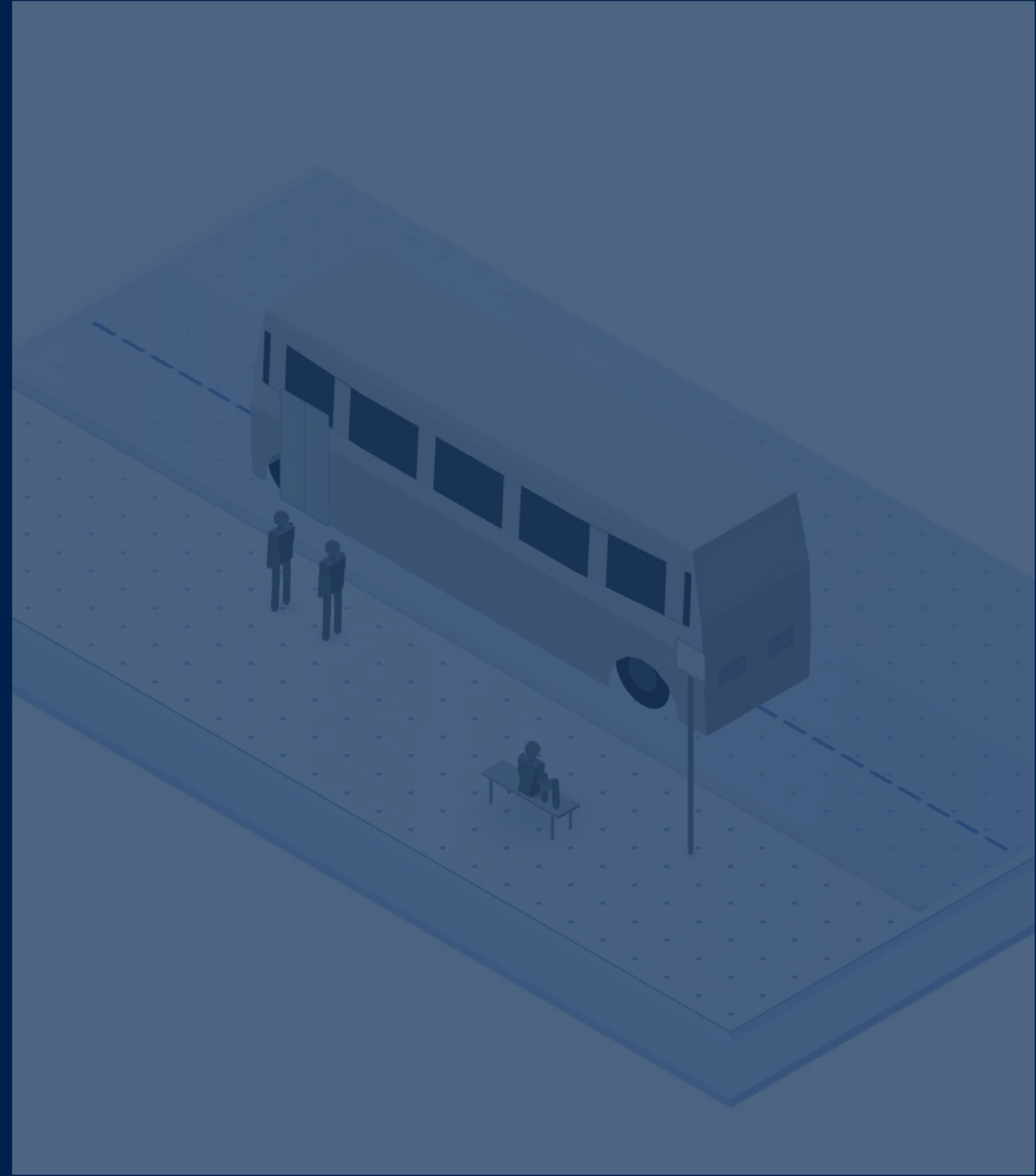


BUSES AND FLEETS

Ridership, stop by stop.

