WIALON QUICK GUIDE

wialon

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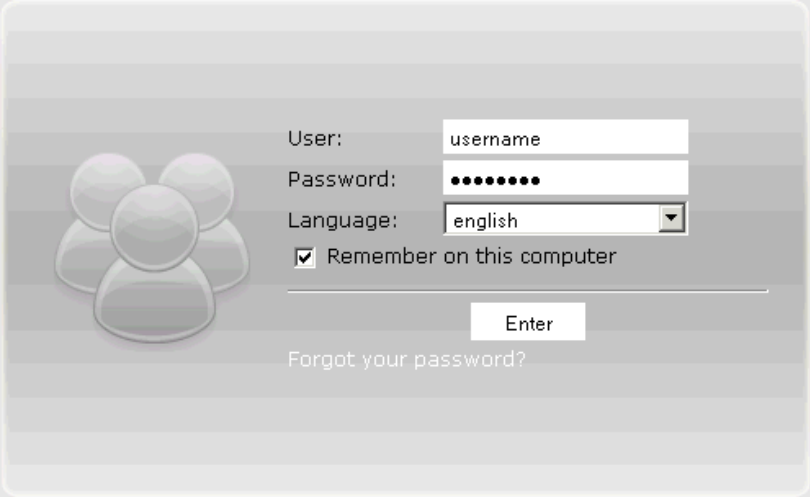
1. LOGIN

Key in your user name and password on the login page, and press *Enter*.

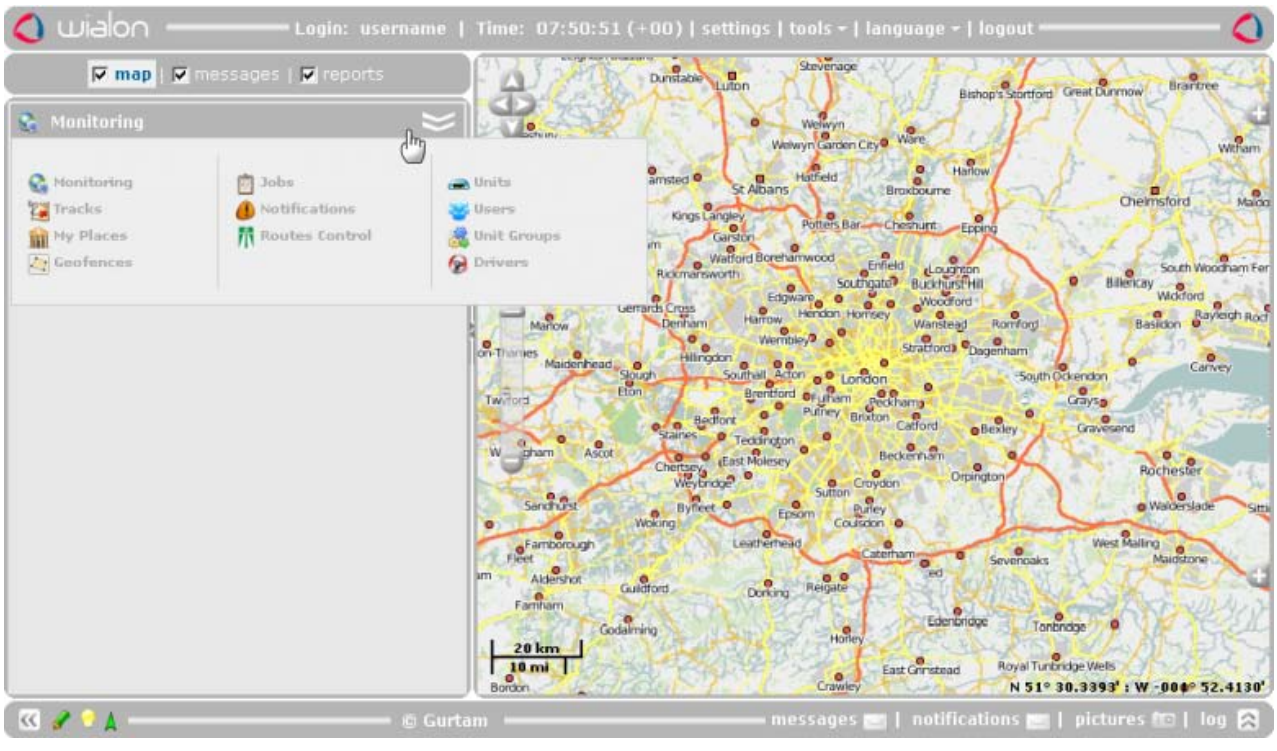
Make sure you use one of supported browsers, which are: Mozilla Firefox 3+, Opera 10.0+, Internet Explorer 8+, Google Chrome 2.0+.



