



just one click to see your entire fleet

# WebReporter

- ✓ dynamic monitoring & control
- ✓ snail-trail history
- ✓ points of interest & GeoFencing
- ✓ driver/vehicle management
- ✓ eSafety support
- ✓ detailed reports

# WebReporter

fleet tracking & management platform

system description

## Features

- web browser based application
- live vehicle monitoring at street level
- detailed location, time sheet and journey reports
- journey snail-trail history
- geo-fencing alerts & notifications
- Points Of Interest management
- multiple access and administration levels
- real time access to in-vehicle telematics data
- full scalable platform
- 24/7 data center support

## Benefits

- increase visibility of fleet movements
- eliminate unauthorized & out-of-hours journeys
- increase fleet efficiency & reduce fuel costs
- improve driver awareness
- improve safety



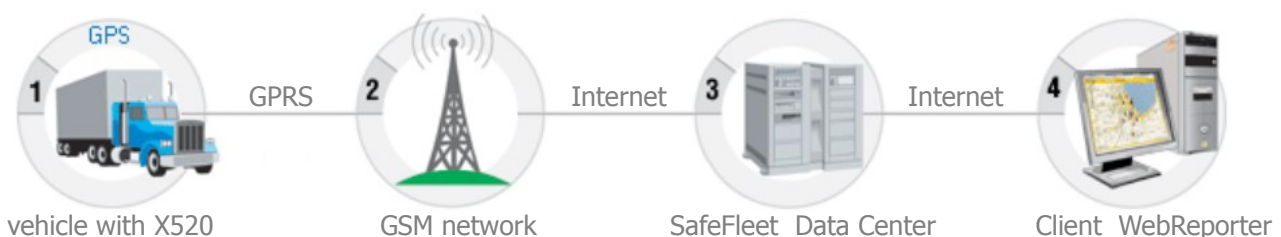
WebReporter is an easy to use web based application providing live GPS vehicle location and telematics information, enabling around the clock visibility and control of your mobile workforce.

WebReporter completes the puzzle of fleet management platform. Using a software architecture build on the latest open technologies, the system is very scalable and is able to fulfill the needs of your growing business.

## How does it work ?

The fleet management system has the following components:

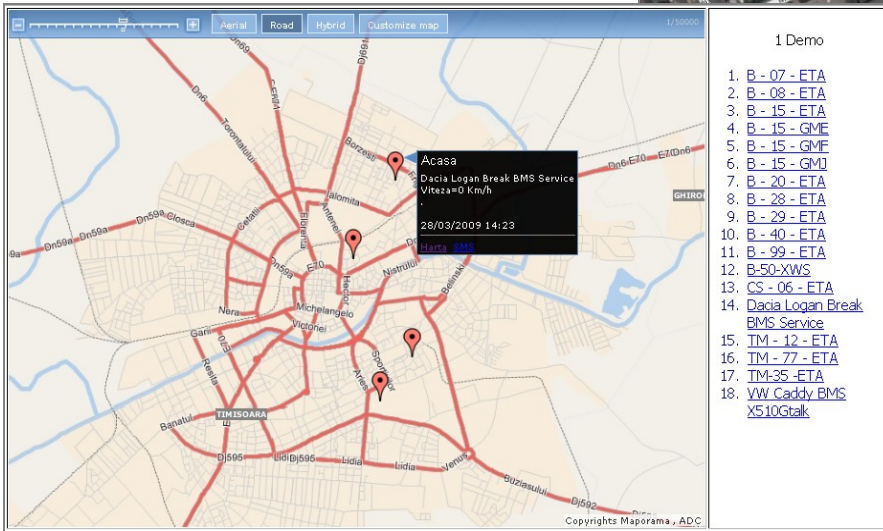
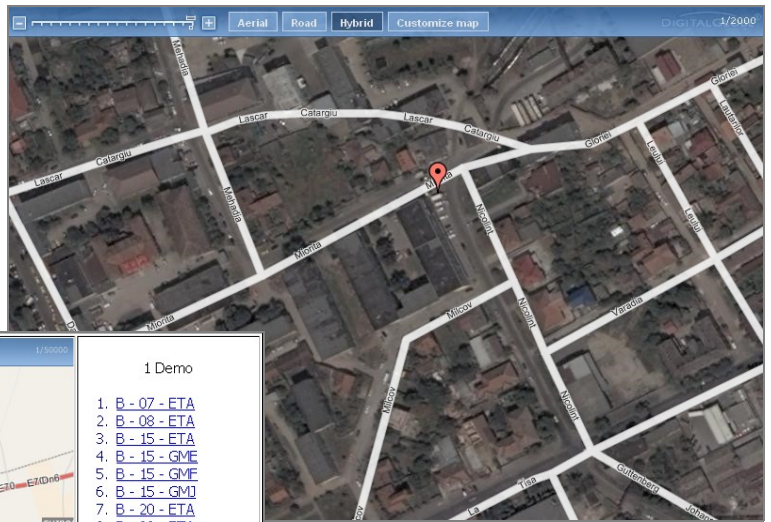
- **SafeFleet X520** – GPS/GPRS based hardware platform, installed in every vehicle, able to deliver location, speed, status and telematics information
- **SafeFleet data center** – a silo of powerful servers for collecting field information and database management
- **WebReporter** – user interface with the fleet management platform