Who boards where, who comes back, and how full each trip runs.



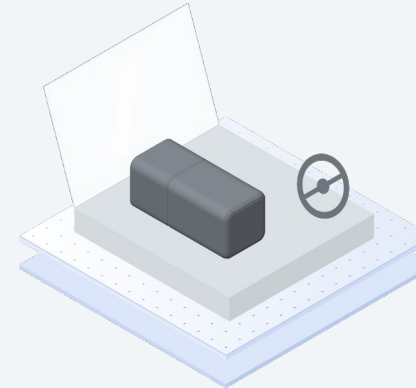
WHAT THIS IS

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

For bus and fleet operators: boardings go uncounted.

The Operating System for the Physical World

HOW IT WORKS



SEE

Pulses Vision Roam rides on board

UNDERSTAND

Boardings, riders and load, understood

ACT

Your planners get load by stop

THE PROBLEM

No count at the door.

Yet boardings go uncounted, and the timetable runs on guesswork.

Counted a few days a year.

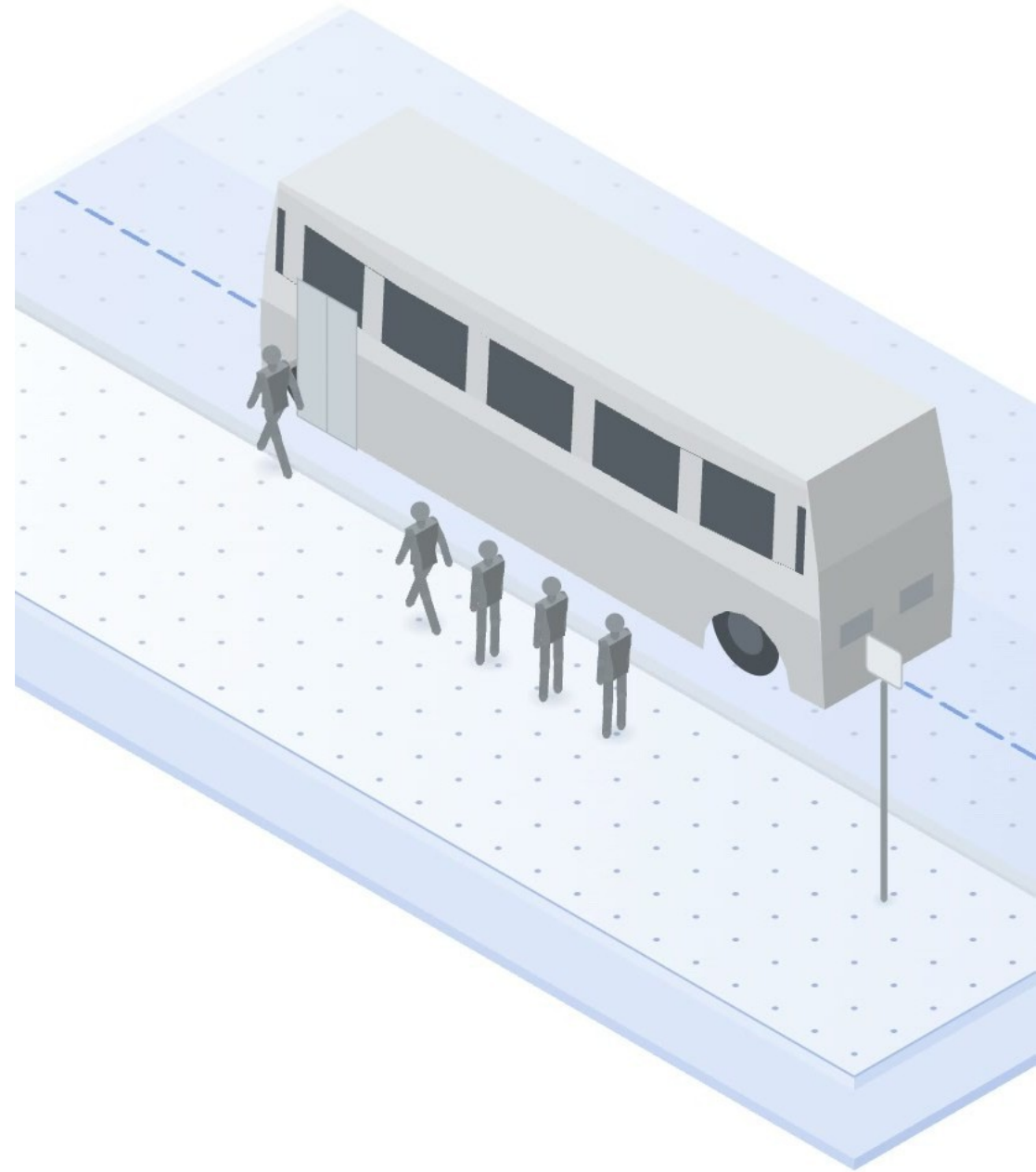
Clickers and surveys see a sample, not the route.

