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GPRS Real-Time Tracking Services

WebEye
International GmbH

**WEBEYE
GPRS REAL-TIME
TRACKING
TECHNOLOGY**

✷

**We transform
your data into
Information!**

✷

**Collect Data
over Can-Bus
technology**

✷

**Create Charts
Graps and
Reports**

✷

**Fuel
consumption
Analysis Report**

✷

**Driver
Identification**

✷

**Conrol of
Temperature
with multiple
Sensors**

✷

**Private and
Business use**

✷

**Real-Time
Monitoring
(Geo-fencing)**

✷

**Barcode reader
connection**

✷

**Can-Bus
connectivity**

✷

**Axle pressure
Real-time
load check**

✷

**WebEye
Open
Interfacethe
Link to your
existing SAP etc.
applications**

✷

**Get the best
Solution for
Your Fleet**

Keep an eye on your fleet !

WebEye is an IT specialist in Mobile Communication employing Innovative Software Technology for the transport-and-logistic industry. We provide rapid access to comprehensive information on vehicle tracking and enterprise fleet management providing our customers with an essential tool to achieve peak efficiency and top competitiveness in their business…

The WebEye Fleet Management Service enables companies with a medium to large fleet of vehicles to manage their logistics information and operate their fleet far more efficiently obtaining highly precise information on digital maps which track vehicle movement and the routes driven.

The elements of the WebEye SERVICE

WebEye Vehicle Tracking Device

The vehicle tracking device is a small, extremely user-friendly unit which is installed in the vehicle. The main parts within the unit are the GPS module (implementing satellite location), the GSM/GPRS module (mediating the communication between the WebEye Tracking Device and the WebEye Service Center), and the PCB (the controlling unit responsible for the operation of the WebEye Tracking Device).
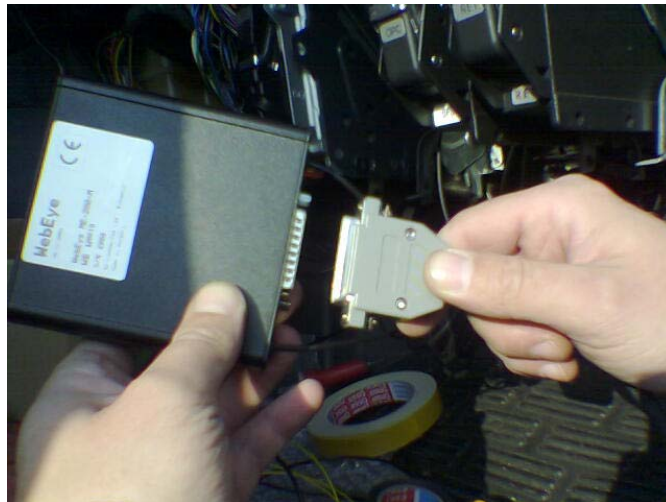
WebEye Service Center

The WebEye Service Center is your window into a comprehensive mobile logistic system for managing your mobile assets over the internet, viewing details, and reporting asset activities. It collects and stores the data recorded in the vehicle units and processes them according to your requirements forwarding the results to an authorized internet-user. With this information you can increase the efficiency, utilization, security and safety of your entire fleet.


WebEye Online Real-time GPRS-Tracking Module

WebEye provides you an additional software module that allows you to locate and monitor your vehicles in real time. The precise location, status, direction and speed of several vehicles can be ascertained within seconds at any given time.