Data coming from X520 is stored in a database and consists of positions, speeds, drivers, events, CAN FMS data, debug information, etc. The database is later used by WebReporter to display real time and historical client requested informations and reports.

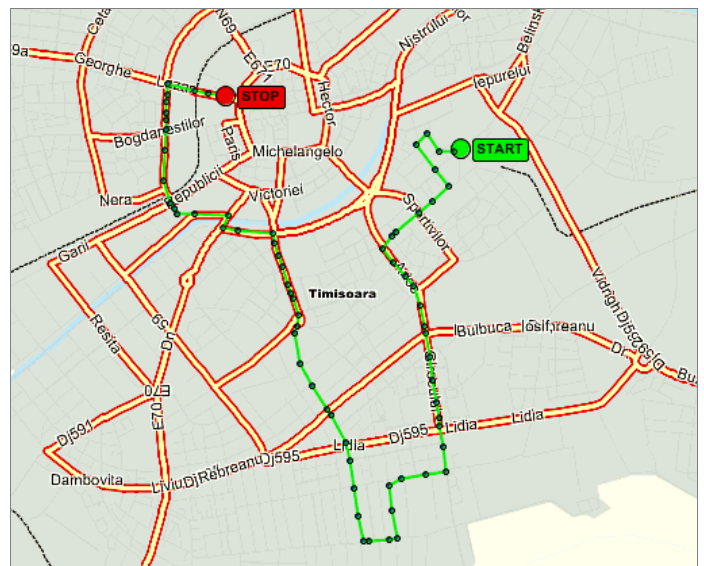
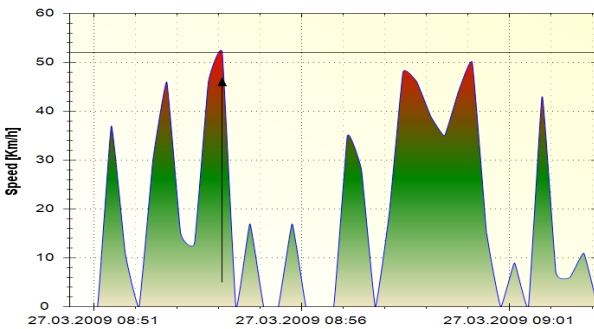
## Street level monitoring

WebReporter uses two mapping providers: Maporama and Google Maps. Maporama has very good street details in Romania and also worldwide. Google Maps use is experimental for Romania but for other territories is frequently updated and has great details.



## Journey snail-trail history

The trajectory followed by a selected vehicle within a selected interval can be visualized directly on the map, with labels signaling start, stop, maximum speed and intermediate stops.



