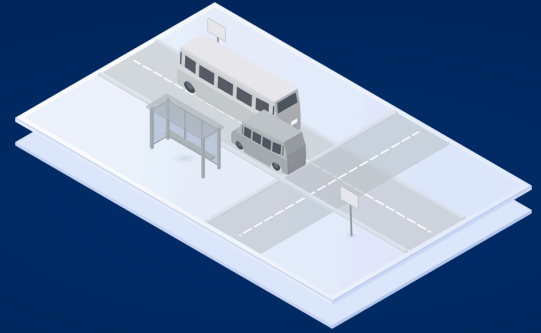
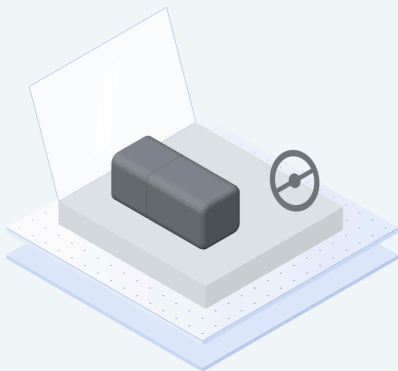


The route reports its own damage.

Road, sign and bus-stop damage, found on the fleet's own runs.



WHO PULSES IS, WHAT THIS IS, HOW IT WORKS



Pulses.ai is a UAE-born Physical Intelligence company: AI that understands your physical world.

For road authorities: damage waits unreported.

SEE

Pulses Vision Roam rides your fleet

UNDERSTAND

Road, sign and bus-stop damage, understood

ACT

Synced at the depot, sent to crews

THE PROBLEM

Damage waits to be reported.

A road team can only fix what reaches its list.

A long network, scattered damage.

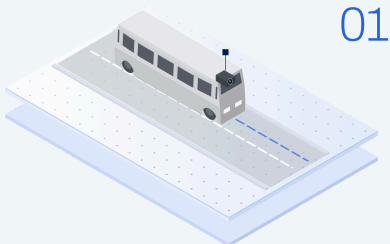
A sign out of true on a verge, a shelter missing a panel.

It waits for a report.

Until a resident or an inspection run spots it.

HOW IT WORKS

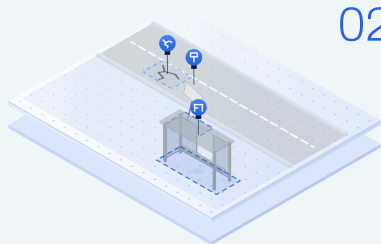
From the route to the crew.



01

Vision Roam rides the fleet

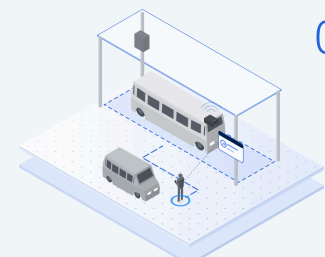
A Pulses Vision Roam device on the dashboard understands road, sign and bus-stop damage.



02

Damage, placed where it is

Signs, shelters and the road surface sit in one list.



03

Synced at the depot

Findings stay on the device and sync at the depot. Then the list goes to the crews who fix it.

WHAT THE FLEET FINDS

The road and the assets beside it.

Found on the buses and service vans already out on their routes.

The road surface

Surface damage, placed on the segment where it was found.

Signs

A sign knocked out of true, or a damaged sign.

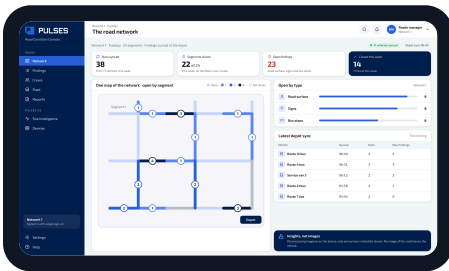
Bus-stop shelters

A shelter missing a panel, or damaged seating.

Alerts that reach a human

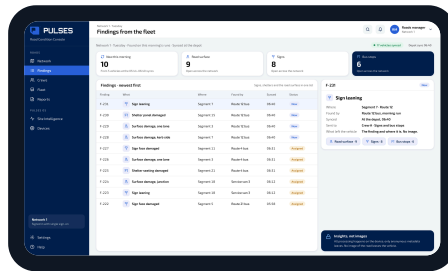
The list lands on WhatsApp, Teams, SMS or email.

THE PRODUCT ON SCREEN



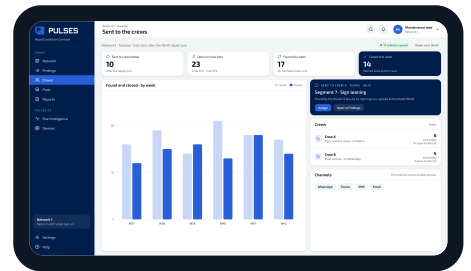
One map of the network

Each run adds to one map of the network, segment by segment.



Findings in one list

Road surface, signs and bus stops, newest first. What leaves the vehicle is the finding and where it is.



Sent to the crews

Your crews get the list, on the channels they already answer.

Privacy. All processing happens on the device; only anonymous metadata leaves. Insights, not images.

PROOF

150 million+ journeys counted across Pules deployments

Anonymous platform total

NEXT STEP

Book a walkthrough — pulses.ai/demo

See the full showcase, with the film, the screens and the deck:
pulses.ai/use-cases/road-condition (scan the QR code).

BUILT ON



Scan for the showcase