

KARINCA LOGISTICS

SAFELY TRANSPORTING HAZARDOUS GOODS

Guardian protects KARINCA's team of 300+ drivers as they deliver oil and gas to Shell's retail fuel stations across Turkey. As one of the leading logistics companies in the country, KARINCA is also a leader in driver health and safety. Management's genuine commitment to the welfare of employees is demonstrated through advanced driver training programs and ongoing development, sophisticated journey management planning, and vehicles equipped with the highest standard of safety solutions.

Client problem

- Large fleet transporting hazardous and dangerous goods over long distances and in challenging environments, in a country considered high risk for drivers
- Required proven technology to meet Shell's requirement for driver monitoring systems
- Despite existing safety practices and risk mitigation measures, driver drowsiness and distraction remained a significant concern
- Needed an effective alternative to relying solely on the drivers' own judgment of their need to rest
- Sought a technology solution to proactively detect driver fatigue and distractions before incidents occur
- Wanted to ensure safety whilst overcoming driver's privacy concerns and resistance to being monitored



Guardian solution

- Captures fatigue and distraction events only, rather than continuously recording
- Delivers immediate in-cab audio and haptic alerts to the driver
- Provides live event review and analysis by highly trained professionals in the 24/7 Guardian Centre
- Offers data insights via Guardian Live to support continuous safety and operational improvements

—● ***"It's not enough to just educate or instruct drivers on how to behave. Only companies that understand the power of technology, of systems like Guardian, will ensure their future success"***
Kenan Oral, Assistant General Manager - Energy Logistics

The results

- Implemented Guardian across 60+ ADR certified tankers
- Captured numerous instances of drowsiness and microsleeps, confirming drivers were continuing to drive even when fatigued
- Real-time alerts and intervention contributed significantly to a reduction in accidents caused by fatigue and distraction
- 24/7 monitoring through the Guardian Centre removed the onus on management to intermittently check in on drivers, ensuring their privacy and around the clock safety
- Gained driver acceptance and comfort with the system and its effectiveness to protect them whilst driving
- Supported driver education and raised awareness within the management team of the causes, risks and consequences of drowsiness and fatigue while driving
- Demonstrated a corporate commitment to improving health and safety practices, with solid proof
- Continues to safeguard drivers' wellbeing and enhance the safety of all road users