No.	Vehicle	Model	FMS	Driver	No. of journeys	Km traveled	Stay time [min]	Consumption moving [L]	Consumption staying [L]	Total consumption [L]
1	B - 07 - ETA	B - 07 - ETA	Dacia Logan	Bogdan	378	5344	567	427,52	0	427,52
2	B - 08 - ETA	B - 08 - ETA	Peugeot Partner	Ionescu	377	2979	4455	208,53	0	208,53
3	B - 15 - ETA	B - 15 - ETA	Dacia Logan	Ionut	104	3643	312	291,44	0	291,44
4	B - 15 - GME	B - 15 - GME	Fiat Ducato	Sorin	321	1815	598	181,5	9,97	191,47
5	B - 15 - GME	B - 15 - GME	Toyota Yaris	Silviu	375	1601	1103	64,04	0	64,04
6	B - 20 - ETA	B - 20 - ETA	Iveco Daily	Florin	273	3392	980	440,96	16,23	457,19
7	B - 28 - ETA	B - 28 - ETA	Fiat Ducato	Dumitru	187	3426	420	411,12	7	418,12
8	B - 29 - ETA	B - 29 - ETA	Fiat Ducato	John	429	2944	1212	412,16	20,2	432,36
9	B - 40 - ETA	B - 40 - ETA	Toyota Yaris	Daniela	364	1395	924	41,85	0	41,85
10	B - 99 - ETA	B - 99 - ETA	Fiat Punto	Corina	349	4226	1280	253,56	0	253,56
11	B-50-XWS	B-50-XWS	Skoda Octavia	Oliver Albu	185	832	575	74,88	4,79	79,67
12	CS - 06 - ETA	CS - 06 - ETA	Volvo FH12	Edi	127	10087	519	3631,32	34,6	3665,92
13	Dacia Logan Break BMS Service	TM-031491	Dacia Logan Break	Dan Boncata	182	651	739	58,59	6,16	64,75
14	TM - 12 - ETA	TM - 12 - ETA	Dacia MCV	Doru	269	5523	852	552,3	7,1	559,4
15	TM - 77 - ETA	TM - 77 - ETA	Citroen Berlingo	Alexandru	100	1644	635	180,84	10,58	191,42
16	TM-35 -ETA	TM-35 -ETA	WV Sharan	Claudiu Suma	54	1160	158	0	0	0
17	VW Caddy BMS X510Gtalk	TM-64-BMS	VW Caddy	Zsolt Szabo	169	1024	1063	61,44	17,72	79,16
18	B - 15 - GMI	B - 15 - GMI	Iveco Stralis	Tudor	0	0	0	0	0	0
19	BH - 09 - ETA	BH - 09 - ETA	Mercedes 508	Gigi	0	0	0	0	0	0
20	Opel Astra G MH-03-GBA	MH-03-GBA	Opel Astra G	Florin Meche	0	0	0	0	0	0
<b>Total:</b>					4243	51686	16392	7292,05	134,45	7426,50

## Detailed reports

Consumption report table displays per vehicle:

- journeys made in specified time interval
- kilometers traveled
- stationary time
- medium fuel consumption while moving
- medium fuel consumption stationary with engine running
- total fuel consumption

Other report types are also available. All can be exported to be used in other data processing applications.

## GeoFencing

Vehicles mobility can be allowed only within a user configurable geographical area. Fleet owners can receive alerts if a vehicle enters or exists the geo-fence boundary.



## Points Of Interest

A point of interest (POI) can be another client's business location or other objectives such as restaurant, gas station, etc. POIs can also be private, not visible by other users. Points that were not defined as a POIs can be displayed as an address by using the reverse geo-coding feature. When showing POIs, the list of journeys report is very explicit and easy to use in tracking the activity of a monitored vehicle.

No.	Start	Start POI	+ Start POI	Stop	Stop POI	+ Stop POI	Dist.[Km]	Vmax.[Km/h]	Time [min]	Idle [min]	Pause after [min]	Cons.[L]	i	V	H	H
1	28.03.2009 10:04	1 Decembrie	Add	28.03.2009 10:15	Labirint 1	Add	4,29	63	11	3	226	0,41	[i]	[V]	[H]	[H]
2	28.03.2009 14:02	Labirint 1	Add	28.03.2009 14:18	OMV Stadion	Add	4,23	55	15	5	6	0,42	[i]	[V]	[H]	[H]
3	28.03.2009 14:24	OMV Stadion	Add	28.03.2009 14:27	str.Diana	Add	0,39	23	2	0	114	0,04	[i]	[V]	[H]	[H]
4	28.03.2009 16:21	str.Diana	Add	28.03.2009 16:23	OMV Stadion	Add	0,38	41	1	0	32	0,03	[i]	[V]	[H]	[H]
5	28.03.2009 16:56	OMV Stadion	Add	28.03.2009 17:15	FanCourier Depozit TM	Add	5,06	69	19	7	5	0,51	[i]	[V]	[H]	[H]
6	28.03.2009 17:21	FanCourier Depozit TM	Add	28.03.2009 17:23	Almira Timisoara	Add	0,56	48	2	0	18	0,05	[i]	[V]	[H]	[H]
7	28.03.2009 17:42	Almira Timisoara	Add	28.03.2009 18:01	REAL-Sagului	Add	10,06	77	19	3	31	0,93	[i]	[V]	[H]	[H]
8	28.03.2009 18:33	REAL-Sagului	Add	28.03.2009 18:34	REAL-Sagului	Add	0,15	23	0	0	0	0,01	[i]	[V]	[H]	[H]
	28.03.2009 10:04	Total:		28.03.2009 18:34			25,13	77	69	18	432	2,41				



The SafeFleet platform supports eSafety, the EU initiative regarding driver safety. In case of an accident, an emergency event generated by vehicle driver or automatically by in-vehicle sensors, activates the eCall alert. The SafeFleet system sends notifications to fleet managers and directly to nearest emergency service (112). The notification contains information about the incident: time, precise location, vehicle identification and black-box storage.

document name: WebReporter  
document version: v1.0.37 03/25/09



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