2. INTERFACE

You have entered the monitoring site. On the left there is the work area. Here you switch between panels like *Monitoring, Tracks, My Places, Geofences, Notifications, Jobs* and so on.

On the right there is usually the map. There can also be reports, messages, log, etc. - it depends on the mode chosen. The modes (*Map, Messages, Reports*) are changed in the mode-switch panel over the work area.



Dragging the map with the mouse and zooming it with the mouse scroll, move to the location (city or town) which

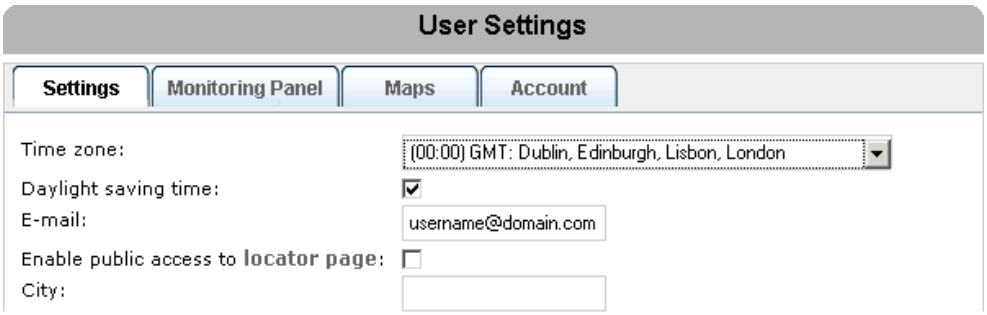
will be the basic for you in the tracking process.

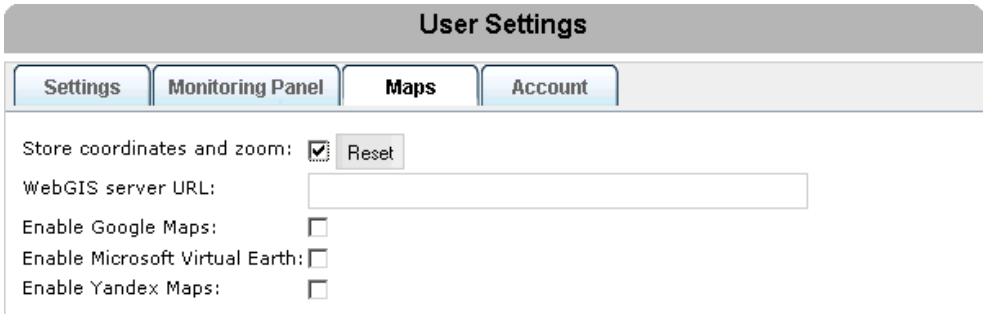
3. USER SETTINGS

Now open the *User Settings* dialog (click the link *settings* at the top). First and foremost, indicate your time zone. This setting is extremely important as it affects time data in reports, messages, tooltips, jobs, routes, and everywhere throughout the service.

In the same dialog move to the *Maps* tab and tick the box *Store coordinates and zoom*. With this, the current map position will be stored and used for further logins to the monitoring site.

At the end press OK to apply new settings.



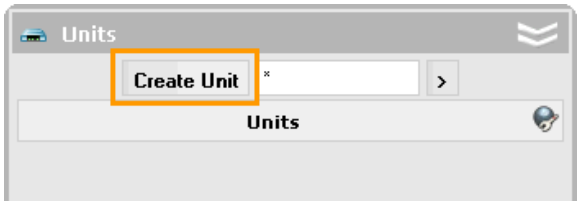


Preparatory work is finished. Now let's create a tracking unit.

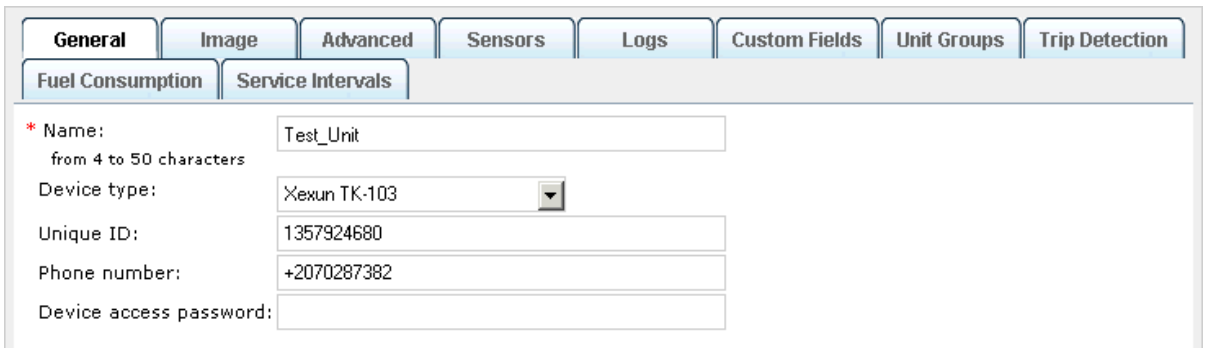
4. CREATING UNIT

Before configuring a unit, make sure the device is directed to Wialon. For more information on server IP, port, phone number and the like, find your type of device in the list of supported devices and set the required parameters.

