



BOXtracker ECO – our ultimate vehicle telematics solution

In today's challenging economic climate, it is critically important for businesses of all types to reduce operational costs, improve efficiency and to do all they can to retain customers and win new business.

BOXtracker ECO is our new vehicle tracking solution that gives you precise and detailed insight into how your vehicles are being driven. **BOXtracker ECO** is both **ECO**nomical and **ECO**logical. Fuel is often the largest single operational cost for any fleet. With our solution we arm you with the information you need to reduce your fuel usage and save you money. Lower fuel usage means a smaller Carbon Footprint and a reduction in the effect that your fleet has on the environment.

BOXtracker ECO allows you to:

- reduce fuel bills and reduce your carbon footprint
- increase employee safety and help with Duty of Care
- increase productivity
- improve customer service and help you retain customers



GENERAL OVERVIEW

All modern vehicles have a number of electronic systems that monitor and control various parts / functions of the

vehicle (including transmission, braking, cruise control, airbags and power steering). These systems talk to each other via the **CANbus** and **BOXtracker ECO** is able to connect to this and gather information.

The unit sends this information to our servers at regular intervals, and it is then accessible via our secure Spoton[™] application.

BOXtracker ECO will help you in the following ways:

Reduce Fuel Usage

Not only does **BOXtracker ECO measure fuel usage**, because it also measures: **torque**, **RPM**, **throttle position and idling**, you now have an understanding of the factors that are affecting your fuel economy.

Improve Safety

Our solution measures, reports and alerts on factors such as: **throttle position**, **harsh braking and acceleration and the number of brake applications**. You can now spot "tailgating" and aggressive driving and work with your drivers to adopt a more conservative driving style and improve safety.

In-Vehicle Driver Alerts

BOXtracker ECO will alert your drivers in the vehicle whenever they perform any unauthorised actions. This greatly assists in actively moderating driver behaviour.

Reduce Carbon Footprint

Reduced Fuel Usage = Lower Carbon Emissions.



Reduce Wear and Tear

BOXtracker ECO will report on **eco driving, axle weights, harsh braking and acceleration**. With this data, you can proactively reduce the wear on your vehicles, lower your maintenance costs and increase the resale value of your vehicles.





For more information on what our solution will do for you, please see below.

Accurate Fuel Level and Fuel Usage Data		
 Current Fuel Level at ignition off or on demand. Trip Fuel information lets you know how much fuel was used on each journey. 	 Helps to prevent misuse of fuel cards and theft. Monitor and compare the fuel economy of your drivers. 	
Tachograph Data (option)		
Get detailed information from the vehicles Tachograph on driving times; rest periods etc.	 Ensure driver compliance. Reduce the risk of fines. Fulfil your Duty of Care obligations. 	
Harsh Acceleration / Over-revving / High Torque Detection		
Get up to the minute information on driver behaviour and driving style.	 Reduce fuel use by moderating aggressive driving. Reduce engine wear caused by over-revving. Save money. 	
Harsh Braking / No. of Brake Applications		
 Harsh braking can indicate an aggressive driving style. A high number of brake applications can indicate "tailgating". 	 Reducing wear and tear will save you money. Improve safety by discouraging dangerous driving behaviours. 	
Idling		
A van / truck can use several litres of fuel per hour when idling. BOX-tracker ECO will accurately measure true idling.	 By monitoring and reducing idling, you will: Save money by reducing fuel consumption. Reduce maintenance costs by reducing wear and tear. 	
Eco driving / RPM Threshold Monitoring		
By staying within defined RPM thresholds, a vehicle is able to drive at optimum efficiency and economy.	Reduce wear and tear on your vehicles.Lower fuel consumption means you save money.	
Axle Weights (option)		
Accurate and detailed information can be obtained on axle and trailer weights.	 Helps to prevent large fines for over-loading. Allows you to monitor load distribution and helps to prevent damage caused to vehicle by uneven loads. 	
In-Vehicle Driver Alerts		
Our sophisticated and configurable hardware, allows us to provide an in-vehicle warning to the driver whenever he is driving aggressively. *the exact data / information available is vehicle dependent.	 warning to the driver whenever he is safety. Being alerted when driving aggressively will provide a realtime reminder for your drivers to reduce the behaviours that contribute to poor fuel economy. 	

*the exact data / information available is vehicle dependent.

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ADDITIONAL SYSTEM FEATURES AND BENEFITS

Detailed and accurate tracking with Up-to-date Mapping

Minute-by-minute updates of fuel used driver behaviour, location, speed, driving time and distance travelled.

- You now know where ALL of your mobile workers are at all times.
- Allocate the nearest driver to the job.
- Confirm and corroborate mileage claims
- Switch between ultra accurate street-level mapping and satellite maps with one click.
- Access Google Street View with the touch of a button.

Increased Safety & Security

BOX-trackerECO gives you:

- Speeding alerts
 - Impact notification
- Tow-away detection Harsh braking detection
- Harsh Acceleration alerts
- Panic button (option) Immobilisation (option)

Privacy & Driver ID (option)

Not only will BOXtracker ECO identify who is driving, it can also distinguish between a business journey and a private journey. In private mode, the geographical location and route data will not be sent, but mileage and duration information is recorded.

- Identify who is driving.
- Protect the privacy of employees and remove the fear of "big brother" spying on them when they are not at work.
- Automatically get private mileage data to aid with Tax compliance..

Improve your Bottom Line

Save money by:

Improve Productivity

- Fuel is often the largest single operational cost for any fleet. By improving fuel efficiency and reducing fuel usage you can save many £1,000s per year.
- Now that you have the tools to reduce wear and tear on your vehicles, you can lower your maintenance costs and increase the resale value of your vehicles.

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Sample Driver Performance report

are being monitored.

Employees are much less likely to "slack-off" when they know they

BOXtracker 2 vehicle tracking device

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• By no longer being able to start late or finish early, your mobile workers could carry out more jobs per day.

Reduced Administration and Improve Customer Service

You now know where ALL of your mobile workers are and have been:

- Instead of phoning an employee to find out where they are, just look on the map!
- By knowing where your drivers are and their likely ETA, you can proactively keep your customers up to date, before they call you!
- Easily corroborate mileage claims and use our automated reporting suite to produce timesheets and journey histories.

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To find out more about **BOXtracker ECO** and all of our other products, contact us on the details below.

