Simplytrak

DDAW - Driver Drowsiness and Attention Warning

GSR2
(EU) 2019/2144
Complaint Safety Systems

Fatigue and Distraction Risk Reduction Solutions

DETECT, ALERT, EDUCATE - Using the Power of AI

THE COMPLETE SOLUTION

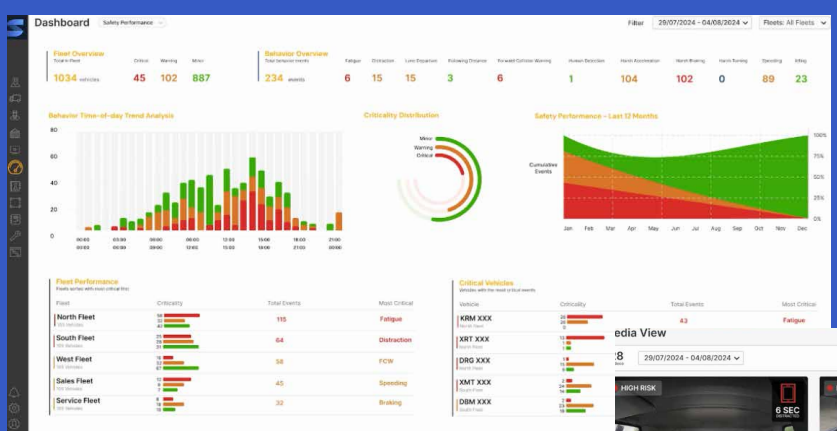
Simplytrak

50%
Reduction In Accidents

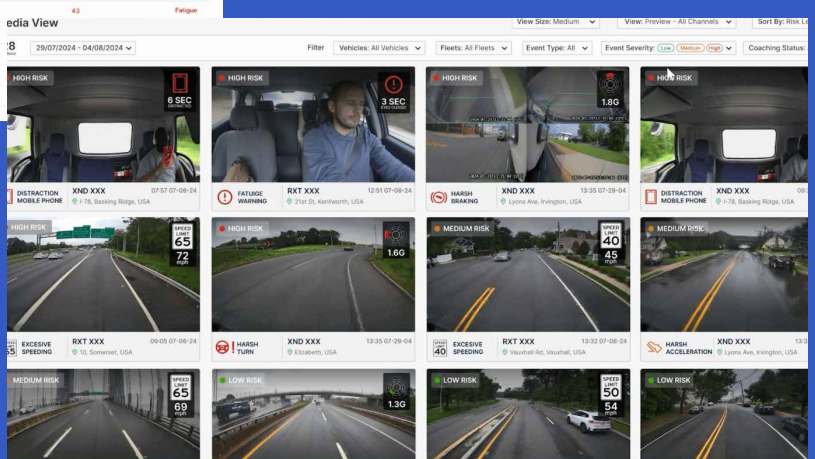
30%
Decrease In Insurance Claims

25%
Fleet Running Cost Savings

INTUITIVE, POWERFUL, REAL-TIME



Reports



Audible and Visual Alerts

AI-Powered Eye Tracking Technology

EARLY DETECTION

Instant Alert

Tiredness is the biggest single cause of fatalities on the world's roads today. Lack of concentration creates the perfect environment for errors and accidents when driving. Drivers often cannot recall whole sections of long haul journeys made due to being on 'autopilot' or, worse still, microsleeping at the wheel. Simplytrak's alert and advise system recognises the increased risk as it happens and alerts the driver in real-time to bring their driving risk back to a minimum.

The SAF system uses the power of AI to recognise and alert to risky activity or driver distractions, both in the cab and for the fleet manager for analysis and intervention if required.

In the cab alerts, are both audible and visual with voice messages and light stimuli making missing the alerts all but impossible. These alerts are completely configurable by the fleet manager to ensure that those warn, do so only when necessary. Any false alerts are quickly identified and discounted so that the driver is warned only of genuine risk and corrects accordingly by taking a break or ceasing the offending activity. This continually improves the AI's abilities and keeps your drivers safe.

All journeys can be visualised later on journey replay mapping for risk assessment or additional training requirements.

Simplytrak technology is based on many thousands of systems installed across the world and meets all known safety standards including the General Safety Regulation for Drowsiness Detection in force across the EU.

PREVENT ACCIDENTS

Simplytrak

The World's Most Advanced Anti-Distraction Commercial Fleet Solutions

Driver Assist

Mounted unobtrusively in the cab, the AI-powered monitor maps the intricacies of the driver's facial movements and quickly learns to recognise both their alert and focused states.

It then monitors for all signs of distraction including:

- Drowsiness/fatigue
- Micro-sleep risk
- Seat belt use
- Smoking
- Mobile phone use
- Other distractions

It alerts the driver with verbal and visual alarms to cease the risky activity. All alerts are configurable by the fleet manager and can be tweaked remotely for sensitivity to suit.

Fleet Manager Alert

Fleet managers are trained by Simplytrak expert technicians to set up units and remotely configure settings individually, if required.

They are alerted in real-time to allow for intervention if required and a scoring system highlights which drivers may require anti-distraction training.

The software system also allows for instant playback of the events and plots each on a map with journey replay. These events all have instant video replay at the click of a mouse so a fleet manager can understand the challenges their drivers face. This encourages fleet managers to visualise their fleet as a single asset and focus on the weakest links to enhance safety of the fleet as a whole.

All data is stored for a prolonged period chosen by the customer to allow for extra training for both driver and fleet manager if required.

The in-cab monitor also recognises individual driver profiles and knows when driver-changes occur. This allows the AI engine to recognise one driver's drowsiness and/or distractions compared to another and accurately plots events regardless of who is behind the wheel.

ALERT

REPORT

REPLAY

TRAIN

AI-POWERED TELEMATICS FOR FLEETS

Simplytrak

REDUCING ACCIDENTS SINCE 2003

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Citation ISO Certification
Quality management ISO 9001: 2015
REGISTERED
Certificate No:256032021

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