



SPRINT AWARE DRIVER FATIGUE & DISTRACTION SOLUTION

The safety of your drivers and others as well as your fleet is critical. The Sprint Aware solution has pupil identification technology and is able to detect driver fatigue and distraction, alerting the driver and fleet manager, so appropriate action can be taken.

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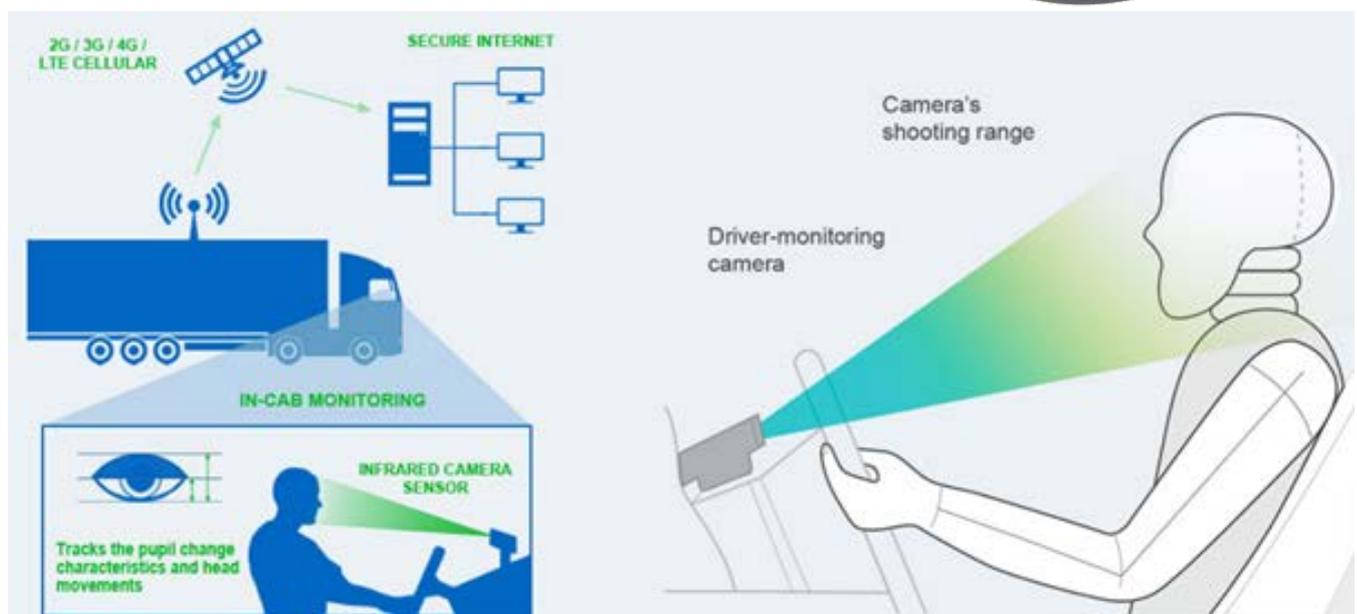
SPRINT AWARE DRIVER FATIGUE MONITOR



Drivers aren't normally aware of fatigue driving until it's too late. One important function of the driver fatigue alarm system is to let the driver understand they are in fatigue driving and therefore increase their awareness level. Once drowsiness is detected, the system will send out a sharp and loud alarm immediately to the driver. At the same time, it will transmit the fatigue signal to the GPS fleet tracking management system, so that the fleet manager will know the driver's situation and will be in a position to take appropriate action.

The system uses automotive-grade image sensors to capture infrared images of the operators and a high-speed digital signal processor to analyse and identify if they have become inattentive due to drowsiness or distraction.

Its advanced contract mode and sophisticated algorithm allows the device to understand the state of the drivers in real world conditions, including full sunshine and if the driver is wearing sunglasses for example. It will issue early warnings when fatigue occurs, protecting life and assets.



All components can work between -45 degrees to $+85$ degrees. the device is made is made of environmentally friendly materials and are lead-free.

SPRINT AWARE FEATURES:

HELPING YOU KEEP
YOUR PEOPLE
AND COMMERCIAL
FLEET SAFE.

Driver Fatigue Alarm

The driver fatigue alert uses the unique pupil identification technology to detect and analyse the changing characteristics of pupils. When it judges a driver in fatigue status, it will provide a warning alarm to remind the driver.



Driver Distraction Alarm

Anti-Sleep Alarm focuses on the distraction driving detection. When a driver is distracted and it appears is not concentrating on the road, the system will provide an alarm to remind the driver.



Signals – Image and video output

The system can connect with your fleet management platform to send the fatigue signals, images or video footage to your fleet manager. This gives a real-time view of the situation, enabling swift and appropriate action for better overall fleet safety management.



Over Speed Alarm

It is possible to add an over speed value to the driver alert system. When it is detected that the driver is over the speed set, it will provide a warning alarm.



Vibration Cushion Alarm

The driver drowsiness detection system can also connect with a vibration cushion. When it detects a driver is drowsy, it will provide warning alerts and output signals to the vibration cushion, which shake and wake the driver.





For more information, or to
arrange a free, no obligation
demo, get in touch:

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