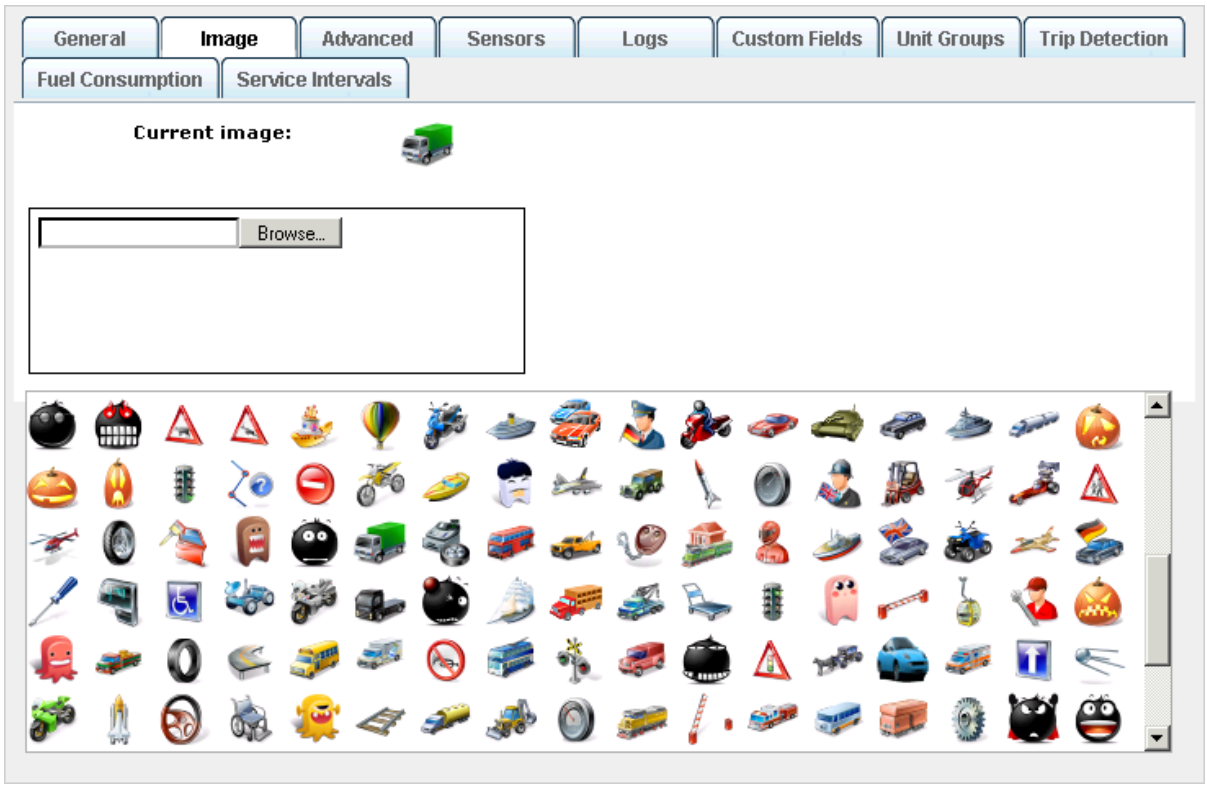
Open the *Units* panel in the work area and press the *Create Unit* button.



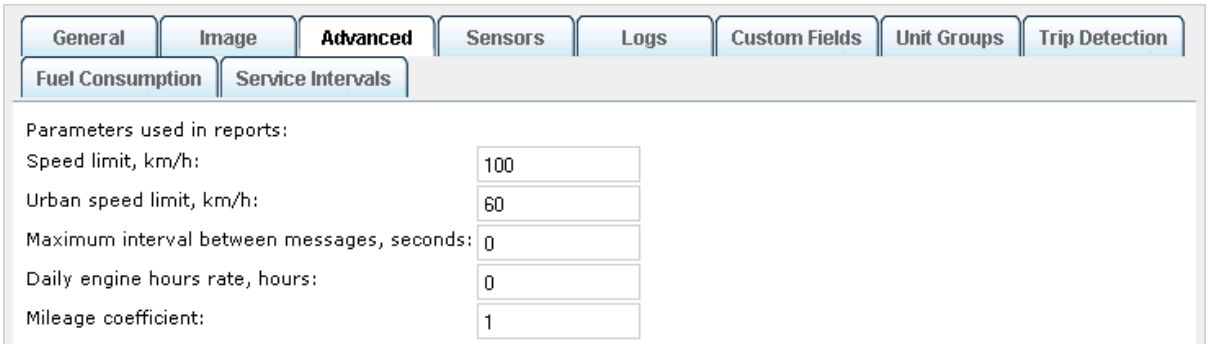
The dialog with multiple unit settings will be displayed. Give a name to the unit, select device type from the list of available devices, enter unique ID (IMEI or serial number) and the phone number of the SIM-card inserted in the device.



