

3 Reports to Improve Fleet Safety

No matter how important it is to save time and money in a fleet operation, keeping drivers and our roads safe is of utmost importance. The good news is you can have it all with reporting tools that help identify risky driving behavior and vehicle defects all while streamlining operations.

Read on to see samples of some key safety reports that are already helping fleets of all sizes improve safety in new ways.



Why Is Accident Severity Modeling So Important?

The Obvious

Predicting severe accidents means saving lives. When fleet managers are able to use models to predict which drivers are most at risk for severe accidents and take measures, they are saving lives and keeping the roads safer. What's more? Predicting accidents helps save companies from the high costs associated with accidents including repairs, insurance, third-party damages, litigation and punitive damages, damage to customer freight and service levels, loss of vehicle productivity, and administrative burdens.

The Not-So-Obvious

You know that severe accidents are costly, but they are likely even higher than you think. Omnitracs data shows that 88 percent of the cost of claims stems from just 22 percent of the accidents, and those severe accidents have an average cost nine times higher than the all-client, all-accident average cost of accidents.

What You Can Do About It

Start preventing accidents by understanding the risk factors of each of your drivers. Omnitracs Analytics Accident Severity Model (ASM) provides a proactive and targeted approach to risk avoidance for fleets of all sizes. Utilizing Hours of Service data and thousands of other data points, ASM identifies the highest risk drivers who are most likely to be involved in a serious accident, enabling proactive intervention to prevent accidents from happening.

Driver Manager: Any Fleet Manager: Any
Category: Any
Driver Name contains: Driver ID contains: Board:
Score: From Any To Any Score Date: Any
 Incomplete Plans Only High Fatigue Only Export
Go Reset

Displaying 1-18 of 18 records

Driver Name	Driver ID	Board	Driver Manager	Fleet Manager	Score Date	Current Score	Action Plan Created
Dave Brent	10010	BOS1	Bobby Palmer	J Taylor-Clark	Jan 26, 2015	100.00	-
Tim Canterbury	10020	BOS1	Bobby Palmer	J Taylor-Clark	Jan 26, 2015	100.00	-
Garreth Keenan	10030	BOS1	Bobby Palmer	J Taylor-Clark	Jan 26, 2015	100.00	-
Chris Finch	10050	STLMO	Alfred Greenwath	J Taylor-Clark	Jan 26, 2015	98.00	-
Richard Howard	10060	STLMO	Alfred Greenwath	J Taylor-Clark	Jan 26, 2015	93.00	-
Steve Merchant	10070	STLMO	Alfred Greenwath	J Taylor-Clark	Jan 26, 2015	92.00	-
Phillip Wyatt	10080	STLMO	Alfred Greenwath	J Taylor-Clark	Jan 26, 2015	92.00	-
Malcolm Hakeley	10090	STLMO	Alfred Greenwath	J Taylor-Clark	Jan 26, 2015	91.00	-
Tony Whiting	10100	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	88.00	-
Oliver Jordan	10110	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	87.00	-
Phillip Macintosh	10120	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	73.00	-
Dean Tinsley	10130	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	72.00	-
Joel Beckett	10140	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	71.00	-
Todd Packard	10150	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	71.00	-
Robert Hooper	10160	SANDCA	Joseph Paulen	J Taylor-Clark	Jan 26, 2015	64.00	-

This report clearly shows drivers with high accident risk so you can prioritize safety intervention resources.

Based on a ten-year study of nearly 208,000 crashes, the Accident Severity Model has the proven ability to accurately predict 90 percent of severe accidents in the 50 percent of drivers deemed to be at highest risk. As helpful as it is accurate, ASM allows fleets to drill into drivers to see the specific reasons for the score, and receive customized remediation plan recommendations. ASM helps you understand and address driver fatigue, resulting in a safer, more efficient fleet and increased driver satisfaction.

To learn more about how the Omnitracs Accident Severity Model, watch this video.





Why Is Critical Event Reporting So Important?

The Obvious

A critical event — such as harsh braking, rapid acceleration, or hard cornering — often indicates poor driver behavior. Reporting on critical events means you're identifying the risky behavior that causes them. Left unchecked, these behaviors can lead to severe accidents. With organized reports, fleet and safety managers know exactly where they need to focus their safety and risk management efforts, helping the overall safety and efficiency of their fleets.

The Not-So-Obvious

Did you know that many insurance providers offer discounts to fleets that use fact-based event data?¹ Auto insurers that offer Usage-Based-Insurance (UBI) assess data captured from telematics devices — critical events, miles driven, locations, and times — to charge insurance premiums. Critical event data can help insurers better estimate accident damages and better understand their insured drivers.

