Vigilo

Charter buses · Ecuador

Fleet management for motorcoaches

All your motorcoaches tracked in real time, with the route of every trip and its driver, and the accessories that save the most, on one platform.

- Real-time tracking
- Preventive maintenance
- Online cameras

-15 %
fuel consumption*

+15 %
productivity*

-15 %
overtime hours*

-10 %
miles driven*

THE PLATFORM

The most complete control over all your motorcoaches

All your fleet data in one dashboard: what is happening right now and what happened today, this week or this month.

Real-time tracking

Every vehicle on the map, with its location, status, speed, distance traveled and much more.

Detailed trip reports

Departure and arrival times, average and top speed, stops made and the duration of each stop.

Trip history

Each vehicle's routes on the map, with past dates, times and trips.

Driver ID

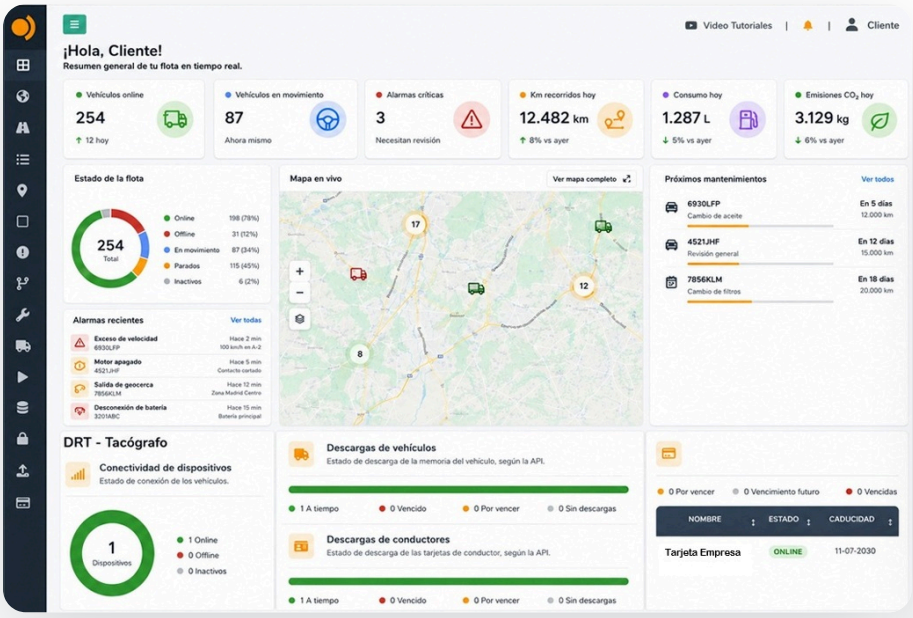
Which driver is behind the wheel of each vehicle, in real time and in the trip history.

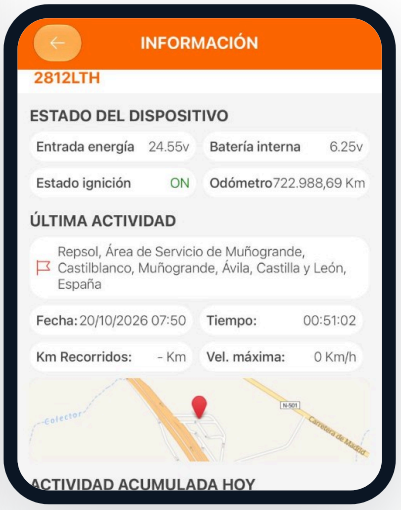
CANBUS data

Fuel use, tank level, RPM, engine hours and odometer from the vehicle, alongside GPS trips.

Access from anywhere

Web platform and app to monitor your entire fleet 24 hours a day, 365 days a year.