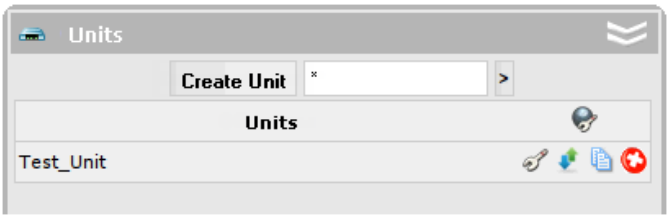
The *Image* tab of the dialog provides an opportunity to choose the most appropriate image to display the unit on the map. Press the *Image Library* button and choose one.



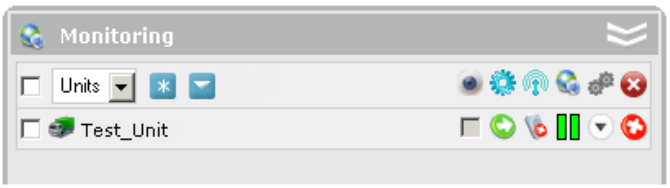
On the *Advanced* tab specify *Speed limit, km/h*. This setting is used to generate reports on speedings.



At the end press OK button. The newly created unit will appear on the list.



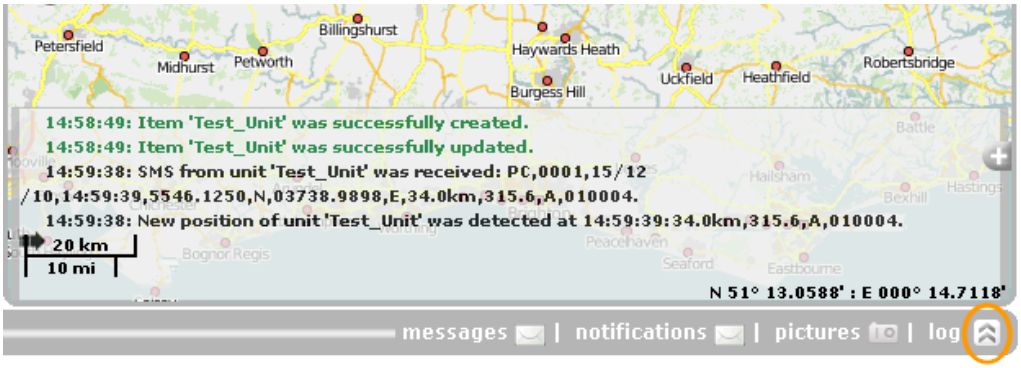
It will also appear in the monitoring panel.



5. UNIT CHECK

a) Log

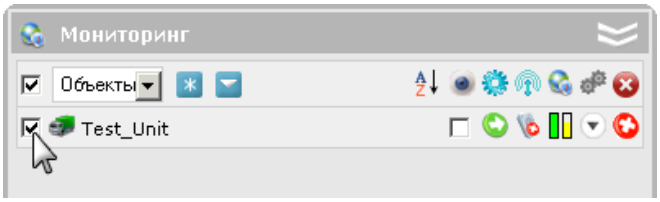
After creating a unit, data from it starts coming in the system as long as the unit is configured correctly. Each incoming message appears in the *log*. To see the log, open it pressing the button in the bottom right-hand corner of the program.



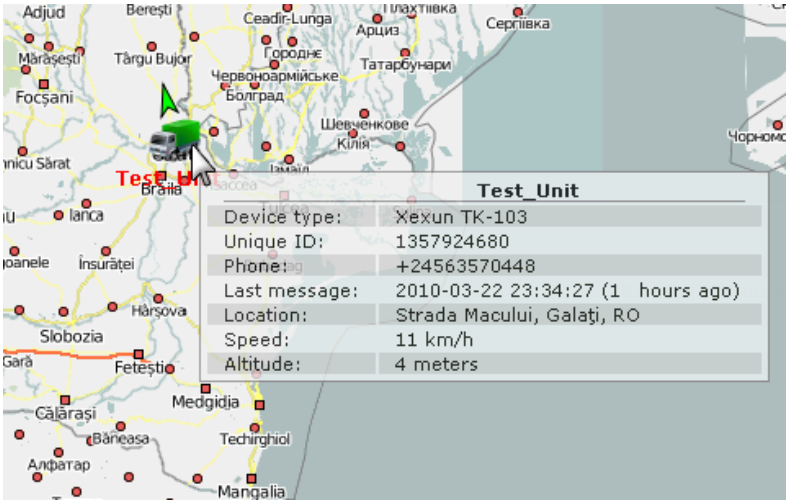
Except messages coming from tracking units, the log also shows current actions and operations such as creation and modification of geofences, notifications, unit properties, etc.

b) Unit info tip

Tick the unit on the tracking list in the Monitoring panel to see its position on the map.

