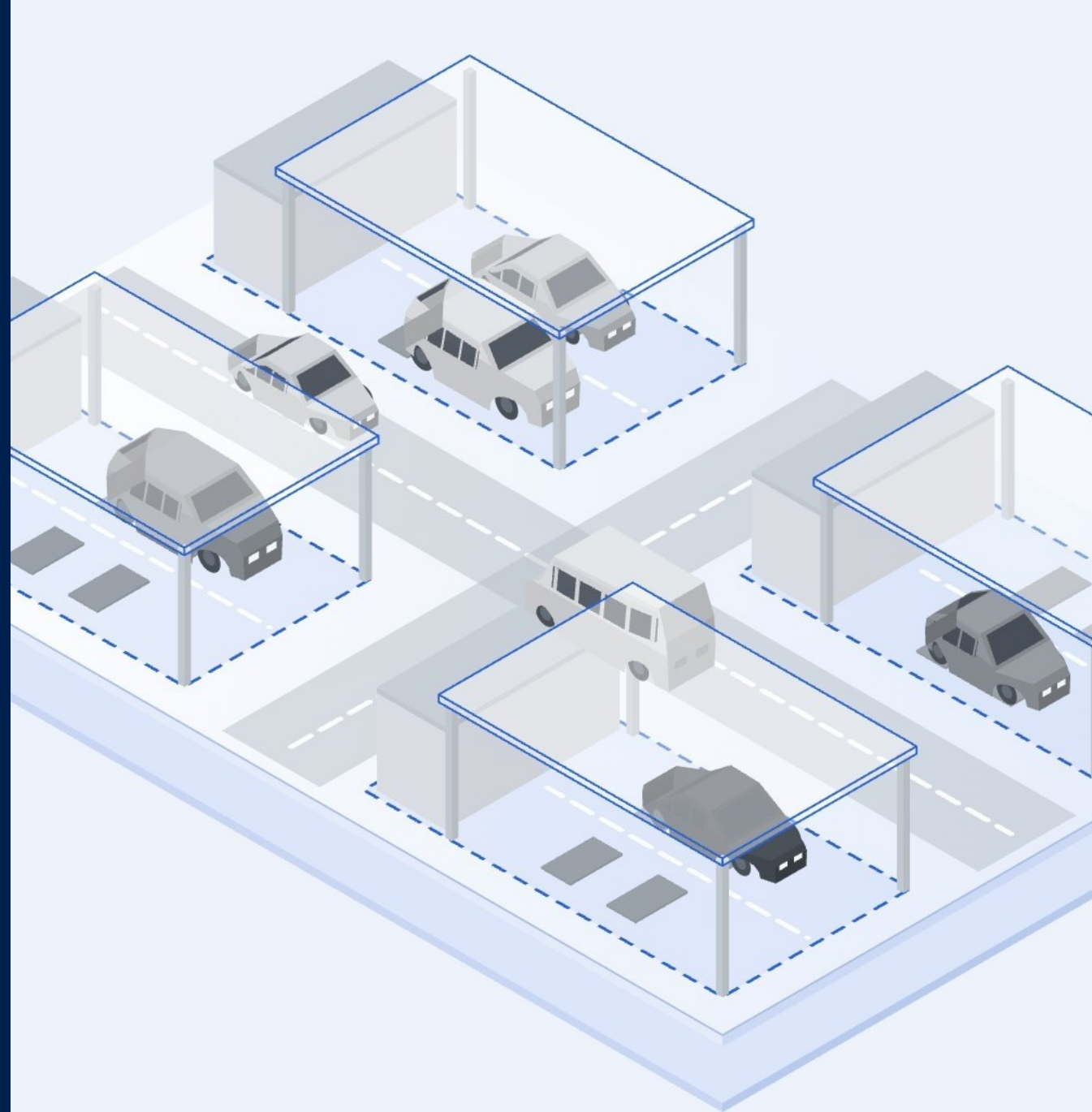


VEHICLE INSPECTION NETWORKS

A vehicle's attempts, side by side.

Across inspection centres, one vehicle's
attempts, read as one line.



