ECO Drive —

an application focused on asessing and enhancing skills
for economical truck driving

ecoDRIVE®
SAVE MORE.

Who is this solution for?

Transport companies

In the short term, paying attention to road conditions and careful operation of vehicles can reduce costs and ensure cargo safety.

In the long term, it has have a positive impact on traffic safety and the environment

With ECO Drive, savings turn into profits

Vehicle manufacturers

Creating more powerful and economical trucks does not resonate with fleet owners whose drivers continue to use outdated driving methods, failing to fully realize the vehicle's potential

Improving economical driving skills can change this situation

Satellite monitoring systems integrators

Economical driving is a required skill for international drivers transporting goods to European countries.

Therefore, applications for assessing driving quality are already in high demand

Be among the first to offer your clients a turnkey solution

How does ECO Drive work?

The application collects information from the CAN using equipment installed in the vehicle. Then patented calculation algorithms compare the received data with a reference value and generate a driving quality score

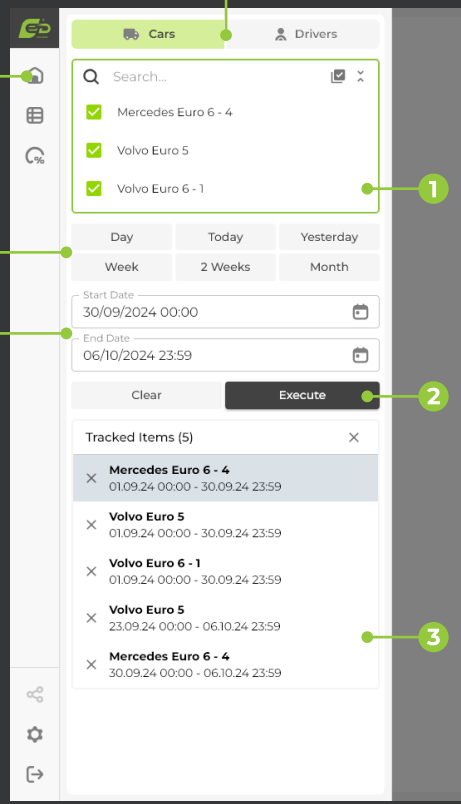
Main Window

selection, configuration, and editing of objects and intervals

List of available drivers or cars

Predefined intervals

Custom interval configuration



1. To receive a driving score, select one or more vehicles or drivers from the list
2. Set the time interval and confirm the action
3. Adjust the objects and intervals in the navigation panel if necessary

Main Window Workspace

Summary Table Window

detailed information for the specified interval, overall driving assessment

Select data source: CAN or GPS

Column configuration, visibility, sorting

Show drivers assigned to the vehicle

With ECO Drive, you can compare drivers against each other:

discipline aggressive ones, encourage excellent ones, motivate laggards

Summary Table Workspace

Criteria tabs

Object tabs

Detailed information about the criteria

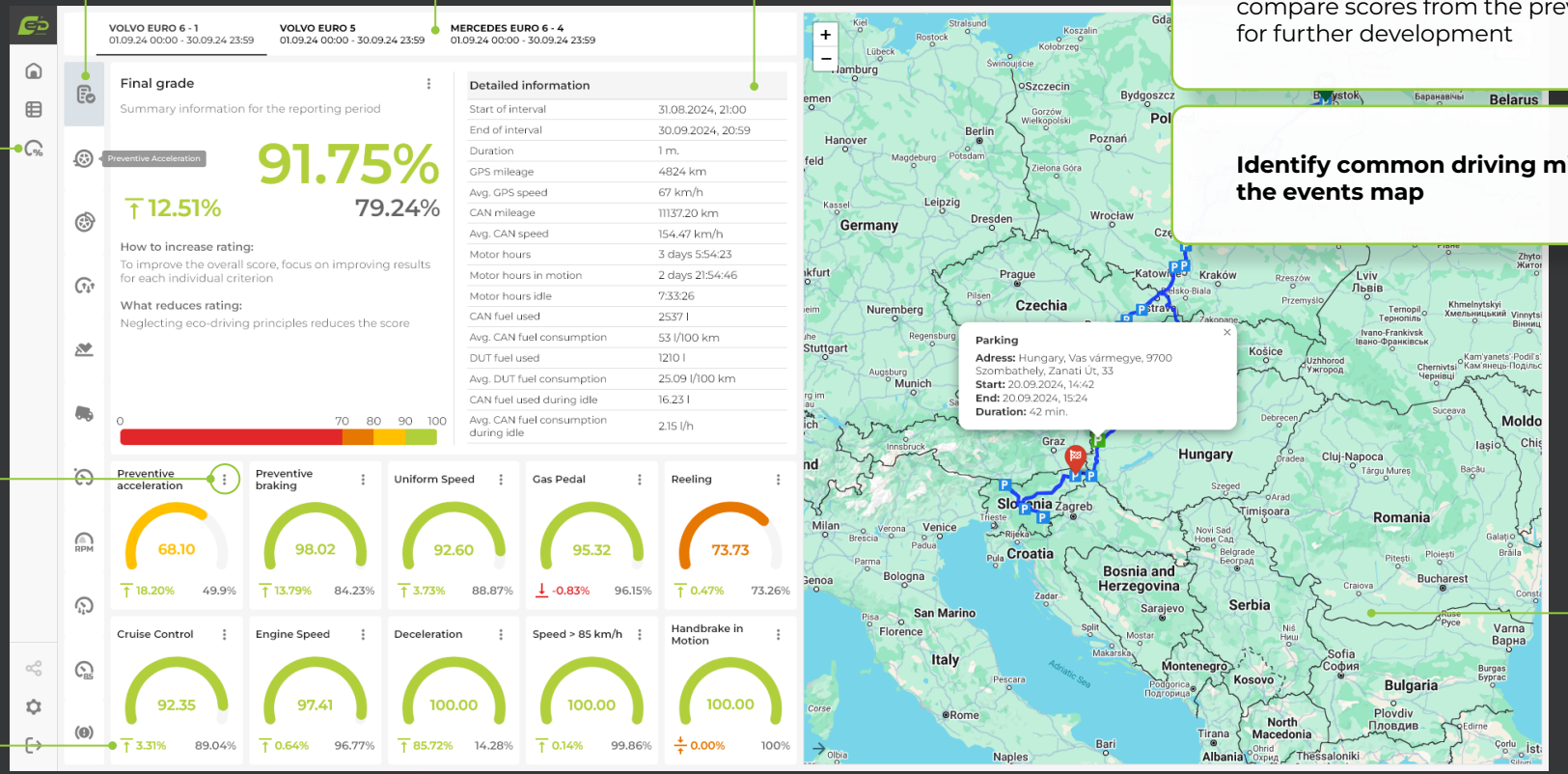
mileage, fuel consumption, engine hours, speed, etc.

Driving Assessment Window

overall score and quality assessment based on 10 criteria

Detailed description of the criterion, tips for the driver

Comparison of the score with the results from the previous period



Observe how the driver improves economical driving skills or maintains the status quo:

compare scores from the previous period and identify areas for further development

Identify common driving mistakes by analyzing the events map

Map displaying the driving assessment

route, stops, events

Driving Assessment Workspace

ECO Drive evaluates driving quality based on ten parameters, each ranging from 0 to 100%

you can read a brief description of each criterion below

ECO Drive Control Indicators: brief description

PREVENTIVE ACCELERATION

This criterion evaluates the driver's ability to take into account the road situation while accelerating: the fewer speed fluctuations during acceleration, the more economical driving is.

