



ECAS Industrial Vehicle Collision Avoidance



Detect hazards. Alert operators. Help reduce collision risk.

Industrial vehicles often have significant blind spots, particularly when reversing. ECAS provides an additional layer of protection by detecting obstacles within a defined area around the vehicle and alerting the operator when a potential collision risk is identified.

Designed for industrial vehicles and mobile plant, ECAS can be configured around the vehicle, the application and the risks present on the site.



ECAS Features



Collision awareness where it matters:

ECAS uses LiDAR or radar sensing to create a defined detection area around the vehicle, helping operators become aware of hazards that may otherwise be difficult to see.



Adjustable detection zones: Detection range, width and field shape can be configured to suit the application, with detection available up to 10m as standard and options for greater ranges.



Clear operator alerts: The system provides an early warning in the far zone, followed by a higher-level alert when an obstacle enters the near or danger zone.



Optional active avoidance: Where required, braking can be incorporated to provide intervention in the near/danger zone. Ask Ezetech about the appropriate AEB solution for your vehicle.



LiDAR or radar technology: Choose the sensing technology to suit the vehicle, site and operating environment.



Built for industrial environments: External sensors and cabling are rated IP67, with self-testing and AS2359 compliance.



ECAS+: An optional ECAS+ configuration can provide alerts for obstacles as well as dock or road edges.



Designed around your vehicles and site

From forklifts and loaders through to larger construction, quarry and mining vehicles, Ezetech can help configure an ECAS solution around the way your vehicles operate and the risks present on your site.



Detect the hazard > Alert the operator > Help create a safer working environment

ECAS systems are primarily designed for the reverse area of the vehicle. Side and forward coverage can be provided where required.

Why Ezetech?

20+ Years of safety technology experience.

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

We're a proudly Australian company that provides solutions for a wide range of vehicle types - from cars and utes, vans and buses through to forklifts, loaders, excavators, graders, skidsteers, dump trucks, water tankers, road trucks - and for sites including factories, warehouses, distribution centres, mines and quarries.

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.



1300 762 911



solutions@ezetechsolutions.com.au



ezetechsolutions.com.au