Full here, light there.

One trip runs full while the next runs nearly empty.

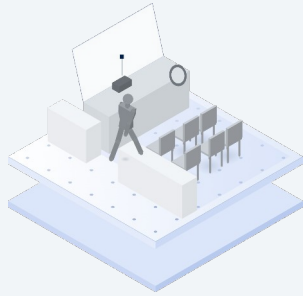
A site that moves.

No ceiling to hang from; the work happens on board.



HOW IT WORKS

From the door to the planning desk.



01

Pulses Vision Roam rides on board

A Puls Vision Roam device rides in the vehicle and does its work on board.

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



02

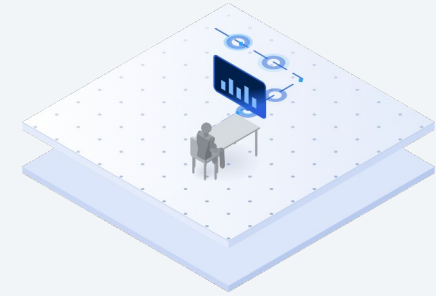
Boardings, riders and load, understood

Boardings and alightings are counted at each stop, no clicker.

The load on board between stops, trip by trip.

New and repeat riders are counted, and no identity is kept.

The rider mix by age band, where policy allows.



03

Your planners get load by stop

The load shows by stop and by hour, across the fleet.

Planners see which trips run full, and which run light.

ACROSS THE NETWORK

From one bus to the fleet.

Devices that ride along

In-vehicle devices: analytics from a moving bus, van or shuttle.

Each passenger, counted

Boardings per stop, new and repeat riders, the rider mix.

All vehicles, one picture

Routes and vehicles on one page.

