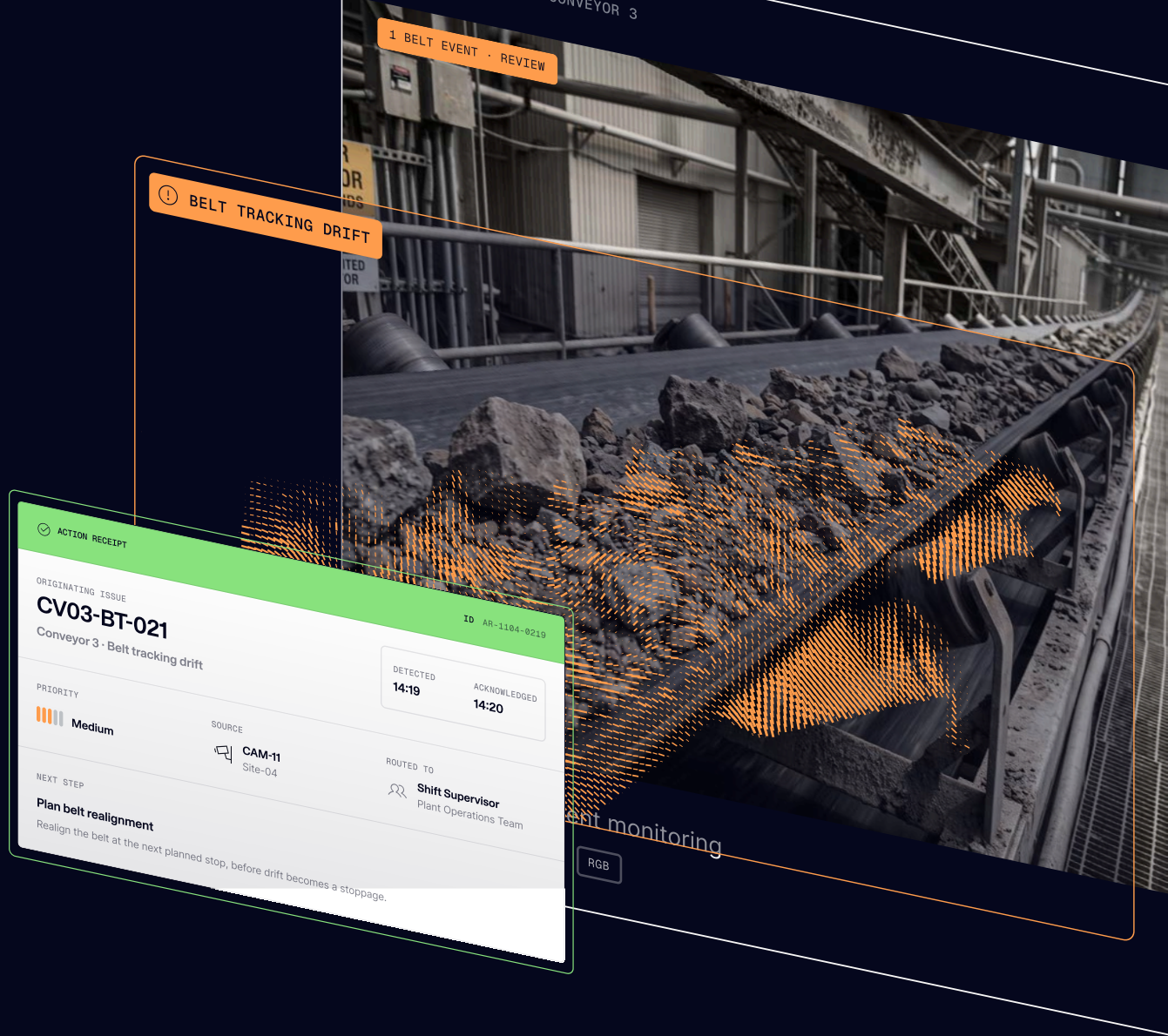


Catch faults before your conveyors stop

Fixed cameras surface conveyor belt faults before they cause a stoppage.



■ THE COST OF NOT KNOWING

Downtime begins with a missed signal

Conveyor systems are the arteries of a processing plant. They run around the clock, and manual inspections run to a schedule. Between visits, faults develop undetected.