This module enables you to watch your fleet move on the screen over a detailed digital map. You are alerted if the vehicle moves outside of a predetermined zone or route (geofencing). You can check on vehicle progress and keep your customers informed about status or estimated arrival times.
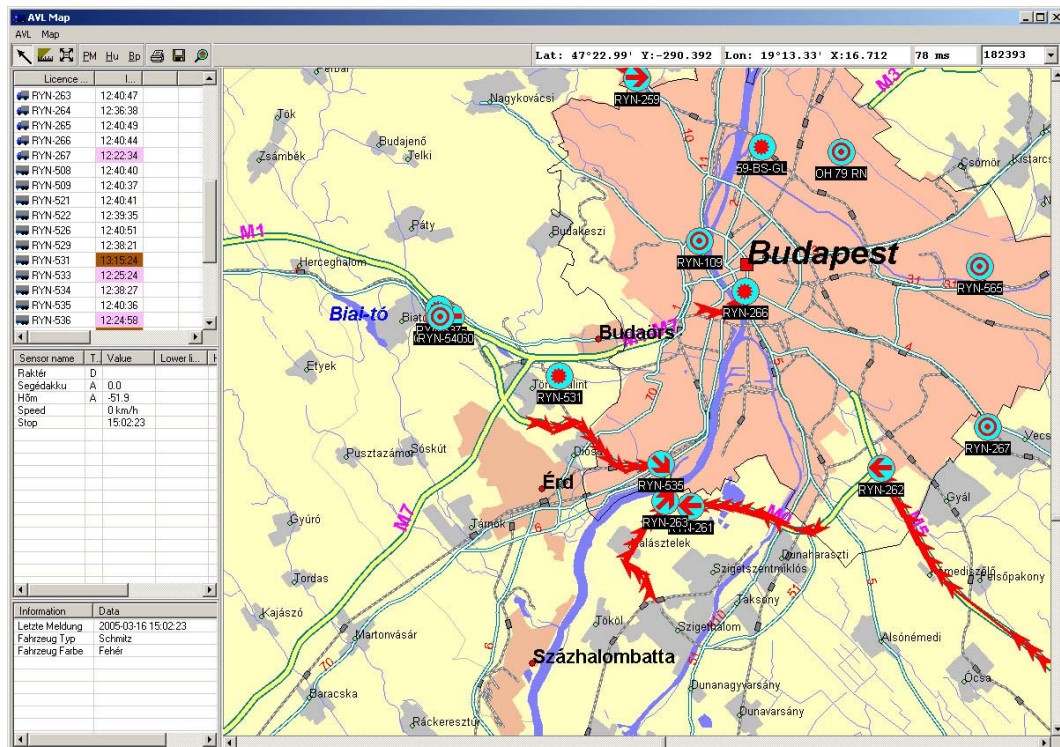
WebEye Open Interface

Your present logistics and bookkeeping applications can be linked directly to the WebEye System over the **WebEye Open Interface.** This combination gives you the complete failure-free solution for the reporting of your fleet's logistics tailored to your individual needs. The Data received from WebEye can be directly fed into virtually any existing application you presently use.

How does the WebEye system operate?

WebEye Vehicle Tracking Device begins to collect data automatically upon departure within a frequency of 15-60 seconds. The data is stored in a large internal memory of the WebEye Tracking Device up to 60 days. Data is transferred automatically from the WebEye tracking device to the WebEye Service Center Database through a GSM/GPRS network with a frequency from real-time to once a day adapted to your needs. The latest data about the vehicle unit may be downloaded any time by the user.