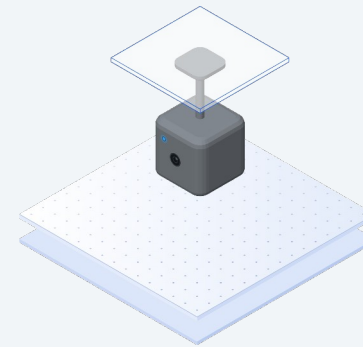
WHAT THIS IS

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

For inspection authorities: fail here, pass there.

The Operating System for the Physical World

HOW IT WORKS



SEE

Pulses Vision above each lane

UNDERSTAND

Attempts linked across centres

ACT

Flagged for your reviewers

THE PROBLEM

Each centre sees one attempt.

A fail here and a pass there stay apart.

Many centres, one network.

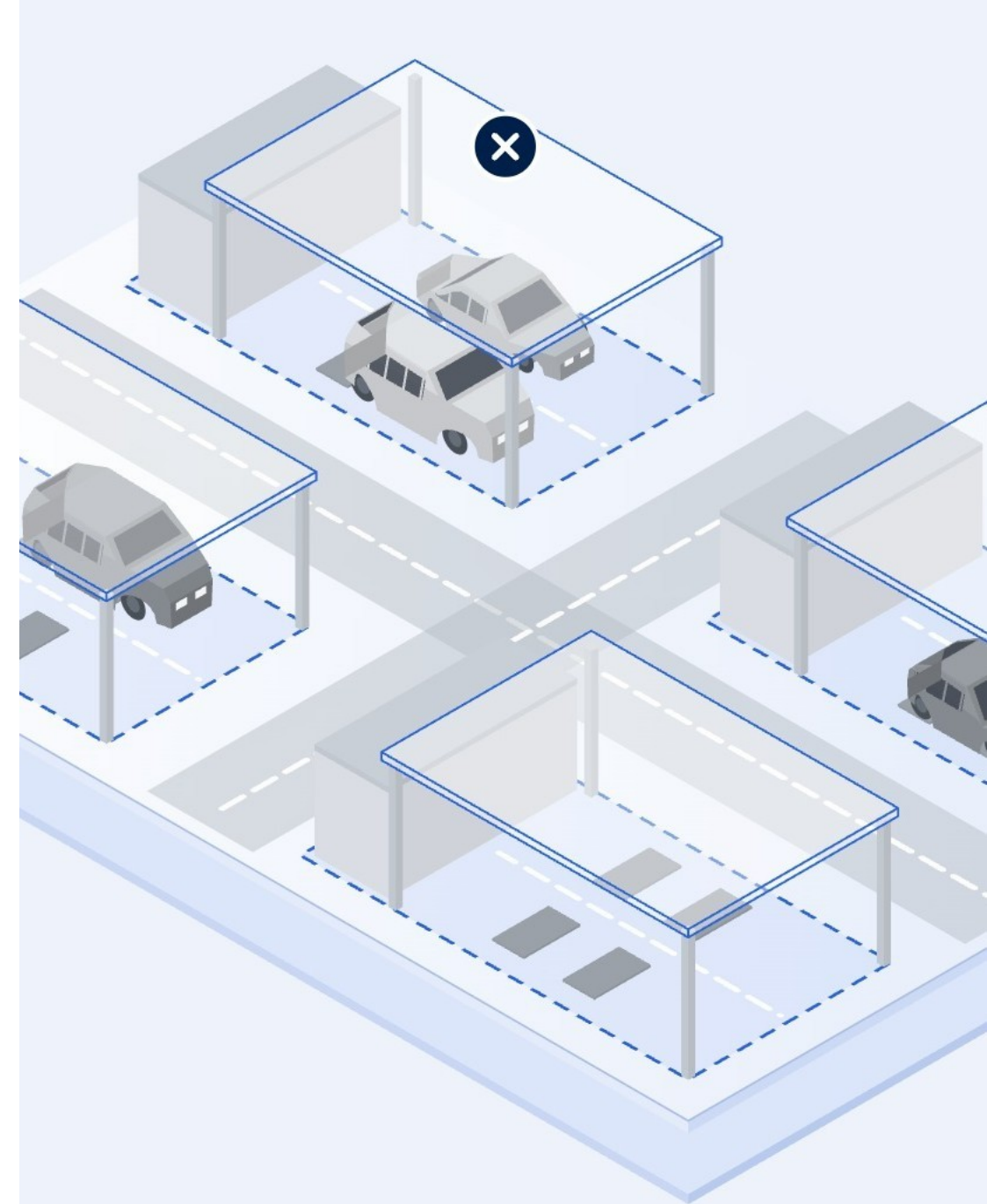
Several operators, each with its own lanes and its own day.

