



BOX telematics

Vehicle & Asset Tracking



Introduction to BOX



BOX telematics Ltd was formed as a company in early 2000. However, key personnel within the company have been working on designing, developing and delivering their innovative 'wire-free' telemetry technology since early 1997.

BOX telematics now has an established range of 'wire-free' BOX devices and services.

BOX designs all its leading edge technology 'in-house' through its knowledgeable and competent research and development team. The company designs a variety of hardware and firmware as well as various management software packages.

BOX were appointed in 1999 as the UK's first service provider of telemetry connectivity across the Orange data network. BOX now offer a comprehensive billing platform to its strategic partners and customers for data, voice and SMS connectivity in the UK and Europe BOX



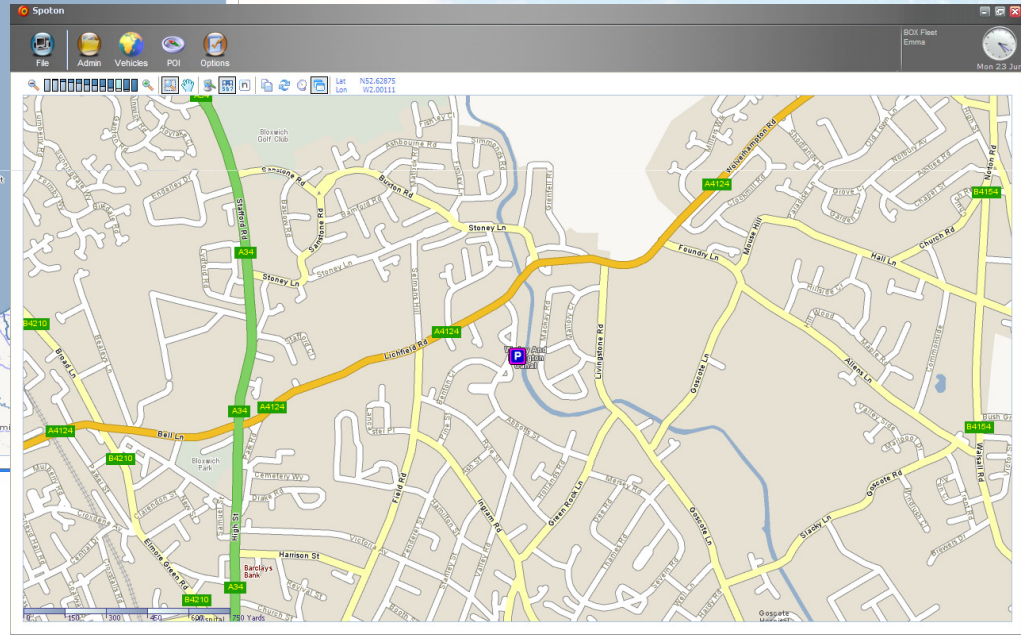
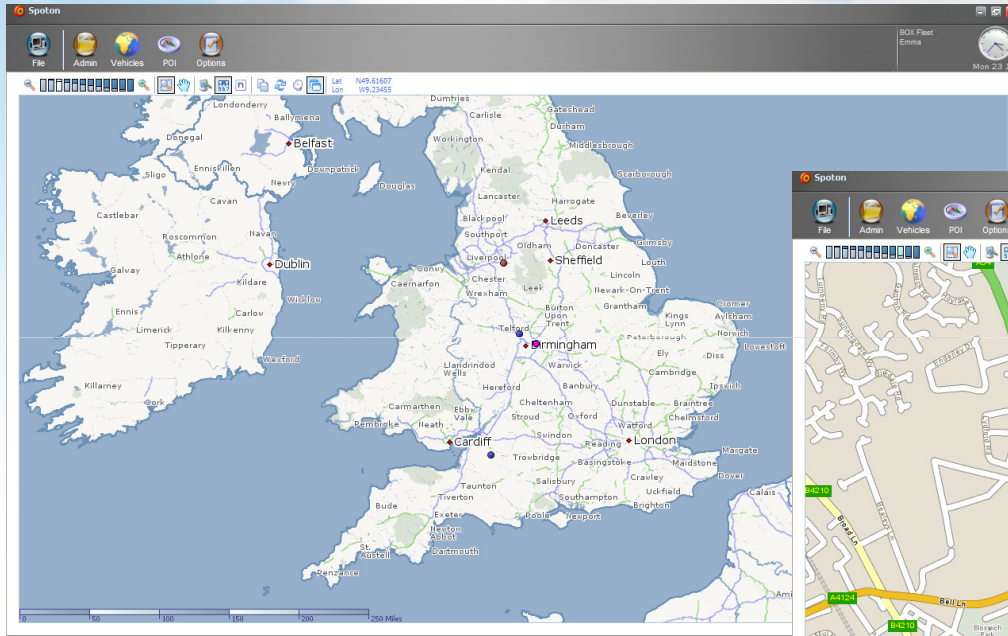
24/7 tracking