WebEye Service Center collects all information received from the WebEye Tracking Device and forwards it to the WebEye Database. This is the platform where all records are processed. The automatic trip records are prepared with the help of a geo-coding procedure on street-graph type, vector-graphic maps.
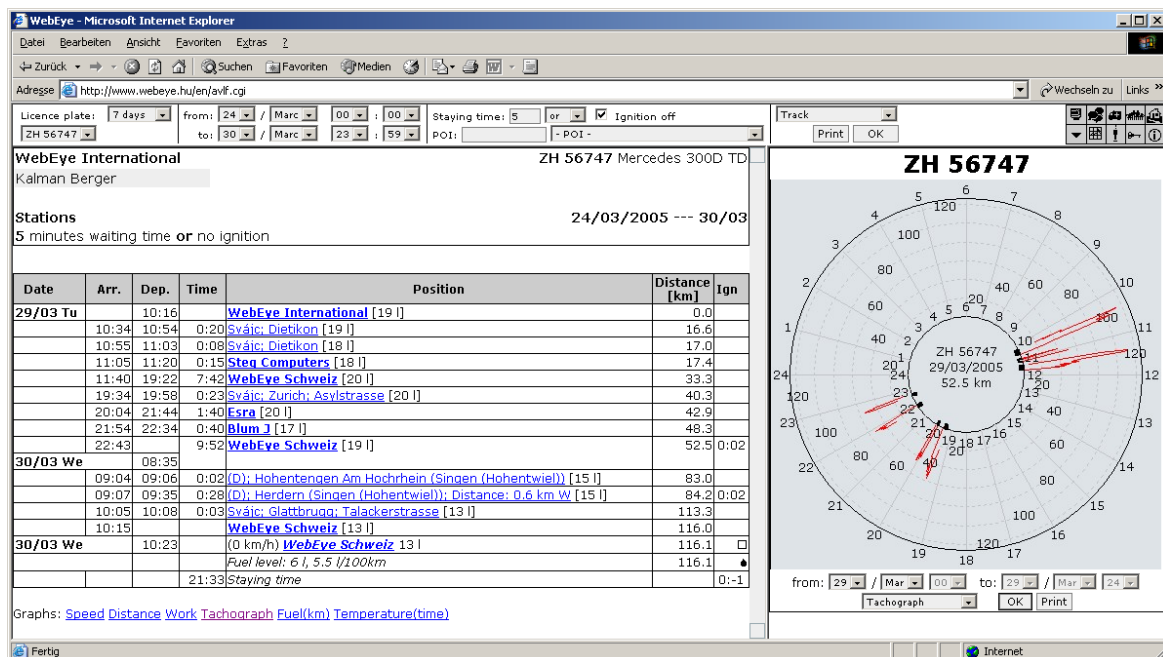
All available records may be accessed by an authorized user over the Internet. You access the WebEye application with a standard web browser Internet Explorer 6.0 or higher employing a 1024x768 screen resolution. The WebEye Service Center is available 24/7/365.

In addition to viewing your information on-line, you have the option to export the data into a number of standard formats or use the **WebEye Open Interface** to connect directly to your existing applications like SAP etc.

WebEye Administration section allows you to set up your own environment adapted to your specifications. You can: define assets and drivers, group assets together, set reporting options, set geofence and boundary constraints, identify geographic points and rename them into your customers location. You can also define private or business trips, view low battery levels as well as ignition on-off notification and excessive speed, and so forth.

WebEye basic capabilities

- **Asset tracking** and location real time
- **Departures**, arrivals, times and locations of stops
- Vehicle **route** kilometers
- **Speed** graph

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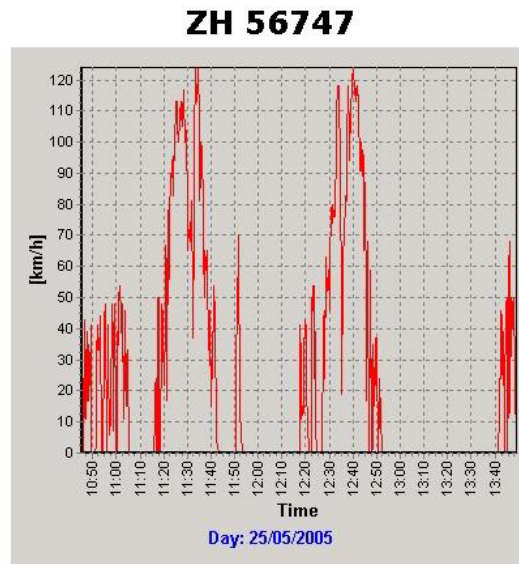
Speed   25. May 10h – 14h

- **Distance** covered
- **Working hours** for any period of time
- Delivery **reports** with start, running and stop times, locations and durations
- Operational hours for any interval (in monthly, weekly or daily display)
- Display vehicle movements on a digital map with zoom function
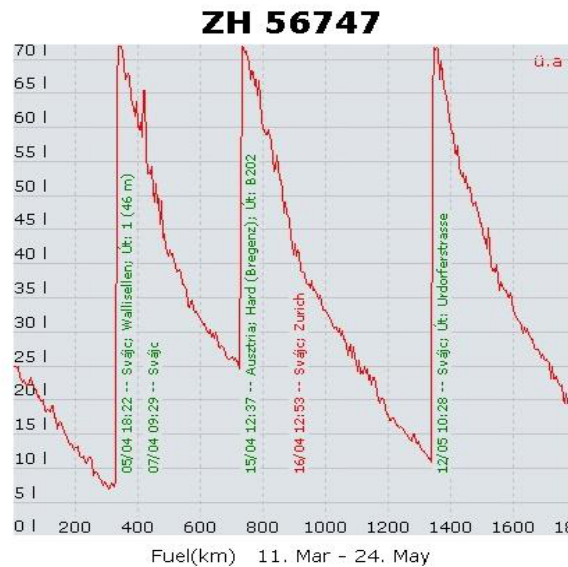- Perform as a **digital tachograph**