A pass after a fail may follow a repair.

Some pairs still deserve a second look.

The pair stays apart.

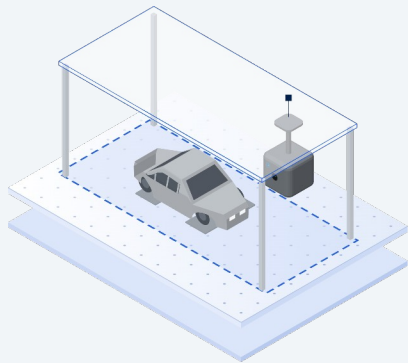
Each centre holds only its own result.



HOW IT WORKS

From the lane to your reviewers.

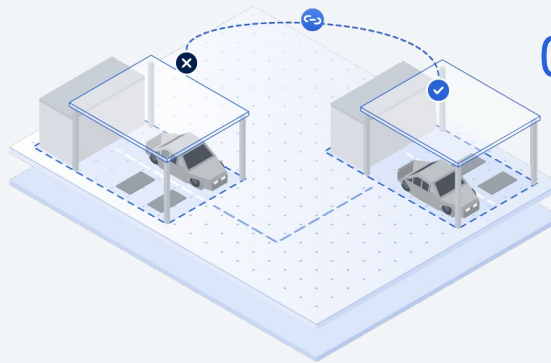
All processing happens on the device; only anonymous metadata leaves.



01

Above each lane

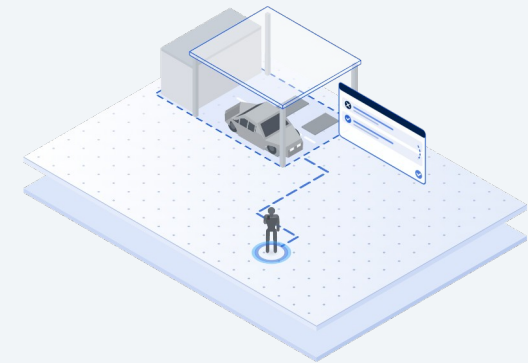
A Pulses Vision device above each lane understands each attempt.



02

Linked across centres

Centre, lane and time, beside the result from your inspection system.