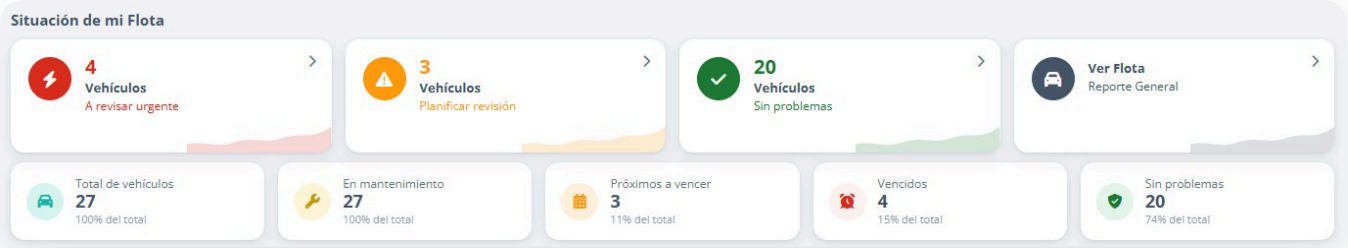




PREVENTIVE MAINTENANCE

Your motorcoach maintenance, up to date and never missed

Vigilo keeps track of the mileage, engine hours and dates of every motorcoach and alerts you before each service. At a glance you see which vehicles need service now, which to schedule and which are in good shape.



Alerts by miles, hours or date

Every schedule runs on the actual mileage and engine hours from the tracker, not on estimates or spreadsheets.

Nothing goes overdue

Oil, filters, tires, brakes, state inspection: alerts before each due date.

Full history for every motorcoach

Every job is logged with its date, mileage and cost: useful for warranties, audits and when you sell the vehicle.

Fewer road calls

A part replaced on time won't leave the motorcoach stranded in the middle of a trip.

Scheduled shop visits

Service is planned when it disrupts the least, not when the vehicle breaks down.

Safer passengers

Brakes, tires and steering checked on time: safer for drivers and passengers.

Where you save by keeping maintenance up to date

1. **Cheaper repairs**
   Scheduled service costs less than an emergency repair: parts at regular prices, no rush fees and no knock-on damage to the engine or transmission.
2. **No tow trucks or roadside calls**
   No towing and no sending a mechanic out to wherever the vehicle broke down.
3. **No lost trips**
   No replacement motorcoaches, no canceled or subcontracted trips and no passengers waiting because of a breakdown.
4. **Less downtime**
   Drivers aren't left waiting around and the shop works by appointment, with no overtime.
5. **Less fuel**
   Clean filters, fresh oil and proper tire pressure help keep fuel use under control.
6. **Vehicles that last longer**
   Less wear on the engine, brakes and transmission, and a full service record that protects resale value.
7. **No fines or out-of-service orders**
   Inspections on time: no fines and no vehicles sidelined by expired paperwork.

16,330 US$
a year in the example

"Mileage and maintenance" line in the calculator on this page: 10 % fewer miles and related costs in the example of 10 vehicles. On top of that, every breakdown avoided.

ONLINE CAMERAS

See what happens on every bus

Cameras with 4G, GPS and artificial intelligence. See the road and the inside of the cab at the same time from your computer or cell phone, with the GPS position on the map, on the same Vigilo platform.

1080p video | 4G + GPS | AI-powered ADAS + DMS | Up to 512 GB | Up to 3 cameras

ADAS: the camera that watches the road

Artificial intelligence analyzes the forward camera image and warns the driver before a risk turns into a crash.

- **Forward collision risk**: warns if the vehicle closes in too fast on the one ahead.
- **Lane departure**: alerts when the vehicle drifts out of its lane without signaling.
- **Following distance**: makes sure a safe following distance is kept.
- **Speeding**: alerts when the vehicle exceeds the speed you set.

DMS: detects fatigue and distraction

The in-cab camera analyzes the driver's face and behavior and sends the alert with video to the platform.

- **Fatigue and drowsiness**: closed eyes, yawning and nodding off.
- **Phone use**: talking on or checking a phone while driving.
- **Smoking while driving**: detects smoking in the cab.
- **Distraction**: eyes off the road for too long.

Live video over 4G

Real-time camera access from the platform and the app.

Recording with audio

Continuous and event-triggered, with sound, on a card of up to 512 GB.

