PULSES

AI for the physical world.

VEHICLE INSPECTION

Each required check: done, or skipped.

For vehicle-inspection authorities and testing-centre operators: each required check on each equipped lane, both stages timed to the second, and each finding decided by your inspectors.

PULSES

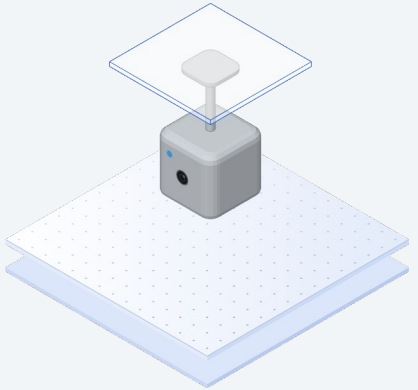
AI for the physical world.

WHAT THIS IS

Pulses.ai is a UAE-born Physical Intelligence company.

Pulses.ai builds Physical Intelligence for enterprises and government: edge-AI Vision Devices, designed and made in the UAE, that turn physical spaces — venues, stations, showrooms, service centers — into live, actionable insight. All processing happens on the device; only anonymous metadata leaves. See. Understand. Act.

For inspection centres: which checks get skipped?



SEE

Vision mounted above each lane

UNDERSTAND

Checks done or skipped, stages timed

ACT

Your inspectors decide

PULSES

THE PROBLEM

Nobody can say which required checks were skipped, or how often.

An inspection centre runs many lanes at once, and each inspection has required checks across two stages.

Coverage.

An inspector can only be at a few lanes at a time; everything else is taken on trust.

Disputed?

The proof is on record.

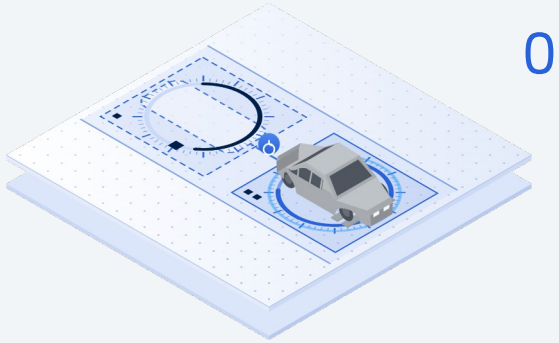
HOW IT WORKS

Pulses Vision Devices understand each session on each equipped lane.

01

Every required check

Each required check on each equipped lane, in each session: done, or skipped. In each centre, which checks get skipped, and how often.



02

Both stages, timed

Both stages timed to the second, even when your inspection system records no timings.