It pays to be safe, and not just through insurance savings. Take Omnitracs user McKenzie Tank Lines for example. Shortly after launching their critical event reporting-based safety training program, McKenzie saw a [20% reduction in critical events](#).

What You Can Do About It

With Omnitracs' Critical Event Reporting (CER), near real-time alerts allow you to intervene and coach drivers with risky behavior as soon as possible. Alerts can be set up to specific groups or team members by critical event type and vehicle group.

Time	State	Vehicle	Driver	Trigger	Occurred At	Video
05/16/2016 02:37 PM	New	0106055309	JDoe	Forward Collision Warning	Trans Canada Hwy, Ottawa, ON K1Z, Canada	
05/16/2016 10:23 AM	New	0106055315	KGibson	Manual	1998 San Jacinto St, Dallas, TX 75201	
05/16/2016 08:13 AM	New	0106055309	JDoe	Following time	I-69 N, Indianapolis, IN 46256	
05/15/2016 01:36 PM	New	0106055315	KGibson	Hardbraking	I-271 S, Macedonia, OH 44056	
05/15/2016 07:12 AM	New	0106055309	JDoe	Manual	San Jacinto Pl, Dallas, TX 75201	
05/15/2016 06:05 AM	New	0106055315	KGibson	Overspeed	1998 San Jacinto St, Dallas, TX 75201	
05/15/2016 03:34 AM	New	0106055309	JDoe	Overspeed	847 N Harwood St, Dallas, TX 75201	
05/15/2016 02:52 AM	New	0106055315	KGibson	Lane Departure	1006 San Jacinto St, Dallas, TX 75201	
05/15/2016 01:52 AM	New	0106055309	JDoe	Stability Control	1997 San Jacinto St, Dallas, TX 75201	
05/15/2016 12:57 AM	New	0106055315	KGibson	Manual	1997 San Jacinto St, Dallas, TX 75201	
05/13/2016 03:30 PM	New	0106055309	JDoe	Excessive Overspeed	Autoroute Transcanadienne & 77, Montreal, ...	
05/12/2016 02:48 PM	New	0106055315	KGibson	Manual	851 N Harwood St, Dallas, TX 75201	
05/12/2016 10:56 AM	New	0106055309	JDoe	Manual	4792 Commercial Park Ct, Clemmons, NC ...	
05/09/2016 11:19 AM	New	0106055315	KGibson	Following time	438 Chemin de St-Cyprien, St-Cyprien-de-...	
05/09/2016 11:11 AM	New	0106055309	JDoe	Following time	1388 RTE-219, St-Jean-sur-Richelieu, QC J...	
05/09/2016 10:51 AM	New	0106055315	KGibson	Following time	HWY-401 & 340, Mississauga, ON L5V, Can...	
05/09/2016 10:47 AM	New	0106055309	JDoe	Following time	HWY-401, Mississauga, ON L5N, Canada	

Summary of critical events. When the play button is green, video is already available. When white, the user can request it at any time.

Source:

1 http://www.naic.org/cipr_topics/topic_usage_based_insurance.htm

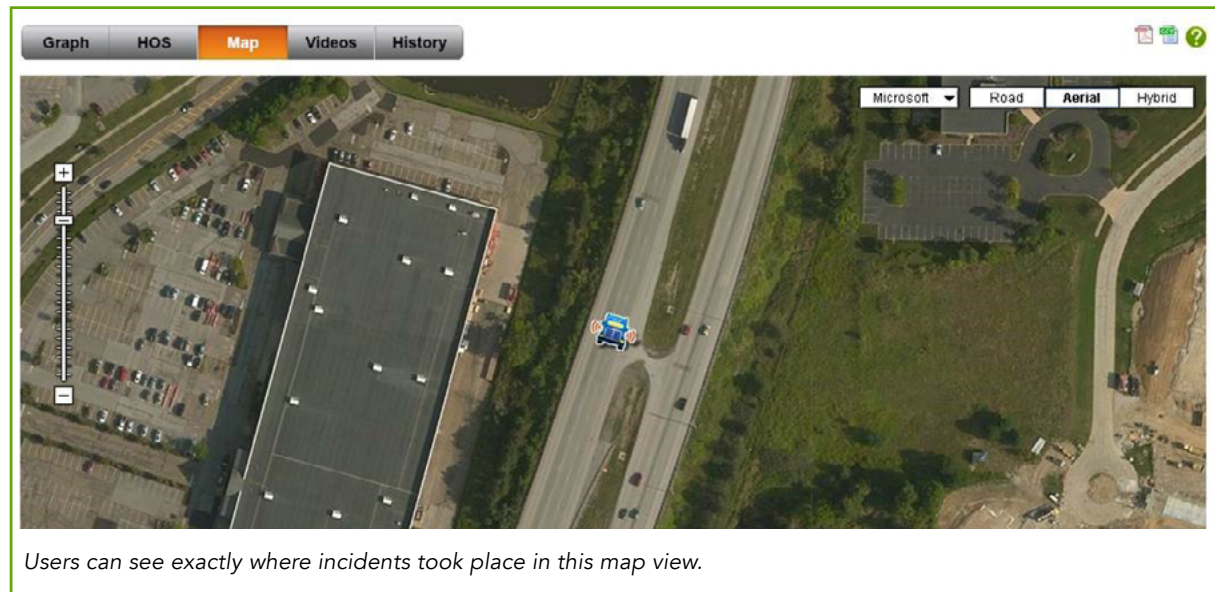




Why Is Critical Event Reporting So Important?

CER identifies the risky behavior that can lead to severe accidents, including speeding, excessive speeding, lane departure, and roll stability. It even looks at the number of seconds before the truck would collide with the vehicle in front of it if the truck continued at its current speed. Forward collision warning and follow time violations are triggered when a truck exceeds a certain distance (the latter over a period of time, typically less than forward collision warning). And, being able to identify “close calls” and the frequency of incidents can help safety managers prioritize their efforts and intervene when appropriate.

Users can drill into each individual incident detail to understand the conditions surrounding the event. Information from five minutes before the incident and two minutes after help provide context.





Why Is Critical Event Reporting So Important?

When you enable your fleet with video, you get one-click access to see exactly what happened right from the incident report. You decide what types of events trigger video, how much video to include with each event, and how long it should be preserved. With the prequel sequel function, you can request video from any past event to get the full picture of what happened, taking the guesswork out of accident reconstruction. This function also helps control data costs.



In 2014, more than 80,000 large trucks were involved in injury crashes and nearly 4,000 large trucks and buses were involved in fatal accidents.¹ CER helps reduce critical events, leading to a reduction in accidents. According to Jerry Waddell, Safety Director at Cargo Transporters, when the company first implemented Omnitrac's CER, they went nine months — 36 thousand miles — without a major, DOT-recordable accident.

CER also helps incentivize drivers who practice safe driving behavior, important as the driver shortage continues to be an issue. CER allows fleet managers to drill into the most common incidents over any timeframe by fleet, driver, and vehicle — comparing that data to the fleet's average. In a recent study by HireRight, 44% of the transportation companies responding said they are offering incentive programs.² The objective data on driver safety performance from CER allows managers to coach drivers who need it and reward the safest drivers. The same data fosters a healthy sense of competition, pushing drivers to be their safest.

Learn how Cargo Transporters uses Omnitrac's CER in [this case study](#).

Sources:

1 <https://www.fmcsa.dot.gov/safety/data-and-statistics/large-truck-and-bus-crash-facts-2014>

2 <http://www.hireright.com/news/press-release/2015-hireright-transportation-survey-uncovers-motor-carriers-recruiting-ret>





Why Is Driver Vehicle Inspection Reporting So Important?

The Obvious

Driver Vehicle Inspection Reports (DVIRs) help fleets proactively manage the maintenance of their vehicles, making roadside inspections painless and making vehicles safer to drive. DVIR helps ensure trucks and trailers are not put back on the road until issues are resolved — preventing minor issues from progressing and causing an accident.

Moving from paper to electronic DVIRs reduces errors, helping with compliance.

The Not-So-Obvious

Using Omnitrac's Vehicle Inspection Report (VIR) application, R & M Transportation's fleet manager and drivers have been able to stay on top of truck maintenance and repairs to avoid dangerous and costly breakdowns and delays. "We are able to automate the DVIR process and be proactive about maintenance issues," says Michelle Leist, Director of Safety and R & M. "VIR retains all information for 90 days and we attach repair orders to the VIR reports. This allows us to keep in compliance and check for trends."