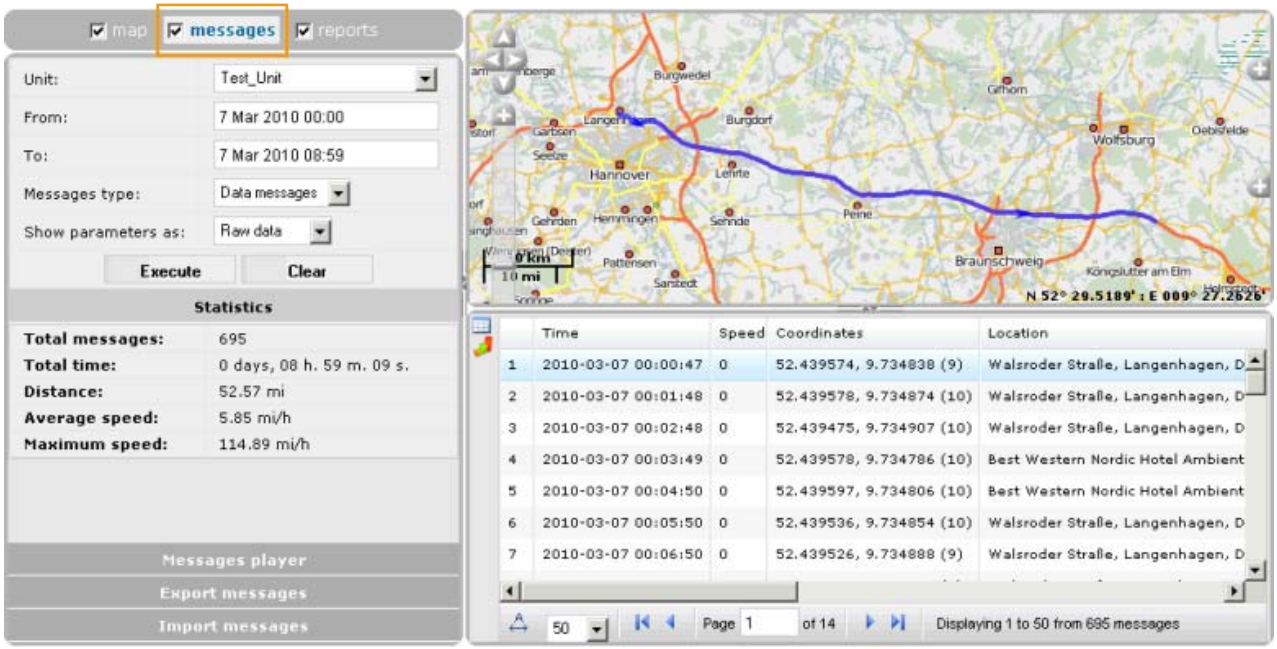


Hover the mouse pointer over the unit to see the latest data in a tooltip: last message time, location (address or coordinates), speed, etc.



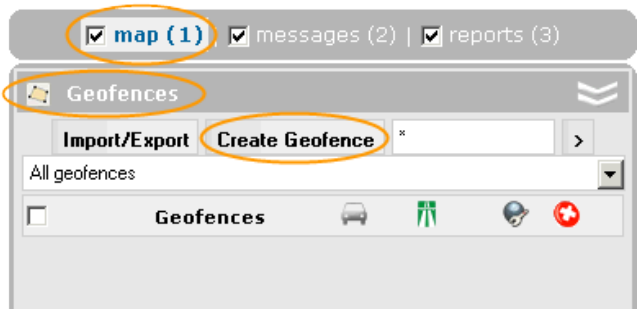
c) Messages Mode

The most reliable way to check unit operability is to view its messages. To switch to the Messages Mode, click on the *messages* link over the work area. Then select an interval to get messages for, and press *Execute*.Results appear on the right. There you can estimate how many messages were received during the indicated period and what kind of data they present. Besides, the track of unit movements is shown on the map.