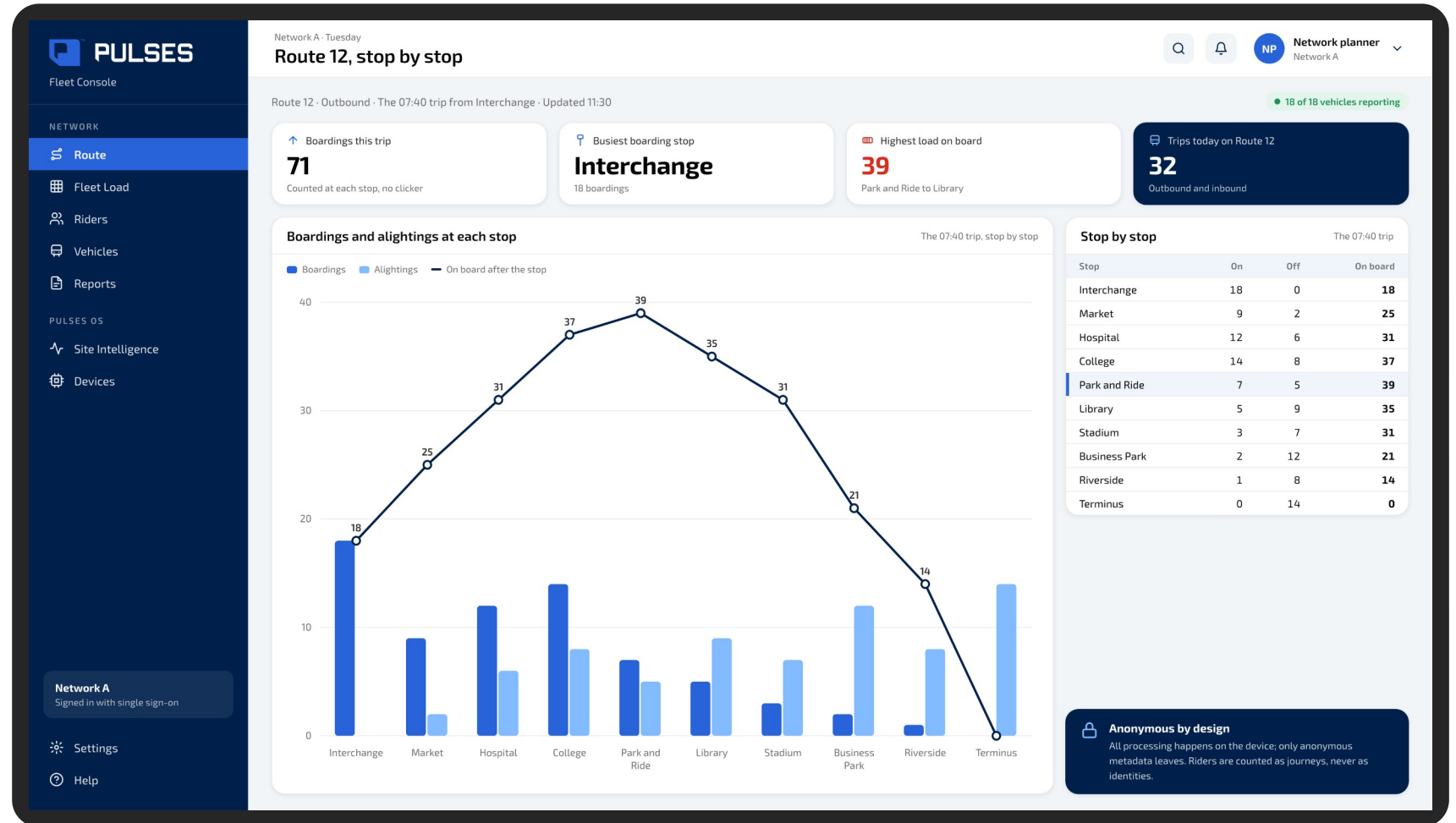
Nothing personal kept

Insights, not images: no image leaves the vehicle, no identity is kept.

Route

Boardings at each stop.

- Boardings and alightings at each stop of one trip
- The load on board between stops