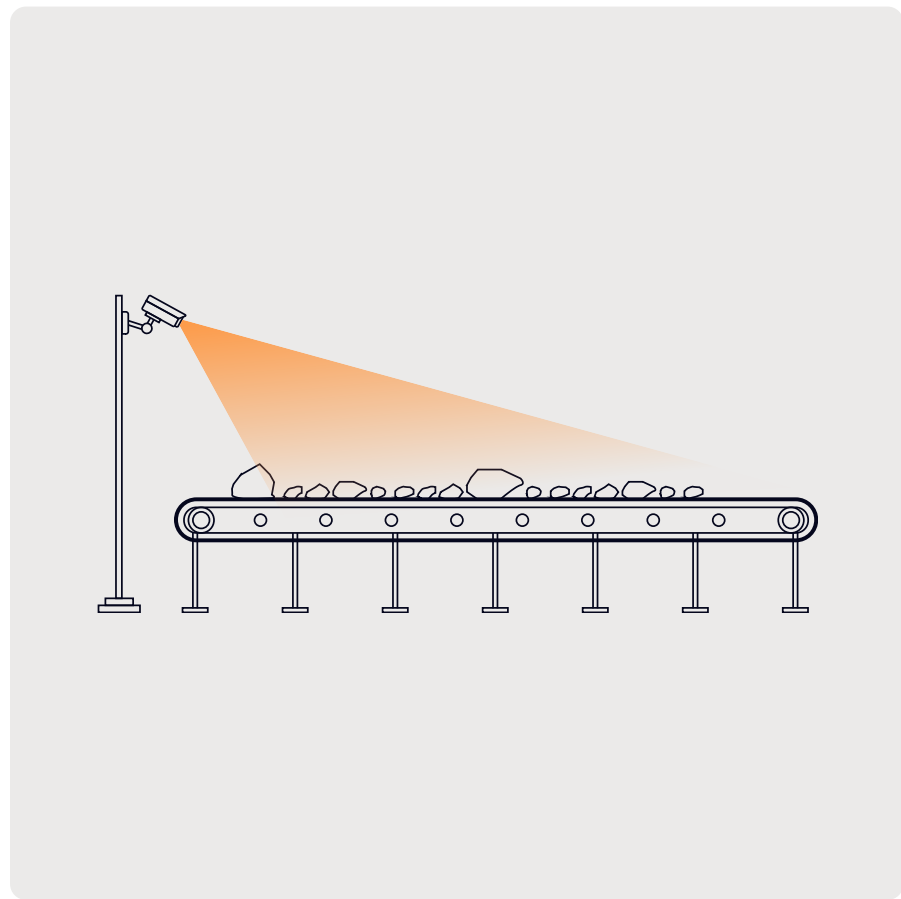
By the time an inspection team finds the issue, the window for low-cost intervention has often closed.

The usual response is more frequent inspection, which puts more people near moving equipment and leaves the core problem in place: inspection is periodic, and belt faults develop continuously.

What happens between inspections

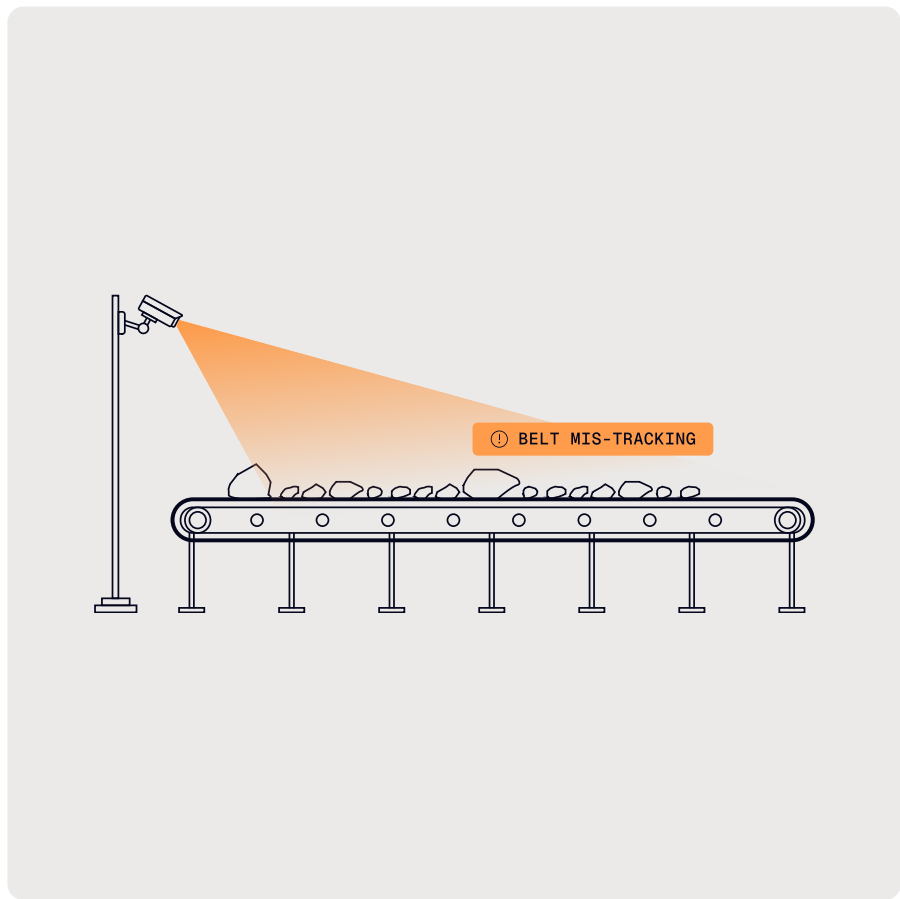
Mining operations inspect conveyors on a fixed schedule, and faults develop between visits. Belt wander, stiff idlers, and developing splice weakness stay invisible without continuous observation, so a correctable fault can become a stoppage by the next inspection. More frequent visits reduce the risk but cannot close the gap.

