



**EROAD**

# Reduce the risk of costly accidents with **Clarity Edge Fatigue**

*This product requires connection to a Clarity Edge AI camera*

Detect signs of drowsy driving, and support your drivers to wake up with real-time alerts and notifications.

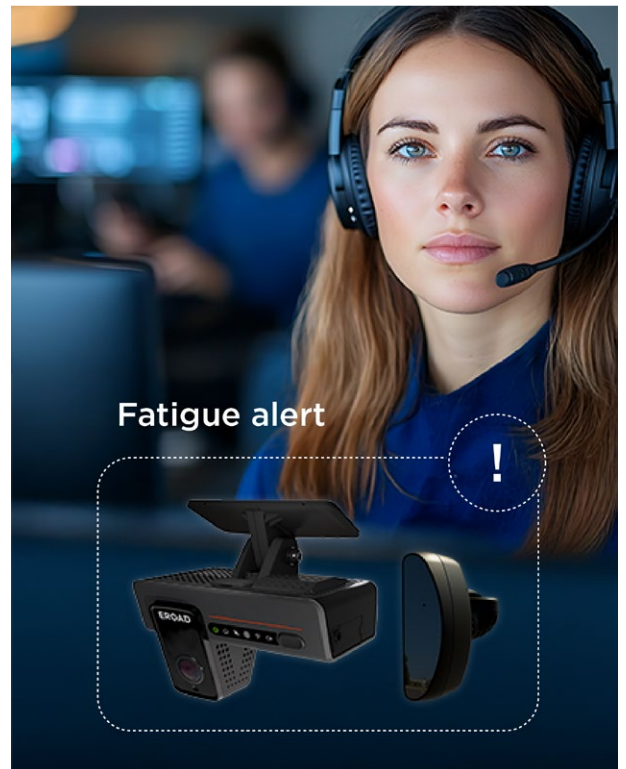
Microsleeps can happen to anyone, at any time. But fatigue isn't just 'falling asleep at the wheel'. Drowsiness or fatigue has a severe impact on several critical aspects of driving, and is the cause of at least 1 in 5 fatal crashes<sup>1</sup>.

**Clarity Edge Fatigue** delivers instant driver fatigue alerts and gives your team an opportunity to intervene and help reduce risk of accidents.

## Fatigue AI detects:

Frequent blinking

Continuous eye closure >1.5 secs



**Detect Fatigue**



**High Impact Alerts**



**Reduces the risk of  
Accidents**



**24/7 Human  
Monitoring**

<sup>1</sup> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9916394/#:~:text=In%20Australia%2C%20nearly%2020%25%20of,among%20truck%20drivers%20%5B21%5D>

## Edge Fatigue options



Get the full Clarity Edge Fatigue solution, or customise to your needs:



### Fatigue camera

Uses facial tracking software to detect signs of fatigue, with optional instant voice alerts.



### Seat Shaker

High impact vibration alerts. 4x more effective at waking a driver than audible alert only.

**Optional**



### Monitored Service

Our 3rd party provider keeps watch over your fleet 24/7 and notifies management by phone if fatigue is detected.

**Optional**

## About EROAD Monitored Service

Safety-conscious fleets want to know they can intervene on serious fatigue events both during and out-of-hours. By choosing EROAD's Monitored Service, you get our 3rd party provider keeping watch over your fleet 24/7 without the cost of hiring additional employees

### How it works

If a fatigue event is detected, our reliable 3rd party provider, based in New Zealand, will notify the appropriate contact(s) following your business' pre-approved escalation process. By adding these phone call alerts, it will enable your team to take steps to reduce the risk of fatigue-related accidents in real-time.

For customers who choose to upgrade to the Monitored Service Pro plan, the 3rd party provider will review the event in MyEROAD or Core360 first to verify if it's a genuine fatigue event before commencing the notification process.

**Our Clarity Edge Fatigue camera, the Seat Shaker solution and the Monitored Service can provide peace of mind and an extra layer of safety by helping to reduce the risk a fatigue event goes unnoticed. These are not intended to be used as a replacement for driver training, your company driving policies, your own event review processes or as a replacement for emergency services. While alerts and notifications can reduce risk, they cannot prevent accidents from happening altogether.**

### SPECIFICATIONS - Fatigue Camera

<b>Online video resolution</b>	<ul style="list-style-type: none"><li>Triggered clips: D1 @15fps</li><li>Requested clips: 800p @20fps</li></ul>
<b>Fatigue AI</b>	DMS (driver monitoring system): Yawning, distraction, eye closure > 1.5 seconds, frequent blinking. Ability to see through sunglasses
<b>Installation</b>	Mounts to A-pillar (default), dashboard or windscreen
<b>Dimensions</b>	98H x 30W x 43D mm
<b>Security</b>	Tamper resistant hardware
<b>Operating temperature</b>	-40°C - +70°C

### SPECIFICATIONS - Seat Shaker

The Seat Shaker is hard-wired to the Fatigue Camera and is installed directly under the driver's seat. Vibration alert is set off only when the camera detects eye closure >1.5 seconds or repeated eye blinking.

### SPECIFICATIONS - EROAD Monitored Service

Two plan options for this service:

Basic	Pro
Phone call notification when fatigue event occurs	3rd party provider assesses fatigue event and makes phone call notification if genuine.
	Add note to MyEROAD if it's a false alert.

### Disclaimer

The operation of the Clarity Edge Fatigue Camera, Seat Shaker solution and the EROAD Monitored Service rely on various external factors, including but not limited to hardware functionality, software algorithms, and data transmission, which may impact performance and effectiveness. EROAD does not guarantee that all instances of driver fatigue or impairment will be detected nor that all alerts or warnings will be successfully transmitted, received or acted upon. These products and services are not a substitute for appropriate driver management practices, regulatory compliance, or any other obligations customer may have in relation to driver safety and fatigue management.