03

Flagged for review

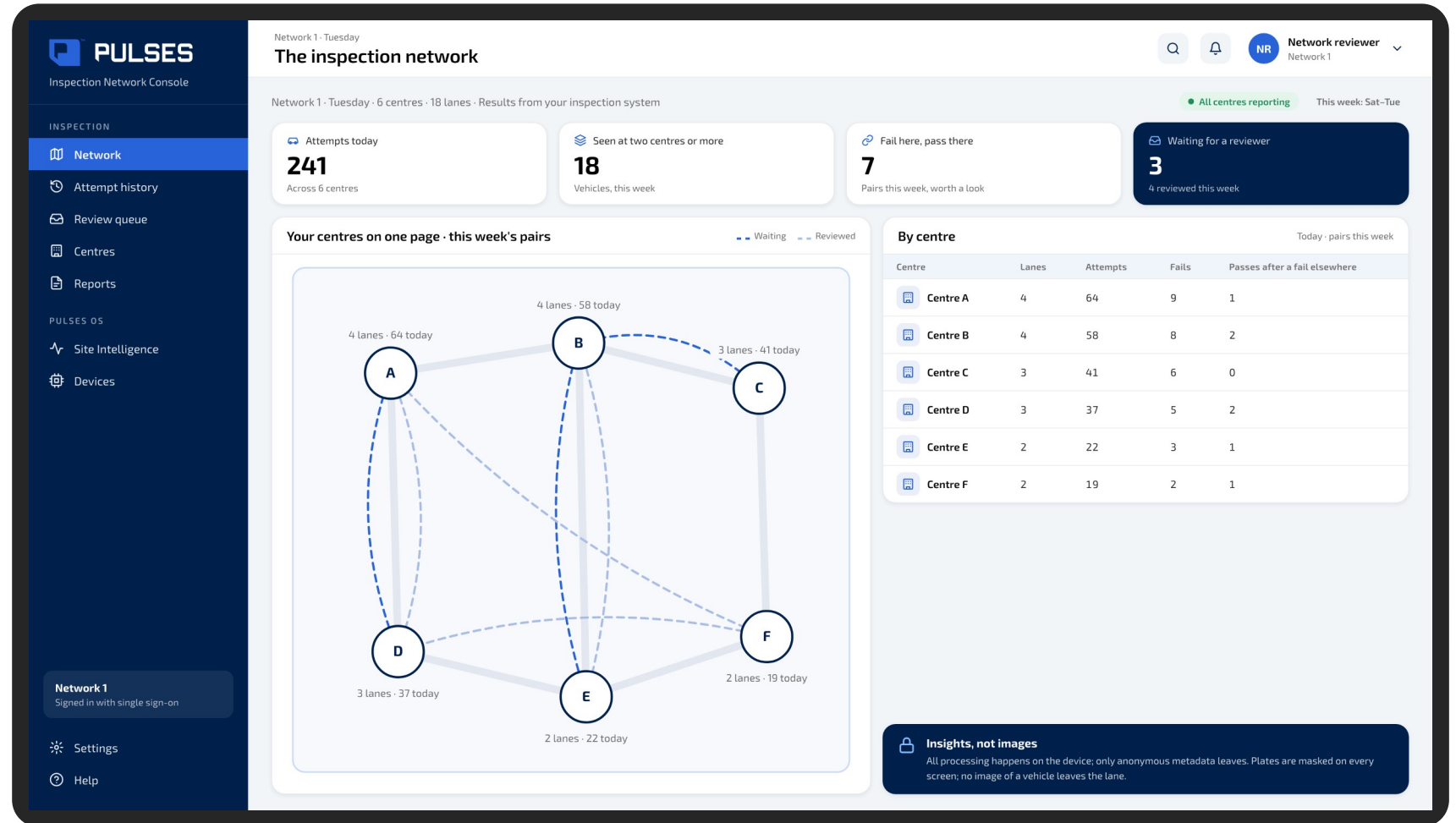
The pair reaches your reviewers on WhatsApp, Teams, SMS or email.

Network

The network on one page.

Your centres sit on one page.

- Attempts today, centre by centre
- Vehicles seen at two centres or more
- Pairs worth a look, by centre