- **It's easy and cost effective to manage fleets and assets**
- Tracking is now affordable and necessary. If you want to know by the minute, what is happening to your fleet, workforce and asset, you need to choose BOX Tracking.
- **How does it work?**
- The BOX Tracking solution works by installing a Tracking device that uses the Global Positioning System (GPS) to determine its location, speed, direction, and time. This information is then sent to the BOX server via General Packet Radio Service (GPRS) which is a Mobile Data Service available on the Global Systems for Mobile Communication (GSM). The resulting data is then presented on an easy to use .NET application that is accessible via the web.
- **Hardware Partners**
- The BOX Tracking device is developed in-house by BOX telematics and manufactured in the West Midlands by our sister company NSH
- **Network Partners**



Mapping



Key features and benefits



- 24/7 tracking on an unlimited number of vehicles
- Global coverage
- Detailed mapping, street level accuracy
- Vehicle and battery powered asset tracking options
- Fixed monthly costs
- Covert installation – Simple to set up. Simple to use
- Simple to use, web based software accessible from anywhere via any Internet connection

- BOX Tracking provides fleet managers with vehicle location, tracking, reports and alerts in a user-friendly and cost-effective solution. These deliver benefits in the following areas;
 - Increasing productivity and controlling costs
 - Understanding operational trends
 - Recognising and capturing revenue opportunities
 - Improving the customer experience
 - Streamlining timesheet, payroll, and billing processes
 - Implementing effective performance management tools
 - Reduced Insurance premiums

Return On Investment



- BOX Tracking users achieve payback from their investment in vehicle tracking by achieving a range of benefits including increased productivity, reduced costs, and fleet performance. In terms of reduced costs, fleet operators are now shaving over 10% off their fuel bills by;
 - Eliminating routing inefficiencies
 - Reducing unnecessary engine idling times
 - Reduced speeding
- BOX Tracking users are also reducing overtime claims by over 10% by;
 - Having visibility of employee and vehicle productivity
 - Identifying which vehicles are being used during off-hours

Duty of Care



- BOX Tracking provides the necessary information in management tools to ensure you are meeting your obligations.
 - Working Time Directive, Road Transport Directive, EU drivers hours rules, are you meeting requirements on rules, breaks, driving limits?

Journey Start	Journey End	Journey Duration	Distance Travelled	Time Parked	Departed From	Arrived At	
Mon 16/06/2008		FD56OSW (Phil Piper)					
09:20	10:12	00:51 h	50.5 miles	08:28 h	1 Hunston Road, Badwell Ash, Bury St. Edmunds, Suffolk, IP31 3	Base, Cambridge	
18:40	19:20	00:39 h	41.0 miles	01:46 h	Base, Cambridge	Bury St. Edmunds, Suffolk, IP32 7	
21:06	21:44	00:37 h	41.2 miles	---	Bury St. Edmunds, Suffolk, IP32 7	Base, Cambridge	
Totals		02:08 h	132.8 miles	10:15 h	Time on site 08:28 h	Time standing 21:51 h	Journeys 3 Sites visited 1
Tue 17/06/2008		FD56OSW (Phil Piper)					
10:25	11:07	00:41 h	32.0 miles	00:55 h	Base, Cambridge	A605, 147 Eastrea Road, Whittlesey, Cambridgeshire, PE7 2	
12:02	12:21	00:18 h	9.8 miles	00:19 h	A605, 145 Eastrea Road, Whittlesey, Cambridgeshire, PE7 2	Haddon, Peterborough, Cambridgeshire, PE7 3	
12:41	13:06	00:25 h	23.2 miles	00:57 h	Haddon, Peterborough, Cambridgeshire, PE7 3	Base, Cambridge	
14:03	15:37	01:34 h	82.8 miles	01:42 h	Base, Cambridge	57 Liddon Road, Bromley, Kent, BR1 2	
17:20	18:56	01:35 h	83.0 miles	---	57 Liddon Road, Bromley, Kent, BR1 2	Base, Cambridge	
Totals		04:36 h	230.9 miles	03:54 h	Time on site 00:57 h	Time standing 19:23 h	Journeys 5 Sites visited 1
Wed 18/06/2008		FD56OSW (Phil Piper)					
13:03	13:55	00:51 h	32.8 miles	01:43 h	Base, Cambridge	50 Station Road, Littleport, Cambridgeshire, CB6 1	
15:38	16:24	00:46 h	33.0 miles	00:18 h	50 Station Road, Littleport, Cambridgeshire, CB6 1	Base, Cambridge	
16:43	17:00	00:17 h	11.1 miles	00:28 h	Base, Cambridge	Bar Hill, Cambridgeshire, CB3 8	
17:28	17:45	00:16 h	13.6 miles	00:01 h	Bar Hill, Cambridgeshire, CB3 8	4 Grove Lane, Brampton, Cambridgeshire, PE28 4	
17:46	18:02	00:15 h	10.0 miles	---	6 Grove Lane, Brampton, Cambridgeshire, PE28 4	Base, Cambridge	
Totals		02:26 h	100.5 miles	02:31 h	Time on site 00:18 h	Time standing 21:33 h	Journeys 5 Sites visited 1