ZH 56747
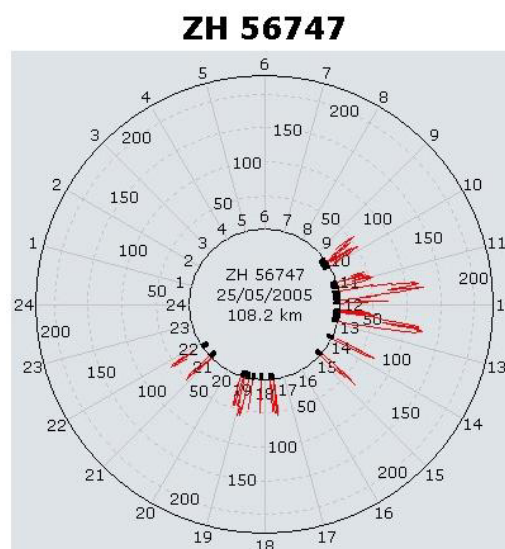
Tachograph   25. May

WebEye optional user services

- **Fuel consumption**, refueling quantity, date and location

- Preparation of trip records distinguishing between **business or private** driven kilometers
- **Driver identification** when vehicle is used by a different driver
- Recording multiple **temperature sensors** of loading area
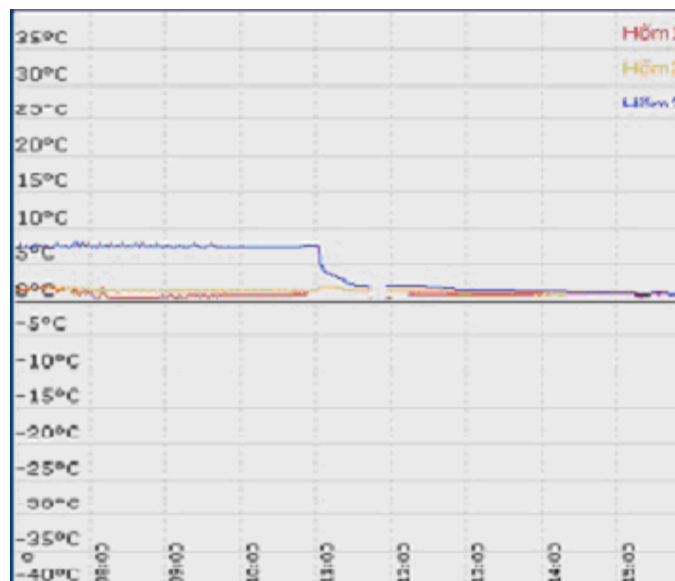
- Loading-door sensors for monitoring opening time and location
- **Can-Bus** connectivity (all major manufacturer Mercedes, VW, Audi, Volvo Scania etc.)
- Barcode reader connector and data transmission
- Axle pressure measured (load weight control real time)
- Geofencing function with automated alerts (e.g. for security transports)
- Tollcollect and LSVA data capture can be integrated at customer's request

What are the WebEye key benefits?