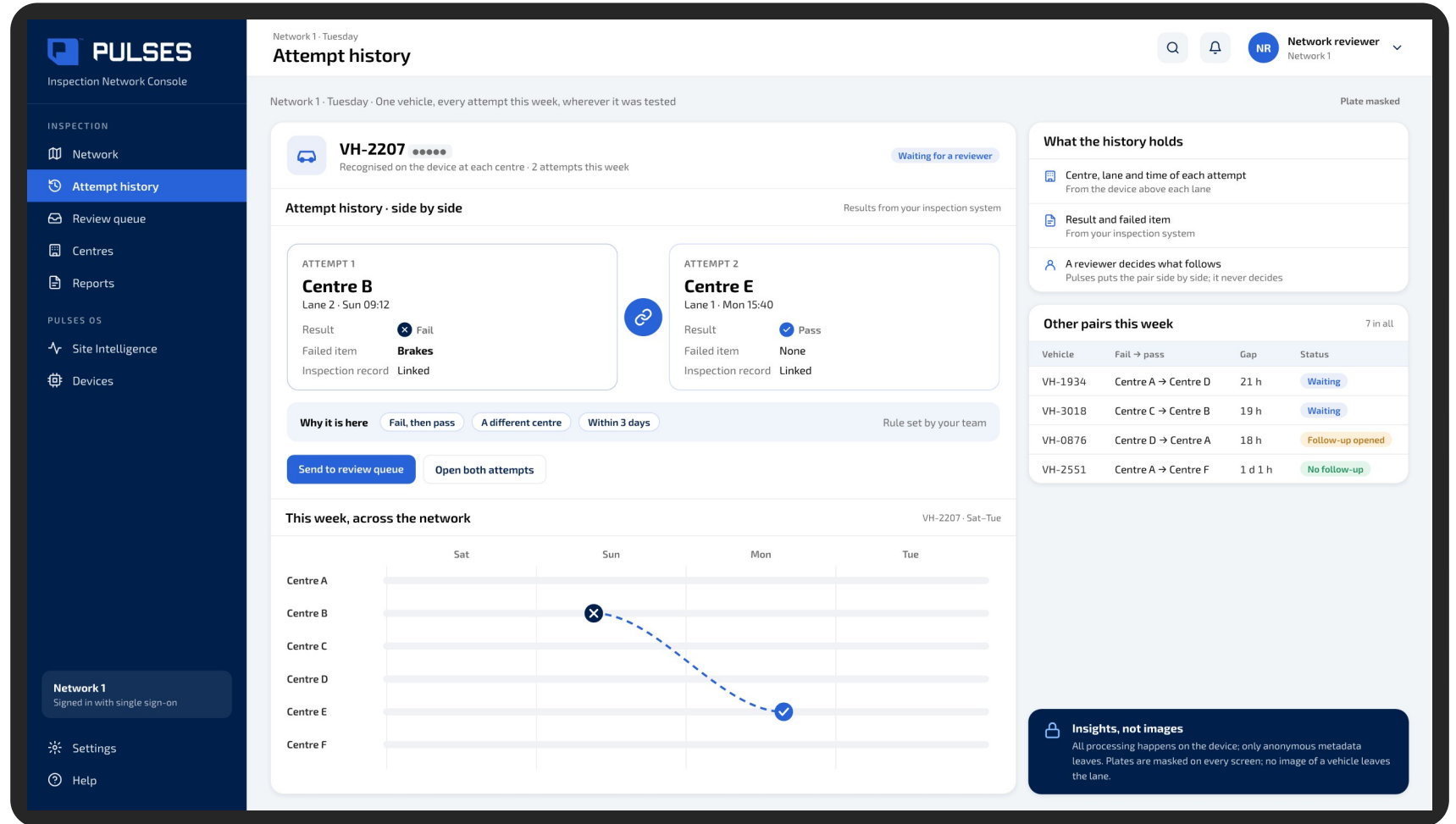
PULSES OS

Attempt history

One vehicle, side by side.

Each vehicle's attempts line up side by side, wherever it was tested.

- Centre, lane and time from the device
- Result and failed item from your inspection system
- The plate stays masked



PULSES
Inspection Network Console

INSPECTION

- Network
- Attempt history**
- Review queue
- Centres
- Reports

PULSES OS

- Site Intelligence
- Devices

Network 1
Signed in with single sign-on

Settings

Help

Network 1 - Tuesday

Attempt history

Network 1 - Tuesday - One vehicle, every attempt this week, wherever it was tested

VH-2207 •••••
Recognised on the device at each centre - 2 attempts this week

Waiting for a reviewer

Attempt history - side by side Results from your inspection system

ATTEMPT 1

Centre B
Lane 2 - Sun 09:12

Result **Fail**

Failed item **Brakes**

Inspection record **Linked**

ATTEMPT 2

Centre E
Lane 1 - Mon 15:40

Result **Pass**

Failed item **None**

Inspection record **Linked**

Why it is here Fail, then pass A different centre Within 3 days Rule set by your team