03

Your inspectors decide

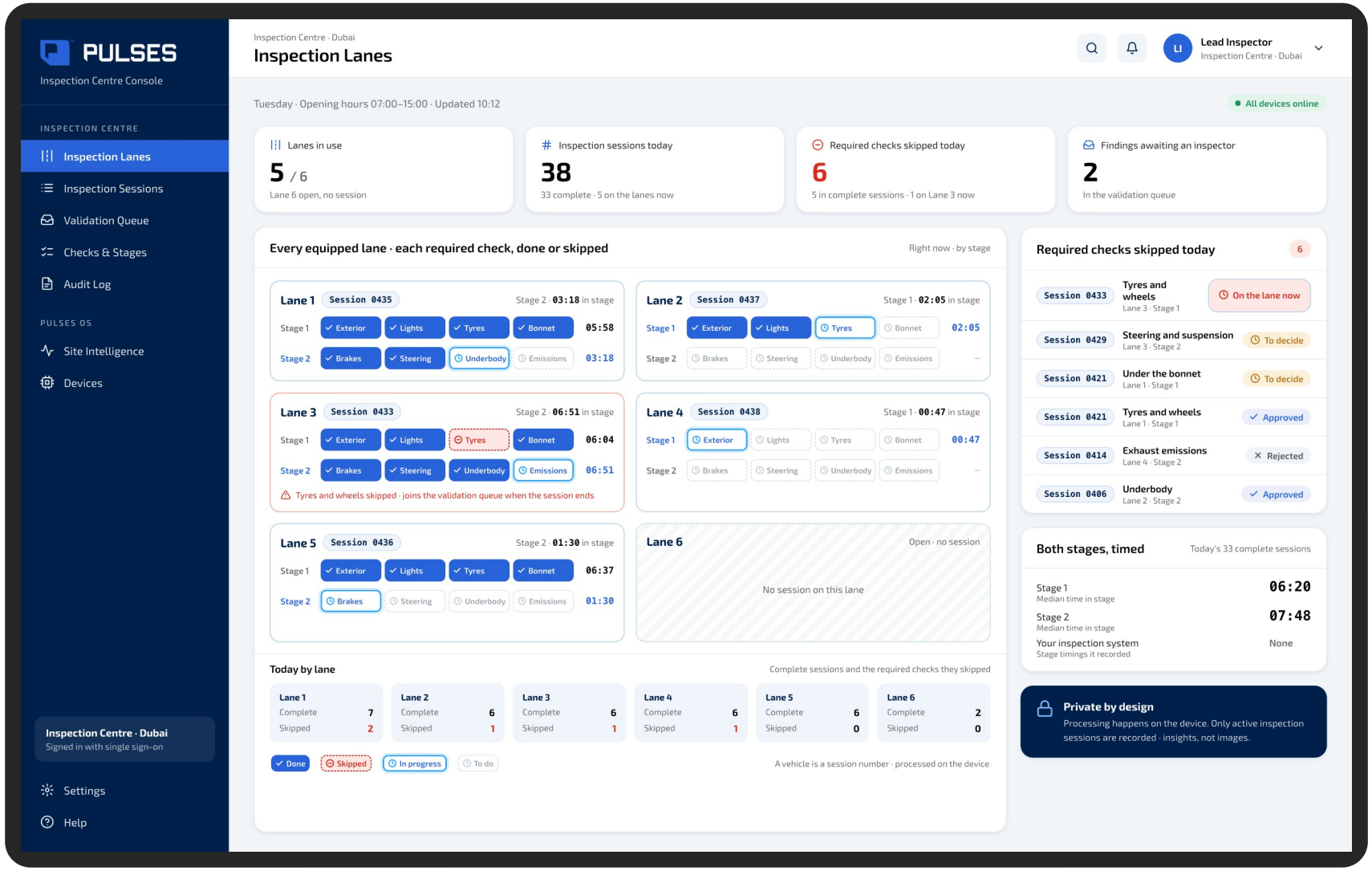
One validation queue. Your inspectors approve or reject each finding; approved findings go into your own system after the inspection. Pulses does not issue fines.

PULSES OS

Inspection Lanes

Done, or skipped.

- Every equipped lane, the session on it
- Each required check, done or skipped, by stage