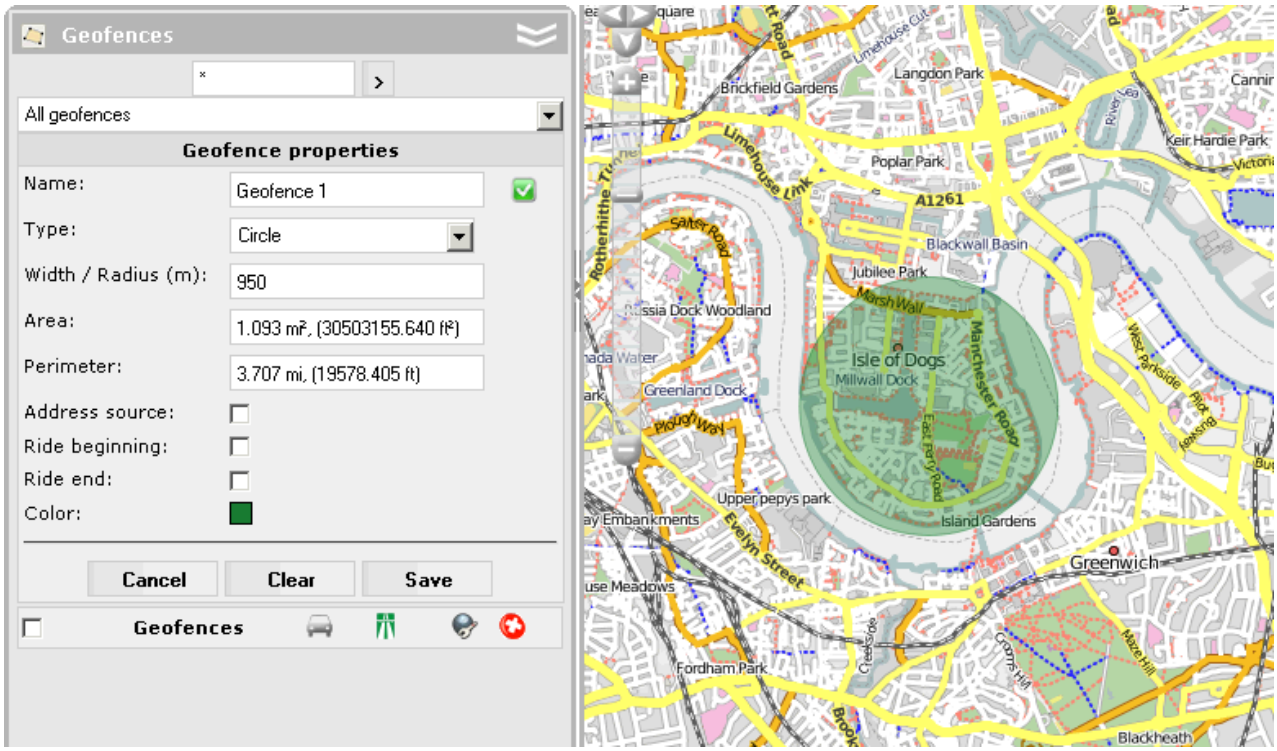


6. CREATING GEOFENCES

Geofences are to be created in places of interest, which should get under control. For this, go to the *Geofences* panel in the Map Mode and press the *Create Geofence* button.



The simplest and quickest geofence type to create is *circle* with specified radius. Enter name for the geofence and select the type *Circle*. Then double-click on the map in the place of supposed geofence. Alter the radius if necessary and press *Save*.



In a similar way, create as many geofences as necessary.

If you need a geofence of a more sophisticated form, choose type *Polygon* or *Line*. However, in this case a greater number of points is required to specify geofence's borders.

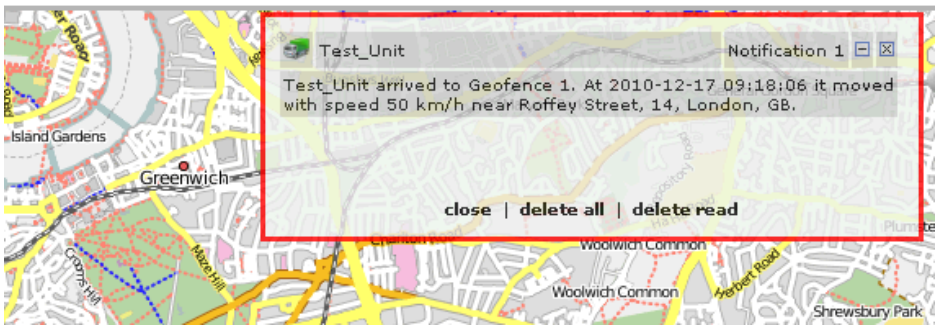
7. NOTIFICATIONS

Now we can create a notification about a unit entering a geofence. Go to the *Notifications* panel and press the *Create Notification* button.