Send to review queue **Open both attempts**

This week, across the network VH-2207 - Sat-Tue

	Sat	Sun	Mon	Tue
Centre A				
Centre B		✗		
Centre C				
Centre D				
Centre E			✓	
Centre F				

What the history holds

- Centre, lane and time of each attempt
From the device above each lane
- Result and failed item
From your inspection system
- A reviewer decides what follows
Pulses puts the pair side by side; it never decides

Other pairs this week 7 in all

Vehicle	Fail → pass	Gap	Status
VH-1934	Centre A → Centre D	21 h	Waiting
VH-3018	Centre C → Centre B	19 h	Waiting
VH-0876	Centre D → Centre A	18 h	Follow-up opened
VH-2551	Centre A → Centre F	1 d 1 h	No follow-up

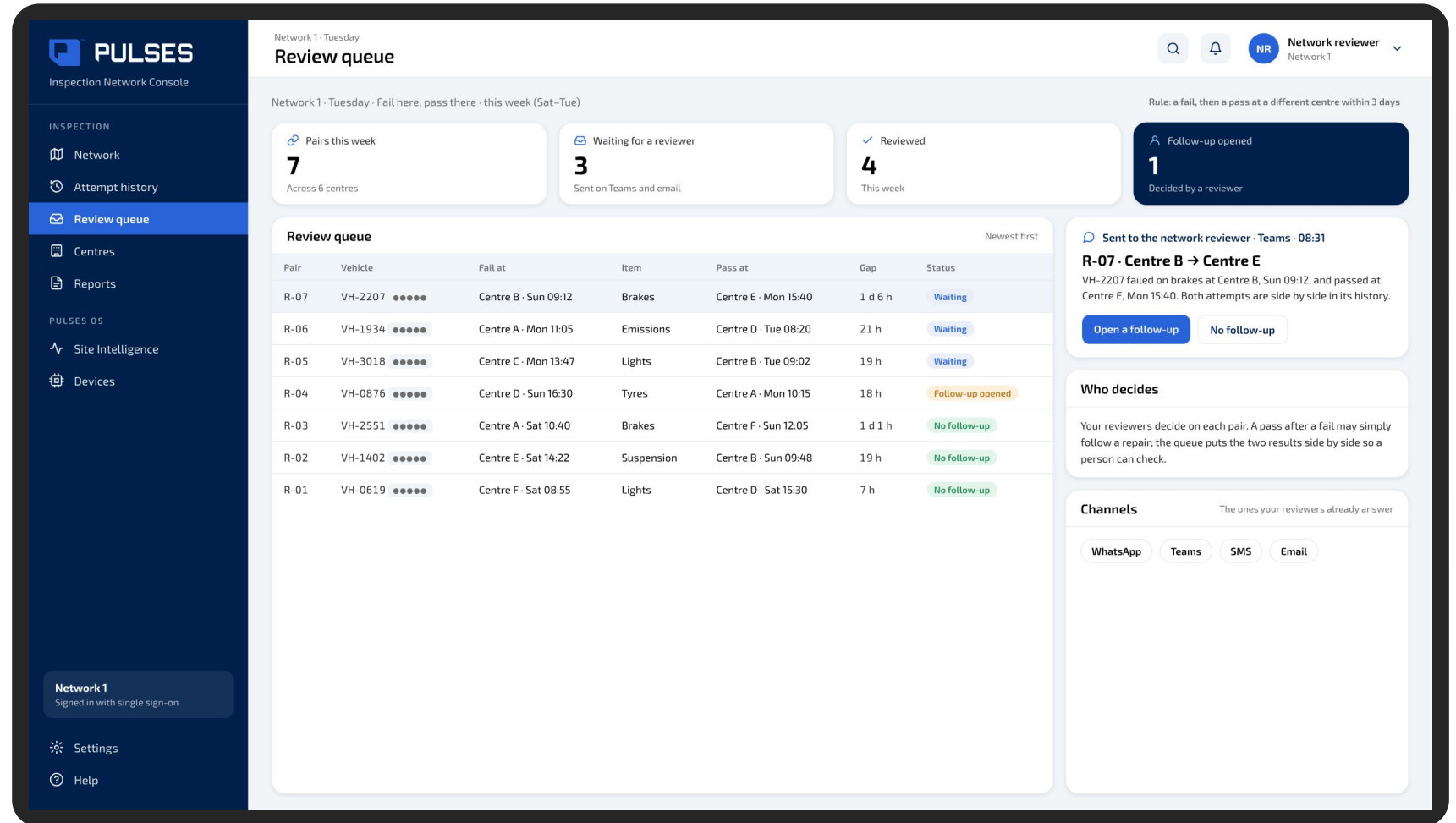
Insights, not images
All processing happens on the device; only anonymous metadata leaves. Plates are masked on every screen; no image of a vehicle leaves the lane.