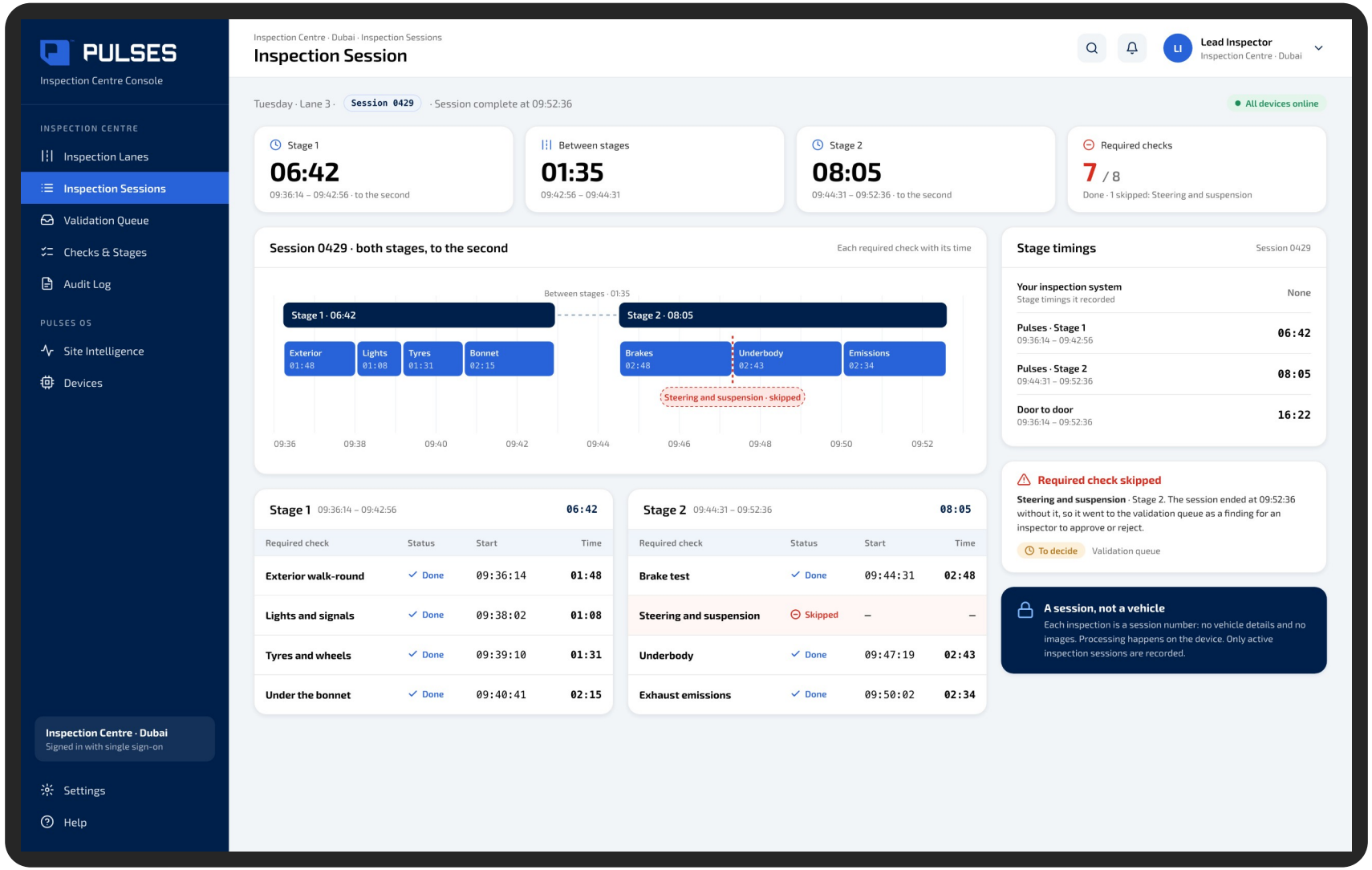
PULSES

PULSES OS

Inspection Session

Both stages, to the second.

- One session, both stages timed to the second
- Each required check with its time
- Even when your inspection system records no timings