- ✓ fuel consumption
- ✓ driving efficiency

EVEN SPEED

This criterion evaluates the duration of movement and changes in the amplitude of the reference speed during driving

- ✓ fuel consumption
- ✓ driving efficiency

ACCELERATOR PEDAL

This criterion takes into account the frequency and intensity of pressing the pedal, since any impact, even minor, leads to fuel supply for acceleration

- ✓ fuel consumption
- ✓ driving efficiency

PREVENTIVE BRAKING

This criterion evaluates the driver's ability to predict the road situation while decelerating the car, which helps to prolong the lifespan of brake pads and discs

- ✓ braking system
- ✓ driving efficiency

DECELERATION

This criterion evaluates the ratio of using the footbrake pedal and non-wearing braking systems

- ✓ braking system
- ✓ driving efficiency

HANDBRAKE IN MOTION

This criterion records the facts of use and evaluates the suitability of applying the parking brake while driving

- ✓ braking system
- ✓ driving efficiency

ECO Drive Control Indicators: brief description

CRUISE CONTROL

This criterion evaluates the duration of driving in cruise control mode, which contributes to fuel savings and reduces vehicle strain

- ✓ fuel consumption
- ✓ braking system
- ✓ engine strain
- ✓ driving efficiency

REELING

The criterion evaluates the driver's ability to use the kinetic energy of the vehicle [coasting motion] while driving

- ✓ fuel consumption
- ✓ braking system
- ✓ engine strain
- ✓ driving efficiency

SPEED > 85 KM/H

This criterion records cases of exceeding this value, as speeds above 85 km/h for trucks are inefficient and pose a driving hazard

- ✓ fuel consumption
- ✓ driving efficiency

ENGINE SPEED

This criterion evaluates the driver's ability to help the vehicle maintain engine RPM in the green zone, reducing engine strain and extending its lifespan

- ✓ engine strain
- ✓ driving efficiency

«The main advantage of using ECO Drive is that drivers strive and gradually improve their results, and there's the ability to follow these improvements. You can see it by the indicators» —