Duty of Care



New Vehicle Tax Rules, from April 2007, the benefit-in-kind tax charge on company vans was increased from £500 to £3,500 per annum, unless you can prove that the van is only used for business not personal use. BOX Tracking provides unequivocal evidence to help protect your drivers from this tax charge.

Date	Start	End	Duration	Distance	Departed From	Arrived At
Phil Piper (FD560 SW)						
16/06/2008 Mon	18:40	19:20	00:39 h	41.0 miles	Base, Cambridge	Bury St. Edmunds, Suffolk, IP32 7
16/06/2008 Mon	21:06	21:44	00:37 h	41.2 miles	Bury St. Edmunds, Suffolk, IP32 7	Base, Cambridge
17/06/2008 Tue	17:20	18:56	01:35 h	83.0 miles	57 Liddon Road, Bromley, Kent, BR1 2	Base, Cambridge
18/06/2008 Wed	17:28	17:45	00:16 h	13.6 miles	Bar Hill, Cambridgeshire, CB3 8	4 Grove Lane, Brampton, Cambridgeshire, PE28 4
18/06/2008 Wed	17:46	18:02	00:15 h	10.0 miles	6 Grove Lane, Brampton, Cambridgeshire, PE28 4	Base, Cambridge
20/06/2008 Fri	17:34	18:28	00:53 h	50.3 miles	Base, Cambridge	1 Hunston Road, Badwell Ash, Bury St. Edmunds, Suffolk, IP31 3
21/06/2008 Sat	12:01	12:24	00:22 h	10.9 miles	Millward Street, Badwell Ash, Bury St. Edmunds, Suffolk, IP31 3	Bury St. Edmunds, Suffolk, IP32 7
21/06/2008 Sat	12:27	13:02	00:34 h	39.7 miles	Bury St. Edmunds, Suffolk, IP32 7	Base, Cambridge
21/06/2008 Sat	14:29	14:55	00:26 h	11.7 miles	Base, Cambridge	Cambridge, Cambridgeshire, CB3 9
21/06/2008 Sat	16:43	17:00	00:17 h	11.8 miles	Cambridge, Cambridgeshire, CB3 9	Base, Cambridge
22/06/2008 Sun	10:23	10:38	00:15 h	10.1 miles	Base, Cambridge	Sapley, Huntingdon, Cambridgeshire, PE29 7
22/06/2008 Sun	11:26	11:45	00:18 h	10.0 miles	Kings Ripton Road, Huntingdon, Cambridgeshire, PE29 7	Base, Cambridge
Totals			06:31 h	333.2 miles	Journeys	12

Duty of Care



- The Corporate Manslaughter and Corporate Homicide Act. From 6th April 2008 a new offence has come into force across the UK, for prosecuting companies and other organisations where there has been a gross failing, throughout the organisation, in the management of health and safety with fatal consequences. Employers have a duty of care to their employees and need to be aware of what, where and how they are doing at any time of the working day.