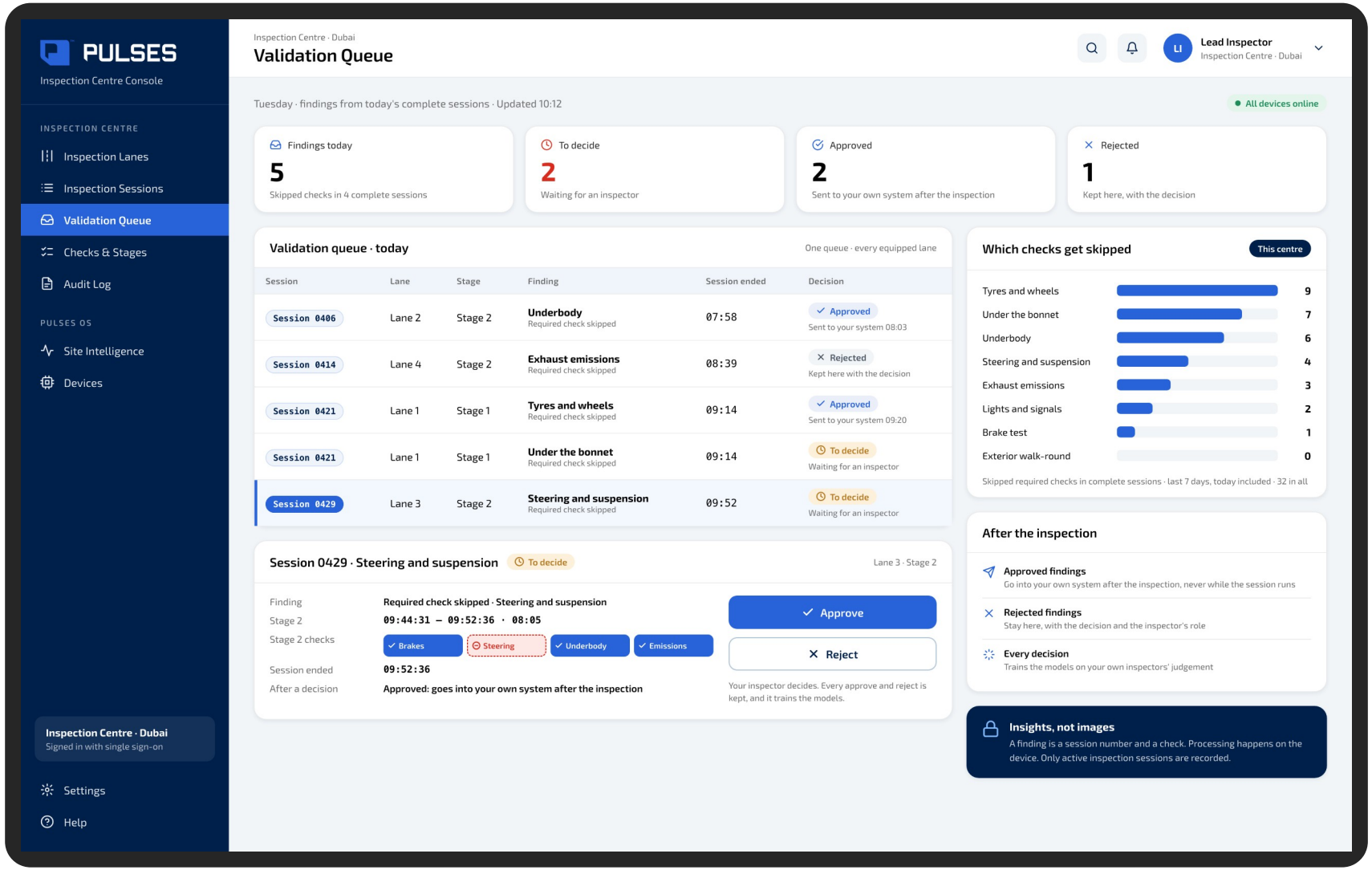
PULSES

PULSES OS

Validation Queue

Your inspectors decide.

- Findings waiting for an inspector to approve or reject
- Which checks get skipped, and how often
- Approved findings go into your own system after the inspection



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PRIVACY

Privacy by architecture.

- Processing happens on the device.
- Only active inspection sessions are recorded.

Insights, not images.

PROOF

150 million+

journeys counted across Pulses deployments

Anonymous platform total

PULSES

AI for the physical world.