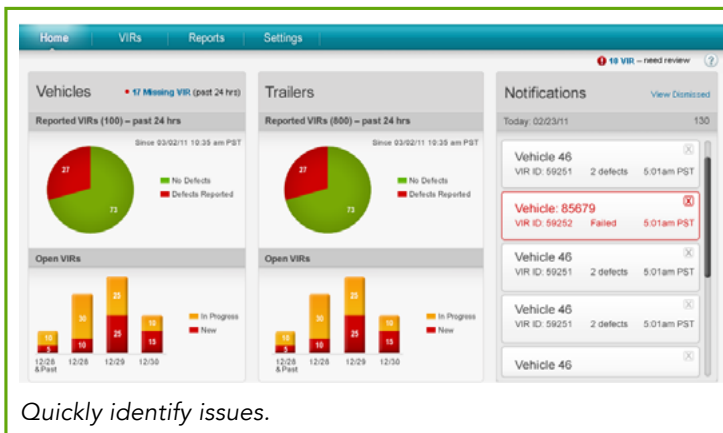
What You Can Do About It

If you haven't made the switch from paper, consider the ways electronic driver vehicle inspection reporting would benefit your fleet.

Without efficient and centralized communication between drivers and maintenance, vehicle issues can easily be overlooked and soon cause a major accident. Omnitrac's VIR has flexible alerts that ensure drivers don't forget inspections, and allows fleet managers and maintenance to receive real-time notification of defects.

VIR	Vehicle ID	Driver Name	Status	Report Time
137686473	557	ISAACV	New	07/26/2016 01:54:29 PM
137486785	0105314698	FORREST	New	07/25/2016 09:21:26 AM
135812555	0108003851	JDOE	New	07/13/2016 01:58:20 PM
135481122	01080003858	SBEAT	New	07/11/2016 03:41:52 PM
133726688	ETS-200-2	LARRYA	New	06/28/2016 09:57:24 AM
125868593	01080003943	ISAACV	New	05/04/2016 11:29:11 AM

View of DVIR reports with defects.



See the status of defect repairs.

VIR's easy-to-use reporting and alerting capabilities help your fleet improve driver safety and compliance. Centralized data locations ensure everyone is on the same page and is aware of the status of all defect repairs.

To learn how to improve the safety of your fleet with VIR, view the [DVIR brochure, here](#).



Conclusion

Today's fleet manager has a lot of options when it comes to safety programs. Whether predicting drivers most at risk to be in an accident, accessing video proof of how drivers behave on the road, or ensuring vehicles are safe to drive, fleet managers can improve safety from a single portal with Omnitracs functionality and integrations.

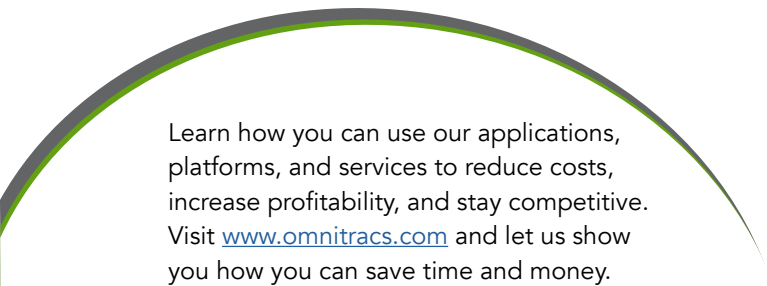
Accident severity modeling, critical event reporting, and vehicle inspection reporting are just a few examples of what Omnitracs can offer fleets to improve safety. Interested in learning how the Omnitracs suite of safety products can help keep your drivers safe? Contact us today for a demo.

Why choose Omnitracs?

- Award-winning, 24/7/365 support teams that understand your business.
- ELD Mandate thought leadership — we've helped shape the legislation and we share important resources at www.eldfacts.com
- Proven solutions for every stage of your growth — fleets of all sizes, including eight of the ten largest for-hire fleets and the five largest private fleets in North America use Omnitracs.
- Robust integrations — and the technical expertise to maximize your tech stack.
- Intuitive solutions and a focus on the end-user experience — making drivers' lives easier, building a positive image for your company, and retaining your workforce.

About Omnitracs, LLC

Omnitracs, LLC is a global pioneer of fleet management, routing and predictive analytics solutions for private and for-hire fleets. Omnitracs' nearly 1,000 employees deliver software-as-a-service-based solutions to help more than 50,000 private and for-hire fleet customers manage nearly 1,500,000 mobile assets in more than 70 countries. The company pioneered the use of commercial vehicle telematics over 25 years ago and serves today as a powerhouse of innovative, intuitive technologies. Omnitracs transforms the transportation industry through technology and insight, featuring best-in-class solutions for compliance, safety and security, productivity, telematics and tracking, transportation management (TMS), planning and delivery, data and analytics, and professional services.



Learn how you can use our applications, platforms, and services to reduce costs, increase profitability, and stay competitive. Visit www.omnitracs.com and let us show you how you can save time and money.



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