

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.

<p>Accurate Fuel Level and Fuel Usage Data</p> <ul style="list-style-type: none"> • Current Fuel Level at ignition off or on demand. • Trip Fuel information lets you know how much fuel was used on each journey. 	<ul style="list-style-type: none"> • Helps to prevent misuse of fuel cards and theft. • Monitor and compare the fuel economy of your drivers.
<p>Tachograph Data (option)</p> <p>Get detailed information from the vehicles Tachograph on driving times; rest periods etc.</p>	<ul style="list-style-type: none"> • Ensure driver compliance. • Reduce the risk of fines. • Fulfil your Duty of Care obligations.
<p>Harsh Acceleration / Over-revving / High Torque Detection</p> <p>Get up to the minute information on driver behaviour and driving style.</p>	<ul style="list-style-type: none"> • Reduce fuel use by moderating aggressive driving. • Reduce engine wear caused by over-revving. • Save money.
<p>Harsh Braking / No. of Brake Applications</p> <ul style="list-style-type: none"> • Harsh braking can indicate an aggressive driving style. • A high number of brake applications can indicate “tailgating”. 	<ul style="list-style-type: none"> • Reducing wear and tear will save you money. • Improve safety by discouraging dangerous driving behaviours.
<p>Idling</p> <p>A van / truck can use several litres of fuel per hour when idling. BOX-tracker ECO will accurately measure true idling.</p>	<p>By monitoring and reducing idling, you will:</p> <ul style="list-style-type: none"> • Save money by reducing fuel consumption. • Reduce maintenance costs by reducing wear and tear.
<p>Eco driving / RPM Threshold Monitoring</p> <p>By staying within defined RPM thresholds, a vehicle is able to drive at optimum efficiency and economy.</p>	<ul style="list-style-type: none"> • Reduce wear and tear on your vehicles. • Lower fuel consumption means you save money.
<p>Axle Weights (option)</p> <p>Accurate and detailed information can be obtained on axle and trailer weights.</p>	<ul style="list-style-type: none"> • 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.
<p>In-Vehicle Driver Alerts</p> <p>Our sophisticated and configurable hardware, allows us to provide an in-vehicle warning to the driver whenever he is driving aggressively.</p>	<ul style="list-style-type: none"> • By alerting when he is driving dangerously, you can improve 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.



Powered by BOX

- 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.

Date	Start	End	Distance	Time	Details		
06/09/2011	06:34	06:55	1.60	156	62 Tolson Road, Northfield, Birmingham		
06:48	07:02	08:21:07	6.70	1154	81 The Green, Kings Norton, Birmingham		
07:21	07:34	08:13:39	5.80	10266	17 Garwood Road, Yardley, Birmingham		
12:39	12:48	08:09:44	6.10	3013	BOX OFFICE, Roman Way, Colehill, West Midlands, B44 1HG		
13:39	13:58	08:07:26	6.90	148	BOX OFFICE, Roman Way, Colehill, West Midlands, B44 1HG		
13:40	14:59	01:18:56	63.20	229	13 Rivers Lane, Colehill, Birmingham		
14:03	14:58	08:08:54	9.50	1827	Chease, Stone-on-Trent, Staffordshire, ST10 2		
14:07	14:08	08:03:03	6.20	169	Chease, Stone-on-Trent, Staffordshire, ST10 2		
15:11	16:02	08:05:11	20.70	193	Chease, Stone-on-Trent, Staffordshire, ST10 2		
16:03	16:40	08:01:58	20.50	743	4 Leathwell Lane, Rugby, Staffordshire, CV21 2		
16:07	16:58	08:01:27	6.40	84	BOX OFFICE, Roman Way, Colehill, West Midlands, Colehill, Birmingham, West Midlands, B44 1HG		
17:09	17:13	08:13:18	5.40	86	Colehill, Birmingham, West Midlands, B44 1HG		
17:14	17:19	08:04:33	6.90	8979	28 Garwood Road, Yardley, Birmingham		
18:16	18:40	08:24:09	10.20	1428	11 Garwood Road, Yardley, Birmingham		
20:04	20:06	08:01:29	6.40	2176	62 Tolson Road, Northfield, Birmingham		
20:42	20:46	08:04:11	1.10	193	208 Ansonville Road, Northfield, Birmingham		
20:49	20:54	08:04:34	1.60	8	Whiteley Road, Northfield, Birmingham		
Totals	04:38 h	05:48 h	88.66 h	6827 m	1824 h	47	Stops visited: 3

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