



Truck Route Assessment Crash and Risk Reduction System

Major collisions represent a significant financial, injury, fatality and legal liability risk for the entire trucking industry. Delta-V Experts (DVE) have developed a revolutionary method which uses the latest in modern technology to provide the transport industry with quantified route assessments to help significantly reduce the risk of rollovers and major collisions. We have called this the “Truck Route Assessment Crash and Risk Reduction” (TRACARR) system

Through our extensive engineering and safety expertise and experience, DVE is now able to provide these high quality and reliable risk reduction methods to the heavy vehicle industry.

DVE uses state-of-the-art measurement equipment to determine the geometric road characteristics along a route. Combined with each heavy vehicle’s stability characteristics (loaded and unloaded) and modern GPS systems, the system gives drivers a real-time, advance warning of safe, realistic speeds for each curve or bend on the route. As part of the route assessment, DVE also examines any other potential hazards such as intersections, level crossings, bridges, adverse camber etc., to identify significant risks and specific risk reduction and driving strategies for the driver and fleet operator.

Because rollover stability decreases with the square of a vehicle’s speed it can be very difficult for drivers to know what safety margin they have around a bend. With TRACARR, the driver will no longer have to guess what speed is really safe, as he will be alerted in real time.





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DVE's TRACARR system provides clients, for the first time, a fully quantified route map in electronic format which is linked to the heavy vehicle's GPS system, giving real-time safe speed and risk warning for the whole route. This system provides peace of mind and support for chain of responsibility compliance requirements, and increases the potential for reduction of severe collision risks such as rollover and level crossing or other crashes. Whether the driver is familiar with or on the route for the first time, the DVE TRACARR system works all the time to warn drivers of hazards and improve safety.

Any fleet operator would gain significant benefit from using DVE's TRACARR system. The TRACARR system is recommended to all fleets, large or small, regardless of load and load type and in rural and metropolitan areas.

Contact Us

Please contact us to arrange a more detailed presentation of this revolutionary risk reduction system, and to allow us to demonstrate the major benefits to be gained from TRACARR for your fleet's safety on a section of one of your routes.



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Uncovering Incident Causation – Your Virtual Witness