Moving through the dialog with the help of the *Next* button, set the following parameters for the notification:

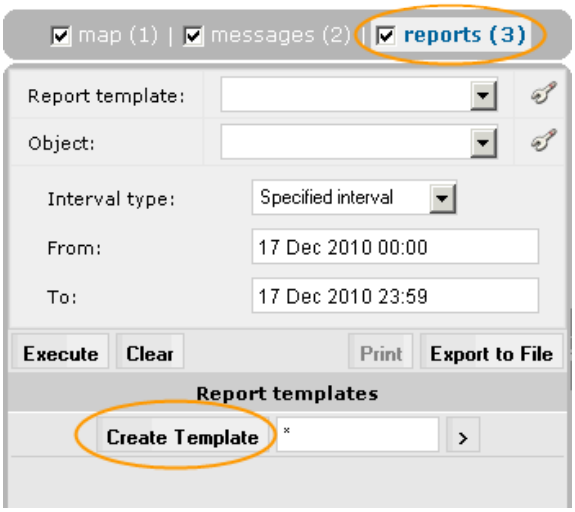
1. Select your unit (tick it).
2. Choose a control type, particularly, *Geofence control*.
3. Specify a check type - *Control entries to a geofence*, and select geofence(s) to be controlled on the list below. To select several geofences, press the CTRL key on the keyboard and tick necessary geofences.
4. Leave default notification text without changes.
5. Choose a method of delivery, for example, *Display online notification in a popup window*.
6. Key in a name for the notification.
7. Press OK.

When the notification triggers, it will appear in the top right corner of the program.



8. REPORTS

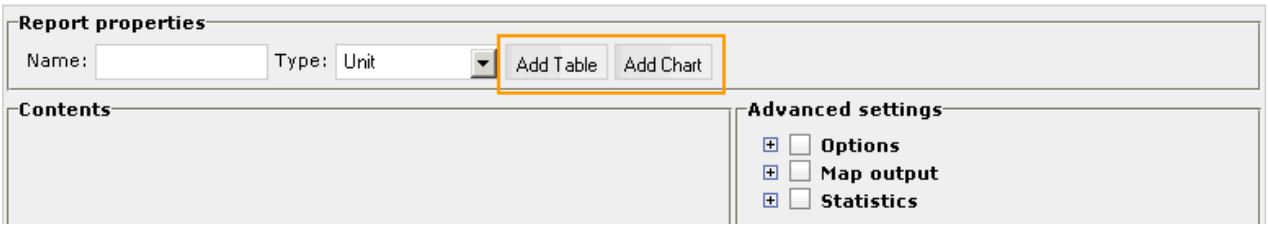
To go to the Reports Mode, use the mode-switch panel above the work area. Click the *Reports* link to move to the Reports Mode.



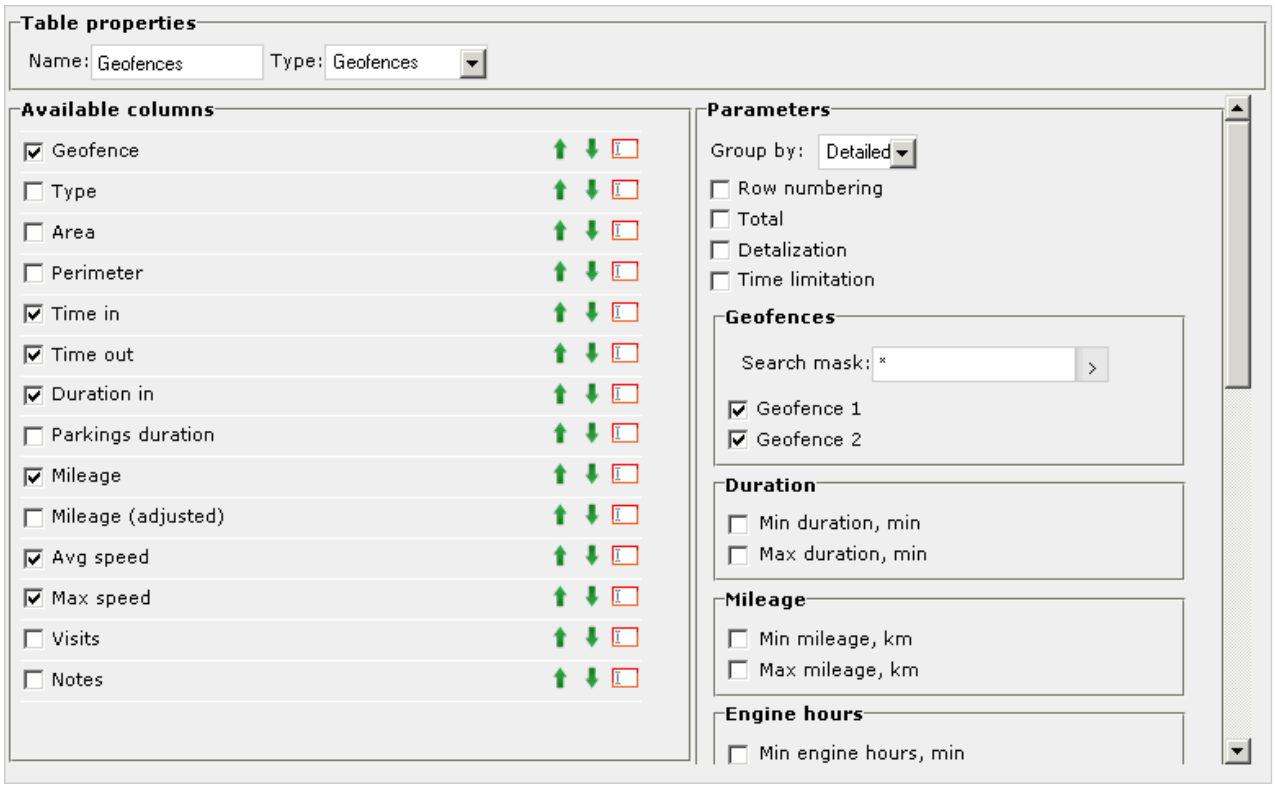
First of all, you need to have at least one report template to generate a report according to parameters set there.