■ CAPTURE



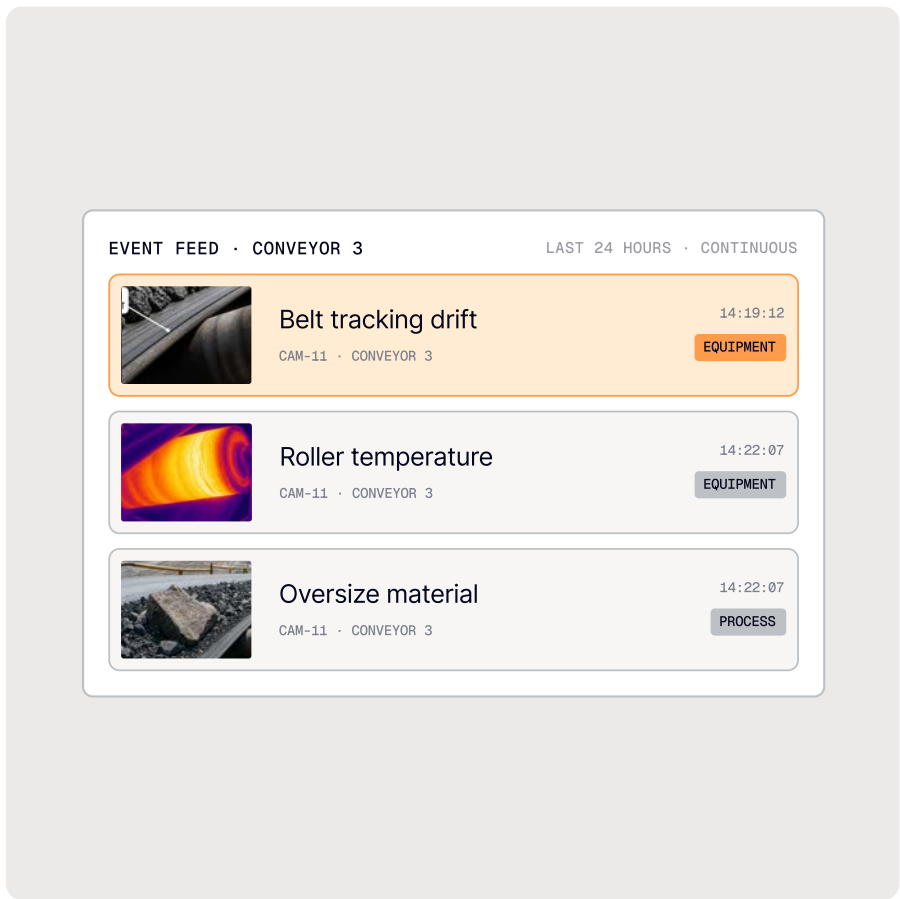
Fixed cameras watch the belt every shift, closing the gaps that scheduled inspection visits leave.