Enhanced service quality and higher profitability

- Increase employee productivity
- Dramatically improve utilization of your vehicles
- Enhanced quality of customer service
- Reduce overtime and empty vehicle use
- Lower fuel bills
- Eliminate unauthorized use
- Expedite stolen vehicle recovery
- Lower the risk of theft
- Reduce insurance rates

You get real time overview about your fleet

- The movement of the vehicles can be monitored
- Unauthorized use of vehicles can be screened
- The exact trip performance is recorded
- The time of delivery carried out on sites becomes known (time spent by a vehicle in a given location)
- Delivery performance by predefined customer location (point of interest) can be checked

WebEye International   ZH 56747 Mercedes 300D TD
Kalman Berger

Stations (WebEye International)   11/03/2005 --- 12/07
5 minutes waiting time **or** no ignition

Date	Arr.	Dep.	Time	Position	Distance [km]	Ign
	11/03 Fr 05:39		277:17	**WebEye International** [22 l]	52.1	0:01
22/03 Tu		18:56				
23/03 We	08:45	10:06	1:21	**WebEye International** [23 l]	65.2	0:01
	10:31	12:15	1:44	**WebEye International** [22 l]	67.8	
	13:53	20:00	6:08	**WebEye International** [21 l]	75.8	
	20:26		133:51	**WebEye International** [21 l]	83.1	
29/03 Tu		10:17				
01/04 Fr	17:38	17:52	0:14	**WebEye International** [11 l]	231.7	0:01
03/04 Su	11:18	18:02	6:44	**WebEye International** [9 l]	274.3	
04/04 Mo	10:52	13:17	2:25	**WebEye International** [8 l]	284.2	
	13:29	15:14	1:45	**WebEye International** [7 l]	286.2	
	15:19	20:16	4:57	**WebEye International** [7 l]	288.9	
10/04 Su	10:00	16:53	6:53	**WebEye International** [42 l]	486.9	
15/04 Fr	15:14	16:48	1:34	**WebEye International** [52 l]	850.2	
16/04 Sa	14:24	20:06	5:42	**WebEye International** [46 l]	885.5	
17/04 Su	10:40	17:17	6:37	**WebEye International** [42 l]	892.9	
10/05 Tu	09:26	09:29	0:04	**WebEye International** [24 l]	1119.7	0:02
	16:25	17:11	0:47	**WebEye International** [20 l]	1186.7	0:01
12/05 Th	11:54	12:08	0:15	**WebEye International** [72 l]	1359.6	
13/05 Fr	12:12	12:13	0:01	**WebEye International** [47 l]	1487.6	
18/05 We	08:41	08:42		**WebEye International** [30 l]	1626.6	
22/05 Su	14:21	15:42	1:21	**WebEye International** [22 l]	1758.8	
25/05 We	13:49	14:43	0:54	**WebEye International** [15 l]	1863.4	
	21:49		41:40	**WebEye International** [15 l]	1888.4	0:01
27/05 Fr		15:29				
30/05 Mo	10:23	16:44	6:21	**WebEye International** [9 l]	1952.9	0:01
06/06 Mo	12:21	13:11	0:50	**WebEye International** [50 l]	2136.9	
	16:54	19:16	2:22	**WebEye International** [44 l]	2211.5	
24/06 Fr	10:08	10:50	0:42	**WebEye International** [31 l]	2344.0	0:01
10/07 Su	14:50	16:10	1:20	**WebEye International** [40 l]	2769.9	
12/07 Tu		13:24		(0 km/h) *WebEye Schweiz* 27 l	2952.3	☐
			513:49	*Staying time*		0:00

- The optimal route between destinations can be controlled
- Exact working hours and overtime can be reported
- Observation of traffic rules can be monitored. (Were traffic rules observed by the driver? Manufacturer's standard speed increases the life expectancy of the vehicles.)
- Location and time of refueling can be monitored reducing the possibility of fuel theft.
- The empty use of vehicles can be reduced raising the actual value of the vehicle (with fewer empty trucking kilometers).
- Reduced paperwork and exact proof of data in case of customer complaint is provided.

Information that helps during the operation

- Complex trip records are automatically generated.
- The time required for reporting is significantly reduced.
- The momentary position of the vehicles is known (the truck closest to the customer may be ordered for an urgent job).
- The user may provide additional services to your customers (recording the temperature of multiple locations in the loading space, tracking the vehicle, etc.)

Additional savings!

- Administrative hours are reduced resulting in a significant saving of wage costs.
- Payroll is calculated on the basis of actual working time and actual kilometers.
- Reduced communication costs.
- Improved quality of services.
- Enhanced customer confidence.