feedback from a partner after 6 months of using the application

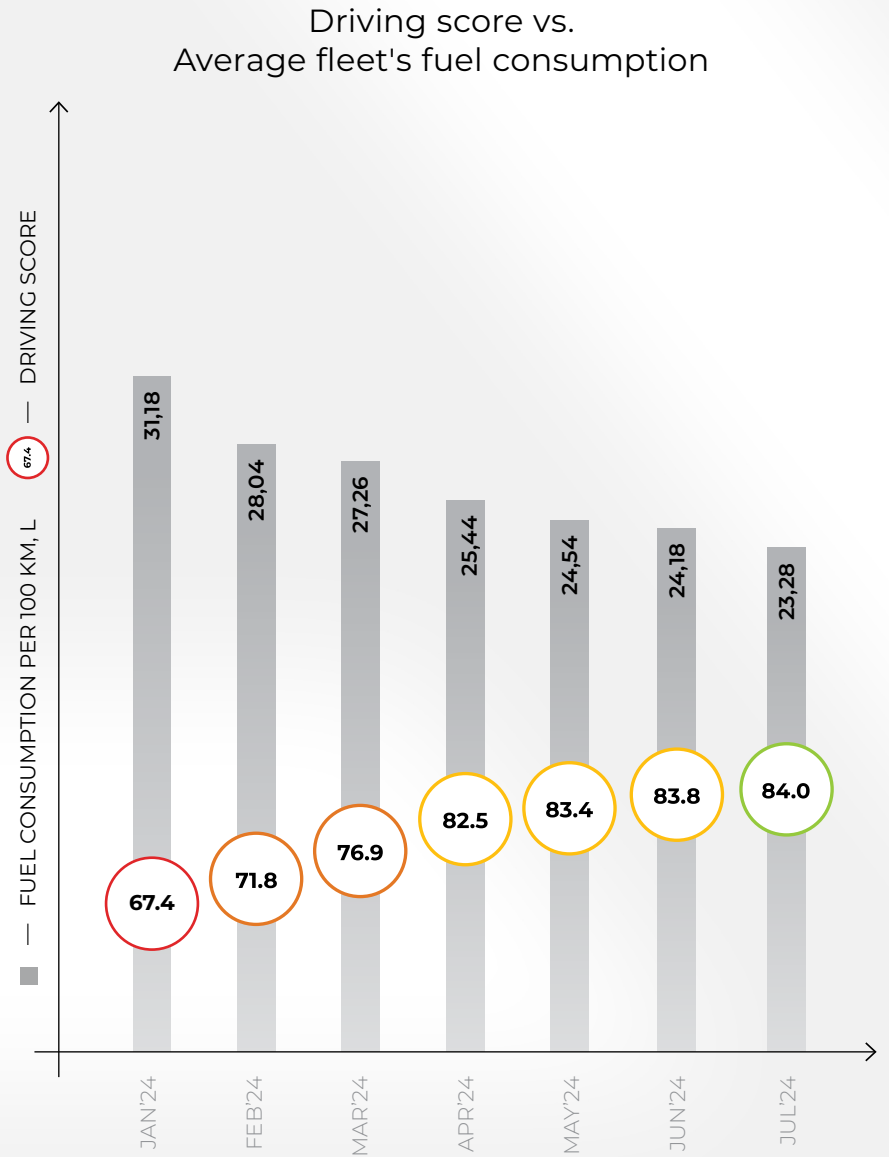
case # 1

Customer:

a company providing international cargo transportation services

Usage Period:

6 months +



There's a noticeable reduction in the average fuel consumption across the fleet as the skill of economical driving improves

case # 1

Amount of fuel saved from February to July — 1189 liters*

* Calculated relative to the consumption rates set for each month

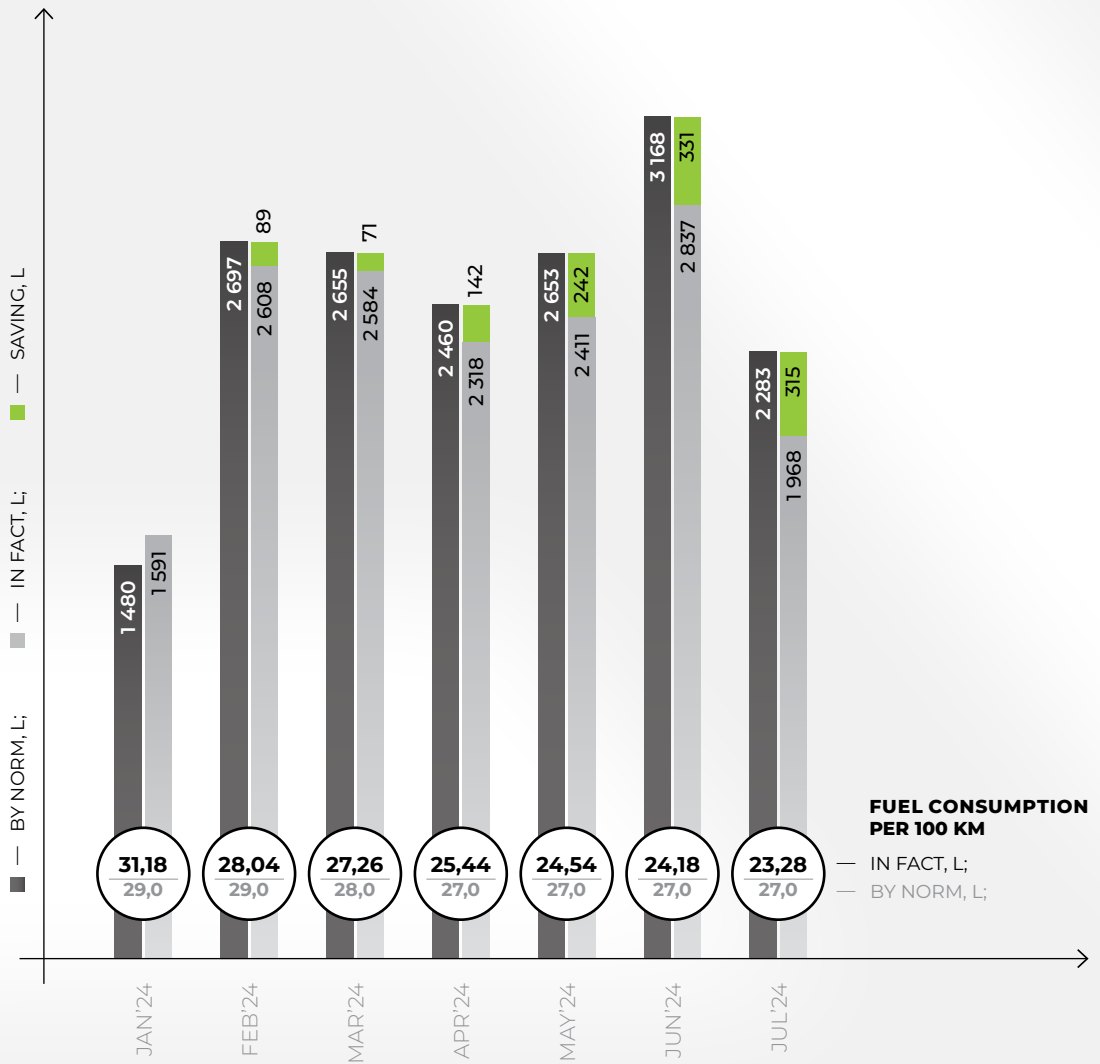
Customer:

a company providing international cargo transportation services

Usage Period:

6 months +

Fleet's fuel consumption results by norm vs. actual values



«**We would like to note the cross-platform nature and versatility of this system. It showed stable results and identical driving style analysis on different cars by different brands and configurations» —**

feedback from a partner who has been using the application for several years

case #2

Total estimated cost reduction for one truck + MEGA semi-trailer —

8500 € per year

Customer:

a company providing international cargo transportation services

Fleet:

Mercedes-Benz Actros MP4 Euro 6, MAN TGX Euro 6, MAN TG3 Euro 6, VOLVO FH Euro 6, KAMAZ 5490, KAMAZ 54901, IVECO STRALIS EEV

Usage Period:

24 months +

Result for 12 months

24,9 l / 100 km average annual **fuel consumption** in the fleet	29,7 l / 100 km average annual **fuel consumption before** implementing ECO Drive
0,84 l / 100 km average annual **AdBlue consumption** in the fleet	1,20 l / 100 km average annual **AdBlue consumption before** implementing ECO Drive
650K km **brake pad lifespan** for the truck	350K km **brake pad lifespan before** implementing ECO Drive
550-600K km **brake pad lifespan** for the semi-trailer	300-350K km **brake pad lifespan before** implementing ECO Drive
0,7 mm / 100K km **brake disc wear**	1,2 mm/ 100K km **brake disc wear before** implementing ECO Drive

Average transported weight – 14 tons; average mileage per vehicle – 132,000 km

case #2

Drivers with a driving score of 90+ generally show low fuel consumption regardless of the weight of the transported cargo

*photo provided by the customer

Bialystok - D99 Germany

Cargo weight: 22 tons, 12 tons on the return way
Fuel consumption: 20.4 liters / 100 km

Customer:

a company providing international cargo transportation services

Fleet:

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Usage Period:

24 months +

ECO Drive is the key to

freeing up funds for further development

cutting maintenance costs

extending the lifespan of individual components
and the whole vehicle

reducing downtime for service

lowering fuel consumption

One of the ECO Drive's advantages is that the application
can work outside the monitoring system

you won't need to change your current telematics or operator

The application is available in English, Polish and Russian, and is successfully operating in the CIS and European countries

ECO DRIVE®
SAVE MORE.

Learn more about the possibilities of ECO Drive by calling

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