Review queue

Worth a reviewer's look.

A fail followed by a pass elsewhere is flagged for review. Your reviewers decide what follows.

- A rule your team sets
- Sent on WhatsApp, Teams, SMS or email
- A person decides on each pair



The screenshot shows the PULSES OS Review queue interface. The left sidebar contains navigation options: INSPECTION (Network, Attempt history, Review queue, Centres, Reports), PULSES OS (Site Intelligence, Devices), and Network 1 (Signed in with single sign-on, Settings, Help). The main content area is titled 'Review queue' and shows a summary of the review process for Network 1 on Tuesday. It includes a rule: 'Network 1 - Tuesday - Fail here, pass there - this week (Sat-Tue)'. The summary shows 7 pairs this week across 6 centres, 3 waiting for a reviewer, 4 reviewed this week, and 1 follow-up opened. The main table lists the review queue with columns: Pair, Vehicle, Fail at, Item, Pass at, Gap, and Status. The table shows 7 pairs, with the first pair (R-07) failing at Centre B and passing at Centre E, and the second pair (R-06) failing at Centre A and passing at Centre D. The right sidebar contains a 'Who decides' section with a rule: 'Rule: a fail, then a pass at a different centre within 3 days'. It also shows a 'Channels' section with options for WhatsApp, Teams, SMS, and Email.

Review queue summary:

- 7** Pairs this week (Across 6 centres)
- 3** Waiting for a reviewer (Sent on Teams and email)
- 4** Reviewed (This week)
- 1** Follow-up opened (Decided by a reviewer)

Review queue table:

Pair	Vehicle	Fail at	Item	Pass at	Gap	Status
R-07	VH-2207	Centre B - Sun 09:12	Brakes	Centre E - Mon 15:40	1 d 6 h	Waiting
R-06	VH-1934	Centre A - Mon 11:05	Emissions	Centre D - Tue 08:20	21 h	Waiting
R-05	VH-3018	Centre C - Mon 13:47	Lights	Centre B - Tue 09:02	19 h	Waiting
R-04	VH-0876	Centre D - Sun 16:30	Tyres	Centre A - Mon 10:15	18 h	Follow-up opened
R-03	VH-2551	Centre A - Sat 10:40	Brakes	Centre F - Sun 12:05	1 d 1 h	No follow-up
R-02	VH-1402	Centre E - Sat 14:22	Suspension	Centre B - Sun 09:48	19 h	No follow-up
R-01	VH-0619	Centre F - Sat 08:55	Lights	Centre D - Sat 15:30	7 h	No follow-up

Who decides: Rule: a fail, then a pass at a different centre within 3 days. Your reviewers decide on each pair. A pass after a fail may simply follow a repair; the queue puts the two results side by side so a person can check.

Channels: The ones your reviewers already answer. Options: WhatsApp, Teams, SMS, Email.

PROOF

150 million+

journeys counted across Pulses deployments

Anonymous platform total



Made in UAE

Designed and made in the UAE.

All processing happens on the device; only anonymous metadata leaves.

NEXT STEP

Walk your network with us.

We go through your centres and your review with you.

Book a walkthrough — pulses.ai/demo

The full showcase, with the film:
pulses.ai/use-cases/inspection-network

The Operating System for the Physical World

Insights, not images.



Scan for the showcase

Built on