Date Logged	▲	Event	Speed	Dist	Bearing	Location	Lat	Long
10	01/05/2008 09:15	Moving	66	6.0	NW	A14, Godmanchester, Huntingdon, Cambridgeshire, PE29 2	N52.32320	W0.17089
11	01/05/2008 09:16	Moving	64	6.9	NW	A14, Huntingdon, Cambridgeshire, PE29 3	N52.32898	W0.19147
12	01/05/2008 09:17	Moving	88	8.2	NW	A14, the Stukeleys, Huntingdon, Cambridgeshire, PE28 4	N52.34182	W0.21125
13	01/05/2008 09:18	Moving	70	9.6	NW	A14, Brampton, Huntingdon, Cambridgeshire, PE28 4	N52.35780	W0.23279
14	01/05/2008 09:19	Moving	84	10.8	NW	A14, Alconbury, Huntingdon, Cambridgeshire, PE28 4	N52.37325	W0.24504
15	01/05/2008 09:20	Moving	73	12.0	N	A1(M), Alconbury Weston, Huntingdon, Cambridgeshire, PE28 4	N52.38781	W0.25880
16	01/05/2008 09:21	Moving	89	13.5	N	A1(M), Sawtry, Huntingdon, Cambridgeshire, PE28 5	N52.40862	W0.26503
17	01/05/2008 09:22	Moving	90	15.0	NNW	A1(M), Sawtry, Huntingdon, Cambridgeshire, PE28 5	N52.43128	W0.27102
18	01/05/2008 09:23	Moving	92	16.6	N	A1(M), Conington, Huntingdon, Cambridgeshire, PE28 5	N52.45244	W0.27912
19	01/05/2008 09:24	Moving	89	18.1	NNW	A1(M), Glatton, Peterborough, Cambridgeshire, PE7 3	N52.47387	W0.28548
20	01/05/2008 09:25	Moving	88	19.6	NNW	A1(M), Stilton, Peterborough, Cambridgeshire, PE7 3	N52.49483	W0.28783
21	01/05/2008 09:26	Moving	88	21.0	NNW	A1(M), Morborne, Peterborough, Cambridgeshire, PE7 3	N52.51450	W0.29807
22	01/05/2008 09:27	Moving	88	22.5	NW	A1(M), Alwalton, Peterborough, Cambridgeshire, PE7 3	N52.53284	W0.31790
23	01/05/2008 09:28	Moving	81	23.9	NW	A1, Great North Road, Alwalton, Peterborough, Cambridgeshire, PE7 3	N52.54943	W0.33661
24	01/05/2008 09:29	Moving	73	25.2	WNW	A1, Great North Road, Water Newton, Peterborough, Cambridgeshire, PE8 6	N52.55993	W0.36088
25	01/05/2008 09:30	Moving	92	26.6	WNW	A1, Great North Road, Stibbington, Peterborough, Cambridgeshire, PE8 6	N52.56718	W0.39149
26	01/05/2008 09:31	Moving	59	27.9	NNW	A1, Great North Road, Farcet, Peterborough, Cambridgeshire, PE8 6	N52.58151	W0.41303
27	01/05/2008 09:32	Moving	65	29.1	NNW	A1, Thornhaugh, Peterborough, Cambridgeshire, PE8 6	N52.59697	W0.42042

Duty of Care



- Lone Worker Protection, organisations have to comply with duties towards lone workers under the Health and Safety at Work etc Act 1974 (HSW Act) and the Management of Health and Safety at Work (MHSW) Regulations 1999.

Registration	Date	Expected	Actual	Duration	Event	Location
Phil Piper						
FD56OSW	12/06/2008 Thu	09:00	13:56	04:56 h	Late Arrival	BOX telematics, Roman Park, Roman Way, Coleshill, West Midlands, B46 1HG
FD56OSW	12/06/2008 Thu	17:30	16:30	01:00 h	Early Departure	BOX telematics, Roman Park, Roman Way, Coleshill, West Midlands, B46 1HG
FD56OSW	23/06/2008 Mon	09:00	09:37	00:37 h	Late Arrival	BOX telematics, Roman Park, Roman Way, Coleshill, West Midlands, B46 1HG
FD56OSW	23/06/2008 Mon	17:30	13:08	04:21 h	Early Departure	BOX telematics, Roman Park, Roman Way, Coleshill, West Midlands, B46 1HG
FD56OSW	23/06/2008 Mon	09:00	13:24	04:24 h	Late Arrival	BOX telematics, Roman Park, Roman Way, Coleshill, West Midlands, B46 1HG
Totals				15:20 h	Journeys	5