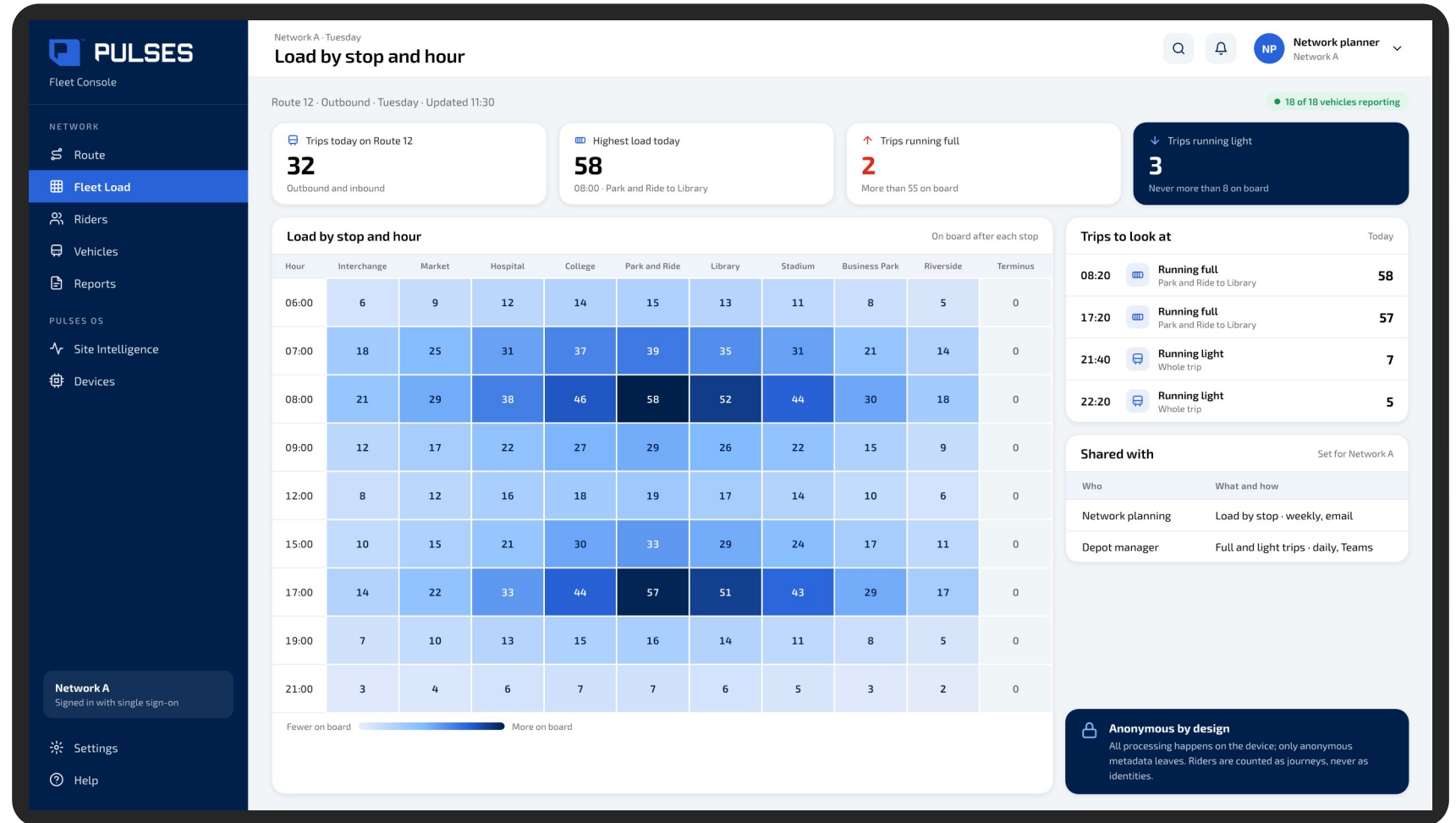


PULSES OS

Fleet Load

Load by stop and hour.

- Load by stop and hour, across the day
- Full and light trips, shared with network planning