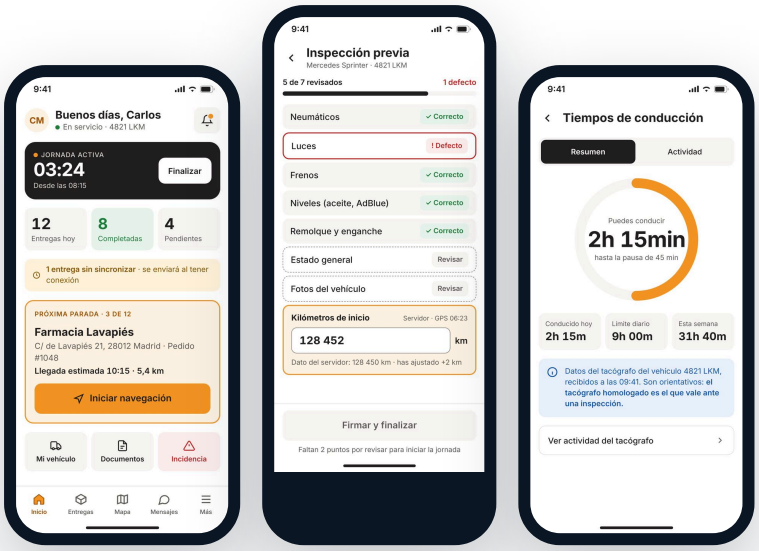
Video alerts

After a collision or an unusual event, the camera uploads the video as evidence.

DRIVER APP

The driver's workday, connected to your fleet

Start of shift, vehicle inspection, hours of service, documents and incidents on the driver's cell phone, with data from the GPS tracker already installed in your vehicles.



1. **Assigned vehicle, verified miles**
   The driver sees the vehicle assigned by dispatch and confirms the mileage from the tracker.

2. **Paperless pre-trip inspection**
   Pre-trip checklist with defects, notes and photos before the shift starts.

3. **Hours and documents at hand**
   Time until the next break, daily and weekly driving, and documents with expiration dates.

4. **Incidents and messages with dispatch**
   Alerts with photos and location, quick replies and an SOS button.

Driver APP

Fewer calls to dispatch, paperless inspections and mileage verified by GPS. More details and its own calculator at vigilo.ec/en/app-conductor.

SAVINGS

How much you save with GPS and accessories

Two ballpark examples worked out with the calculators on this page. Replace them with your own fleet data at vigilo.ec.

With GPS (example: 10 motorcoaches)

Fuel	-8 %	US$44,790
Mileage and maintenance	-10 %	US$16,330
Overtime	-15 %	US$10,498
Total per year		US$71,618

With the Driver APP and accessories (example on this page)

Driver APP: calls, paperwork and reports	US$10,080
Online cameras: incident handling	US$864
Total per year	US$10,944

≈ US$82,562

a year in the examples

saved per year with GPS and accessories in these examples.

Safer operations

Video and alerts for collisions, fatigue or distraction: better protection for drivers and passengers.

Less office time

Routes, reports and maintenance reach the platform automatically.

Trips under control

Know where every motorcoach and every trip is without calling the driver.

HOW WE CALCULATE IT

The example numbers, one by one

Where you save per year in the examples

Fuel	US$44,790
Mileage and maintenance	US$16,330
Overtime	US$10,498
Driver APP: calls, paperwork and reports	US$10,080
Online cameras: incident handling	US$864

EXAMPLE DATA

GPS (WEBSITE CALCULATOR)

Type	Transport
Number of vehicles	10 units
Kilometres per vehicle per month	9,000 km
Average consumption	32.0 l/100 km
Fuel price per litre	1.62 US$/l
Overtime hours per driver per month	30 h
Cost per overtime hour	19.44 US$/h

YOUR STAFF

Hourly cost of your staff	US$8

DRIVER APP

Drivers using the Driver APP	15
Minutes saved per driver per day	20 min

ONLINE CAMERAS

Incidents a month resolved with video	3
Admin hours saved per incident	3 h

* Average figures from Vigilo customers; results vary by fleet and use. The savings examples are ballpark figures, not real customer data. Calculate yours on our website with your own data.

Want to see it on your fleet?

We will set up a demo and a tailored proposal with the GPS and accessories your fleet needs.

STEP 1

Demo

We show you the platform and the app with real fleet data.

STEP 2

Proposal

Together we choose the right tracker and accessories for each motorcoach.

STEP 3

Installation

We install the hardware and your motorcoaches show up on the platform from day one.

Request your demo at vigilo.ec

Scan the code to see our motorcoach fleet management page and calculate your savings.

vigilo.ec/en/localizador-gps-buses-turismo

PHONE

+593 99 325 0000

WHATSAPP

+593993250000

EMAIL

info@vigilo.ec

WEBSITE

www.vigilo.ec

OFFICES IN ECUADOR

Centro de Negocios River Plaza, piso 2, of. 210 · Av. León Febres-Cordero km 13,5 · 090602 La Aurora, Daule · Guayaquil

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