■ ANALYZE



Computer vision flags belt faults as they develop, with fewer people sent beside moving equipment.

■ ACT



Alerts reach operations while a fault is still minor, so planned repair replaces a costly stoppage.

Detection that runs between inspections

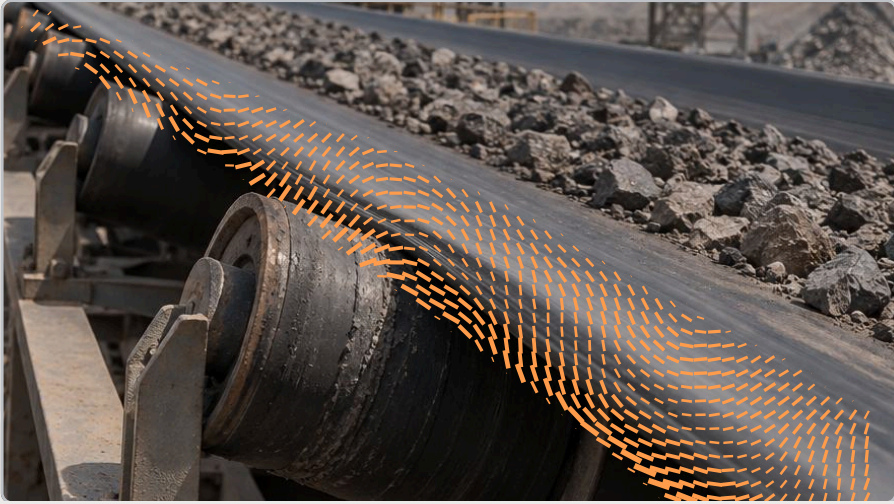
Prism, Unleash live's fixed-camera computer vision product, monitors belt condition continuously to surface early signs of belt degradation and alert operations before faults escalate.



■ ALWAYS-ON

Monitoring across every shift

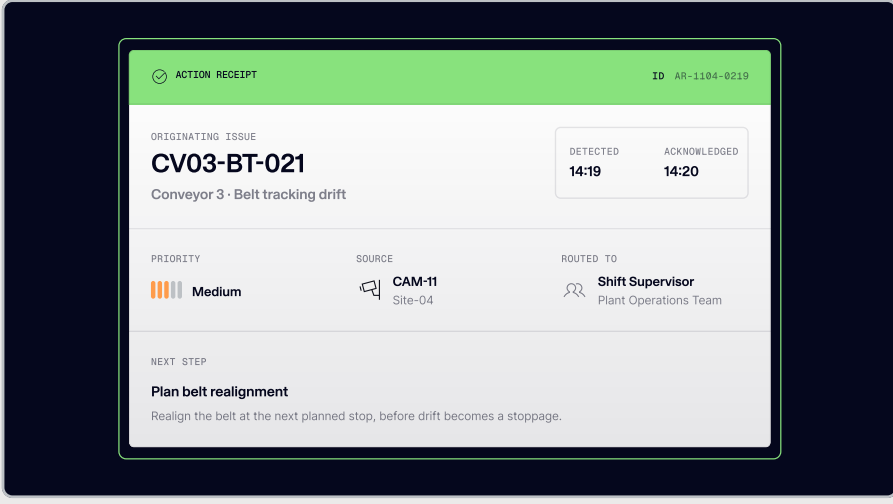
Prism monitors belt condition around the clock, covering every operating hour without adding personnel on the floor.



■ DETECTION

Faults identified before failure

Cameras detect early signs of belt degradation, including misalignment and idler wear, before they lead to a stoppage.



■ RESPONSE

Alerts reach the right person

On detection, Prism alerts the operations team directly, with the context needed to act before a fault becomes a stoppage.

Earlier detection, lower intervention cost

Catching a fault early changes its cost profile entirely. Planned intervention on a developing fault is consistently less expensive than reactive repair after a stoppage.

Prism users in mining operations have recorded a 20% improvement in fault recognition before failure.

■ CORE CAPABILITIES

One platform, expanding as confidence grows

	FIXED CAMERA COVERAGE Cameras monitor belt condition continuously
	AUTOMATED FAULT DETECTION Fault signatures detected as they develop
	REAL-TIME ALERTING Alerts routed to operations on detection
	EDGE-BASED PROCESSING Runs on site via Edge Box for rapid analysis

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.

■ TAKE THE NEXT STEP

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