

# AIR LIQUIDE UK

## STRENGTHENING DRIVER SAFETY WITH GUARDIAN

Air Liquide UK (ALUK), a major manufacturer and distributor of gases, operates a nationwide delivery network serving multiple critical industries. With over 100 cylinder-delivery vehicles and more than 90 professional drivers, plus a bulk operation managed through a 3PL, safety is at the core of ALUK's transport activities. Since 2018, the company has taken significant steps to understand and reduce the risks of driver fatigue and distraction across its high-risk environment.

### Client problem

- Road safety event raised questions around driver attentiveness
- Driver distraction was a known risk, managed through policy, but fatigue was emerging as a less-understood challenge
- Industry research highlighted fatigue as a growing and underestimated risk across transport operations
- Sought technology that could provide real-time alerts, reliable data, and support a stronger fatigue and distraction program



### Guardian solution

- Real-time in-cab alerts, advanced fatigue algorithms, and proven track record placed it ahead of alternative solutions
- Ability to capture verified fatigue and distraction events enables structured driver coaching in a controlled, supportive environment
- Event recordings and data analytics allow ALUK to identify trends, review performance, and continuously refine its Fatigue & Distraction (F&D) Program
- Integrates into ALUK's broader transport safety framework, strengthening risk mitigation and driver wellbeing

*“With the tools at our disposal, we can be assured that as an operation we are heading in the right direction to help keep our drivers safe, along with other road users and pedestrians.”*

*Mark Young, Road Safety Compliance Manager UK, Air Liquide*

### The results

- Provided a robust, real-time fatigue and distraction solution, supported by high-quality, actionable insights
- Enabled trend identification and continual improvement through comprehensive recording and analysis of all events
- Enhanced driver coaching experience through use of verified event footage
- Sparked constructive dialogue across internal driver forums, where drivers now openly share their experiences
- Played key role in achieving Air Liquide's global target for all primary transport vehicles to be equipped with Active Fatigue and Distraction Detection (AFDD) technology by 2025

# THE VOICE OF A DRIVER

## ON FATIGUE AND DISTRACTION DETECTION SYSTEMS

Jason has been a professional driver for Air Liquide UK for 28 years. Here he shares his experience with fatigue and distraction detection systems.



*“Despite the company’s communication on the benefits of the system, the implementation was experienced with some apprehension. The emotions felt included the feeling of being watched; a form of loss of confidence in my ability to drive safely (a form of inferiority feeling).*”

*At first, it was difficult for me to perceive the benefits that such a system can bring me until recently.*

*I recently experienced a series of microsleep alerts. I was surprised because I thought I knew how to manage my fatigue. But I had not identified my fatigue and I could not manage the microsleeps detected by the system.*

*After each event, we discussed with my manager what happened and due to these events, I had medical examinations which revealed a health problem. This was one of the causes of my fatigue.*

*The follow-up of my condition and the implementation of a good lifestyle, in particular better management of my rest, allows me to continue to drive safely, always having the help system as an assistant in case of need.*

*Today my confidence in the system is better thanks to my manager who listens and has a constructive approach. I know that my condition could evolve and if that were to happen, I could no longer drive, so knowing the system is still there protecting me as a driver is reassuring.”*