NEXT STEP

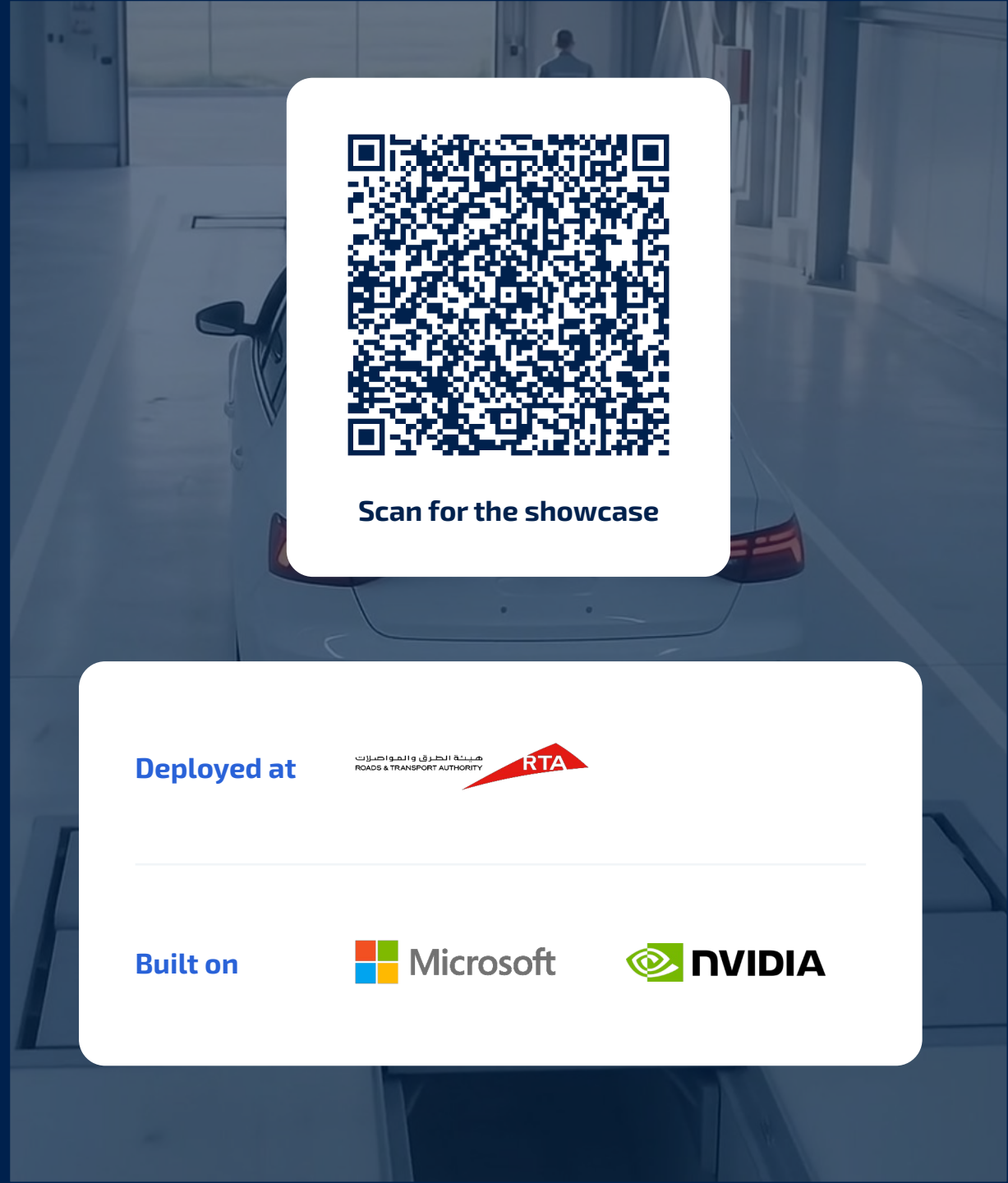
Each required check: done, or skipped.

Book a walkthrough — pulses.ai/demo

The full showcase:
pulses.ai/use-cases/vehicle-inspection

Insights, not images.

Made in UAE



Scan for the showcase

Deployed at هيئة الطرق والمواصلات ROADS & TRANSPORT AUTHORITY RTA

Built on Microsoft NVIDIA