

FACT SHEET

Supporting proactive fatigue risk management under the evolving HVNL safety framework

The August 2026 transition

From 1 August 2026, the heavy vehicle industry will transition from the current National Heavy Vehicle Accreditation Scheme (NHVAS) to the new [Heavy Vehicle Accreditation \(HVA\) framework](#).

The updated [Safety Management System \(SMS\)](#) Standard places greater emphasis on proactive risk management, assurance and continuous improvement.

Operators will need to demonstrate that they:

- Identify and assess safety risks
- Implement effective risk controls
- Monitor whether controls are working
- Continuously improve their safety management approach

The fatigue management challenge

Fatigue remains one of the most significant risks facing heavy vehicle operators.

Managing fatigue effectively requires more than policies and procedures. Operators need practical controls that help identify risks early and support safer decision making.

Key challenges include:

- Fatigue risk can develop gradually and may not always be recognised by drivers
- Safety teams often have limited visibility into real-world driving conditions
- Understanding when and where fatigue risks occur can be difficult without objective data

[Learn more about the NHVR Primary Duty requirements](#)

Supporting proactive safety management

Guardian provides operators with additional tools to help identify and manage fatigue and distraction risks.

- **Active intervention:** Guardian monitors driver alertness and attention in real time, providing in-cabin audio, visual and vibration alerts when signs of fatigue or distraction are detected.
- **Objective safety insights:** Guardian provides verified event data and analytics to help operators better understand fatigue and distraction trends across their fleet.
- **Continuous improvement:** Insights from Guardian can support safety conversations, driver coaching and operational improvements.

Supporting safer, smarter operations

As the industry prepares for the HVNL reforms, proactive safety management will become increasingly important.

[Guardian by Seeing Machines](#) helps operators move beyond reactive incident response by providing real-time intervention and data-driven insights to support safer fleet operations.

Turning safety insights into action

Safety data can help operators:

- Identify higher-risk routes, times and operating conditions
- Better understand fatigue and distraction trends
- Support targeted driver coaching
- Review operational practices
- Demonstrate ongoing commitment to safety improvement

Technology does not replace effective safety management – it strengthens it by providing additional visibility and actionable insights.



Automotive-grade:
powered by the technology used by leading brands, in millions of vehicles globally



Proven:
scientifically proven to reduce fatigue-related driving events by over 90%



Trusted:
implemented by 1,100+ transport and logistics organisations worldwide