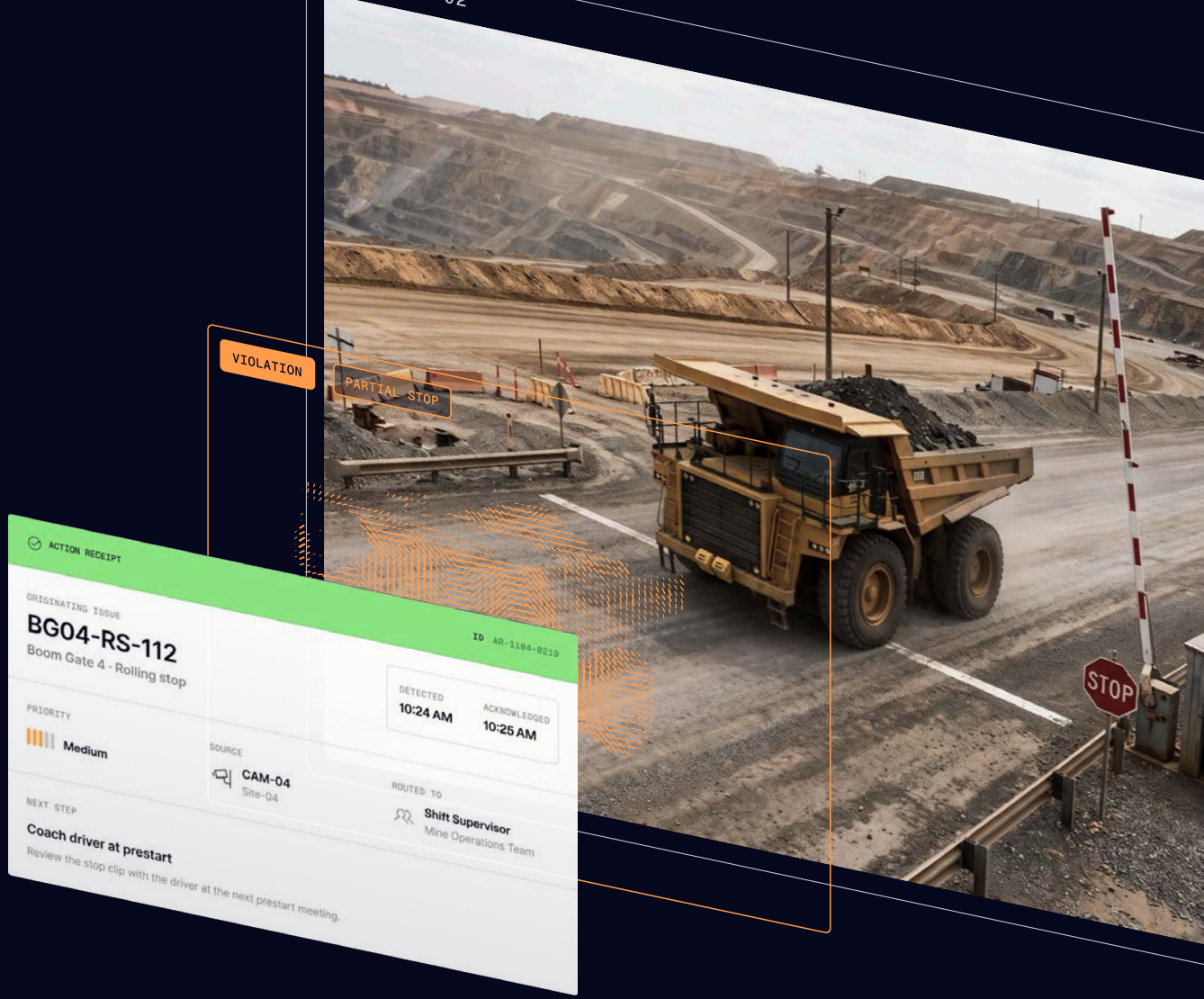


Mine traffic, measured every shift

Traffic control, management and maintenance, checked against site standards



VEHICLE INTERACTION RISK

Vehicles top the fatality list

Vehicle incidents caused 41% of Australia’s 222 worker deaths in 2025, the leading cause again.*

On a mine site, that exposure concentrates at intersections, boom gates and haul road edges. Sites manage it three ways: traffic control (the devices that stop or separate vehicles), traffic management (the signs and rules that set how vehicles move) and traffic maintenance (keeping roads, bunds and signs to standard).

All three still run on paper prestart checklists, periodic patrols and an annual sign audit. Between inspections, your teams assume compliance.

**Source: Safe Work Australia*

Standards set, compliance unknown

One operator’s traffic standard requires guideposts no more than 100 m apart on straights and 50 m on bends, intersection signs within 5 m, signs legible at 40 m by day and night, and every sign audited once a year.

Few sites can show whether those standards held on a given shift. Breaches surface after an incident, at audit, or not at all.

TRAFFIC CONTROL

Each vehicle is classified at the stop line: full stop, partial stop or no stop.

Stop and gate compliance goes unrecorded

Rolling stops and failed prestarts at boom gates are only investigated after an incident surfaces them.

TRAFFIC MANAGEMENT

Seatbelt, vehicle ID, flag and beacon are checked as each vehicle enters the pit.

Driver behavior falls outside the records

Fleet and access records log that a vehicle passed the gate. They don’t log dwell time, or whether it stopped at all.

TRAFFIC MAINTENANCE

A truck-mounted camera maps every sign and guidepost on each haul road pass.

Road and sign checks are manual and periodic

Crews close haul roads to check signs and guideposts on foot, and the annual audit is the only full count.

Cameras where vehicle decisions happen

Prism, Unleash Live's continuous monitoring across concentrated, high-activity sites, puts cameras at three points on the road network. Detections, clips and locations reach your teams as alerts, dashboard events and scheduled reports.

CONTROL POINTS



Standalone solar camera at any intersection

Classifies each vehicle as full stop, partial stop under 3 seconds, or no stop. 4G connected, with no trenching or new power.

SITE ACCESS



Boom gate camera for automated prestart checks

Checks seatbelt, vehicle ID, flag and beacon on every entry to the active mining area. Each failure comes with a clip.

HAUL ROAD NETWORK



Truck-mounted camera on vehicles already hauling

Maps stop signs, speed signs and guideposts with GPS and heading, building a roadside asset record for later passes.

Compliance you can measure and act on

At an Australian mining operation, stop compliance rose from 86% to 93 to 95% once supervisors used camera data to coach drivers. Each stop and gate entry becomes a timestamped record your site can produce at audit.

WHAT YOUR TEAMS RECEIVE

From detection to action

	THREE-STATE STOP CLASSIFICATION Per vehicle, per intersection, timestamped
	PRESTART CHECKS AT THE GATE A clip attached to every failed entry
	ASSET PASSPORT REGISTER Missing, changed and new signs per pass
	ALERTS IN YOUR CHANNELS Real time alerts, weekly and monthly reports

About Unleash Live

Unleash Live is an enterprise computer vision company. Fixed-camera and drone footage becomes automated safety, compliance, and maintenance insight for mining, energy, transport, and critical infrastructure operators, with production deployments across Australia, the Americas, and EMEA. Built on AWS, Unleash Live is listed on AWS Marketplace, holds ISO 27001:2022 certification, and has achieved the AWS Energy & Utilities Software Competency, the AWS Government Software Competency (Public Safety), and AWS Well-Architected Partner status.

TAKE THE NEXT STEP

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