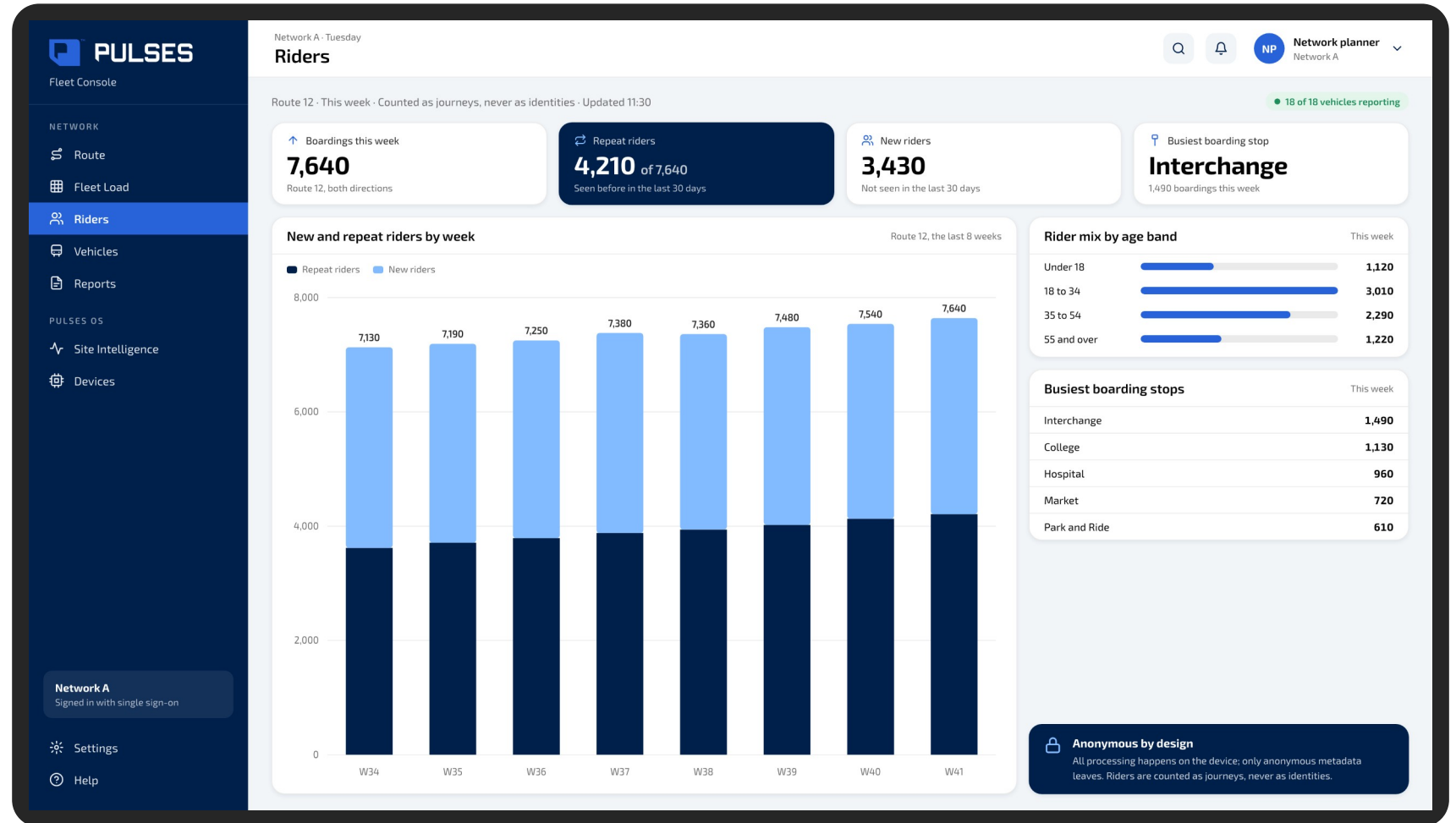


PULSES OS
Riders

New and repeat riders.

- New and repeat riders by week
- The rider mix by age band, and the busiest boarding stops

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



PROOF

150 million+

journeys counted across Pulses deployments

Anonymous platform total

NEXT STEP

Ride your route with us.

We walk through one route with you, stop by stop.

[Book a walkthrough — pulses.ai/demo](https://pulses.ai/demo)

The showcase page:
pulses.ai/use-cases/fleet-ridership



Scan for the showcase

Built on

