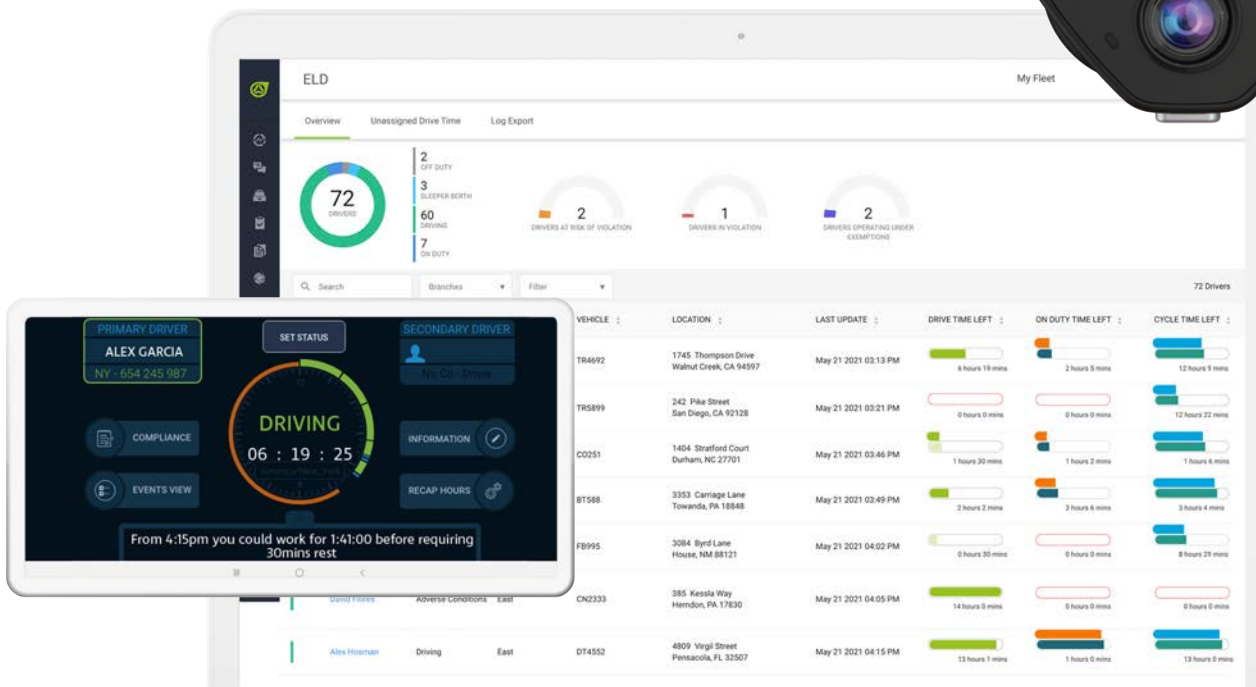


Tackling Driver Fatigue With Technology

Technology is getting faster and more powerful, providing instant access to information that can help prevent safety incidents and keep drivers and all road users safe. This is especially true with fatigue management, where digital transformation is providing new levels of insight to help operators plan more effectively within hours service regulations.

With the ELD mandate well established qualifying operators will be familiar with electronic logging devices and digitally capturing driver hours data. Users of the more advanced solutions will also have access to driver hours management dashboards that provide operators with the visibility to safely and effectively assign jobs to their team.

In addition to hours of service management, video telematics is now providing new insight to help manage driver fatigue. With the latest AI cameras, signals of driver fatigue such as frequent yawning or looking down can be detected and acted on before a safety incident occurs. The capabilities of video telematics are growing at pace and the technology will soon become an integral part of a fleets driver risk management plan.





START TO BUILD A CULTURE OF SAFETY

Connect with us today to learn more about Teletrac Navman's technology and how it can help you to build an effective driver safety program in your business.



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