EZETECH

ELOAD

# ELOAD
# Load Movement Detection System




## Detect Load Movement Before It Becomes a Hazard

A shifting load can put drivers, other road users and nearby workers at risk. ELOAD uses 3D camera-based monitoring to detect sideways movement of loads during transport, alerting drivers before a load leaves the trailer bed.

With in-cab warnings and recorded events, ELOAD helps operators respond early to potential load restraint issues.



## How ELOAD Works

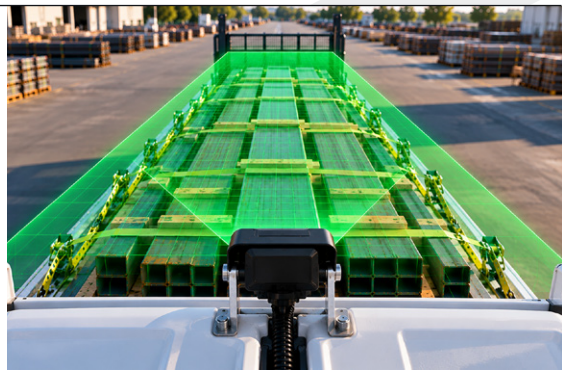
The truck moves. The load shouldn't.

A vehicle-mounted 3D camera monitors multiple points across the load to identify lateral movement during travel. Adjustable detection thresholds help distinguish genuine load shifts from normal road vibration, bumps and cornering.

When movement exceeds the set threshold, the system displays a warning on the vehicle's head unit and sounds an audible alert. Detection operates locally on the vehicle in near real time, without relying on a network connection.

Because the camera is mounted to the truck, a properly secured load stays still in the camera view. ELOAD feeds into the Ezetech head unit as an additional camera view, marking load movement on screen as it happens.

- On the truck - camera monitors the load.
- In the moment - head unit alerts the driver.
- Afterwards - event recorded in the Ezetech Ecloud.





## Applications

Suitable for trucks and flatbed trailers transporting secured loads where unexpected lateral movement could create a risk to drivers, other road users or nearby personnel.

If strapping loosens or a load starts to move in transit, the driver may not know until it is too late. ELOAD gives an early warning so the load can be checked before it becomes a hazard.




## Key Features



**Load Movement Detection** - Monitors multiple points across the load for sideways movement.



**Adjustable Detection** - Configurable movement thresholds help minimise nuisance alarms.



**Driver Alerts** - Audible warnings and on-screen notifications identify load movement as it occurs.



**On-Vehicle Processing** - Near real-time detection and alerting without dependence on mobile network coverage.



**Event Recording** - Recorded alerts support incident review and investigation.



**Remote Access** - Cloud-based remote logging and access through the Ecloud environment.

## Why Ezetech?

**20+ Years of safety technology experience.**

Ezetech Solutions is an Australian authorised dealer and integrator of speciality safety technologies sourced from around the world.

Our service is practical and mobile. We consult, supply, assist with commissioning and provide training, with on-site support available Australia wide, and shipping worldwide.

## Industries

- Construction
- Warehousing/Distribution
- Manufacturing
- Logistics & Road Freight
- Mining & Quarries
- Utilities & Waste
- People Transport

# Don’t wait for an incident to happen

Talk to Ezetech about the right safety technology for your vehicles and site.

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