We are going to create a report template containing two tables (visits to geofences and speedings) and a chart.

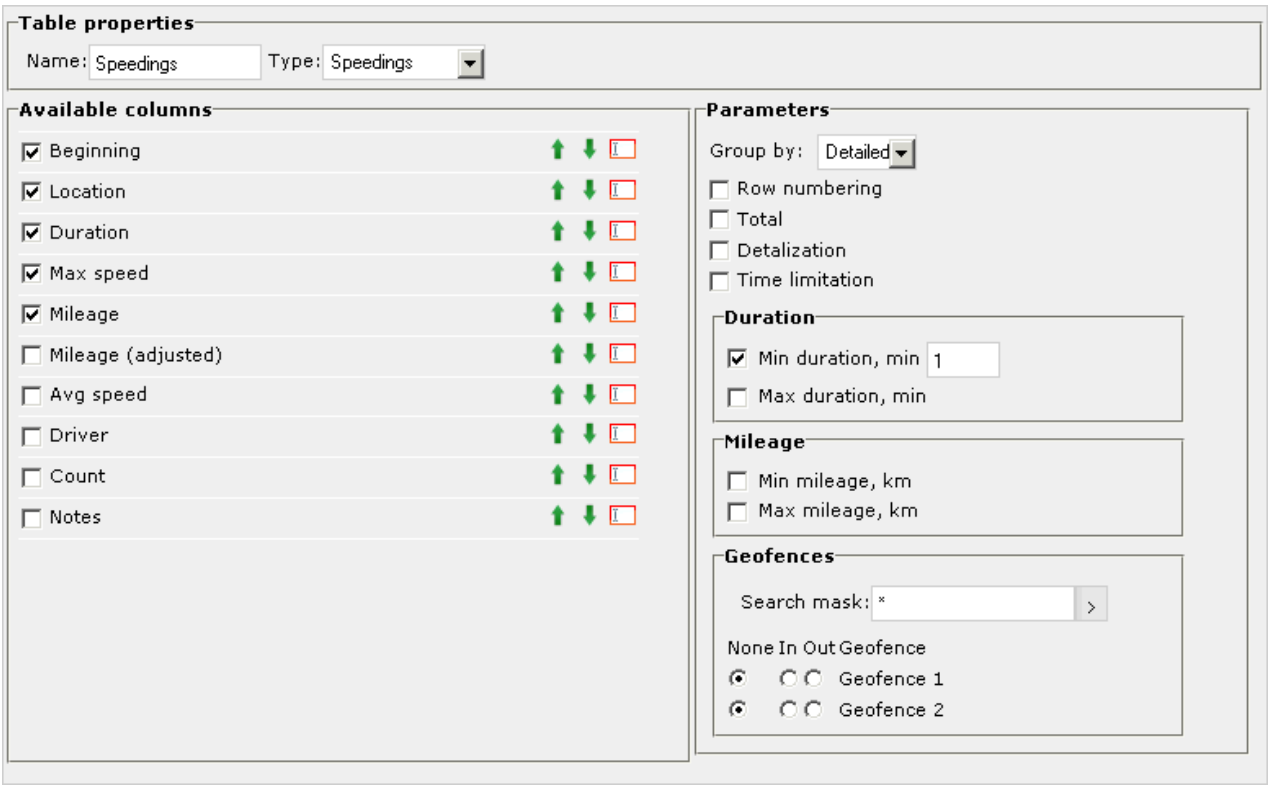
To create a report template, press the *Create Template* button. At the top of the template properties dialog you see two important buttons - *Add Table* and *Add Chart*.



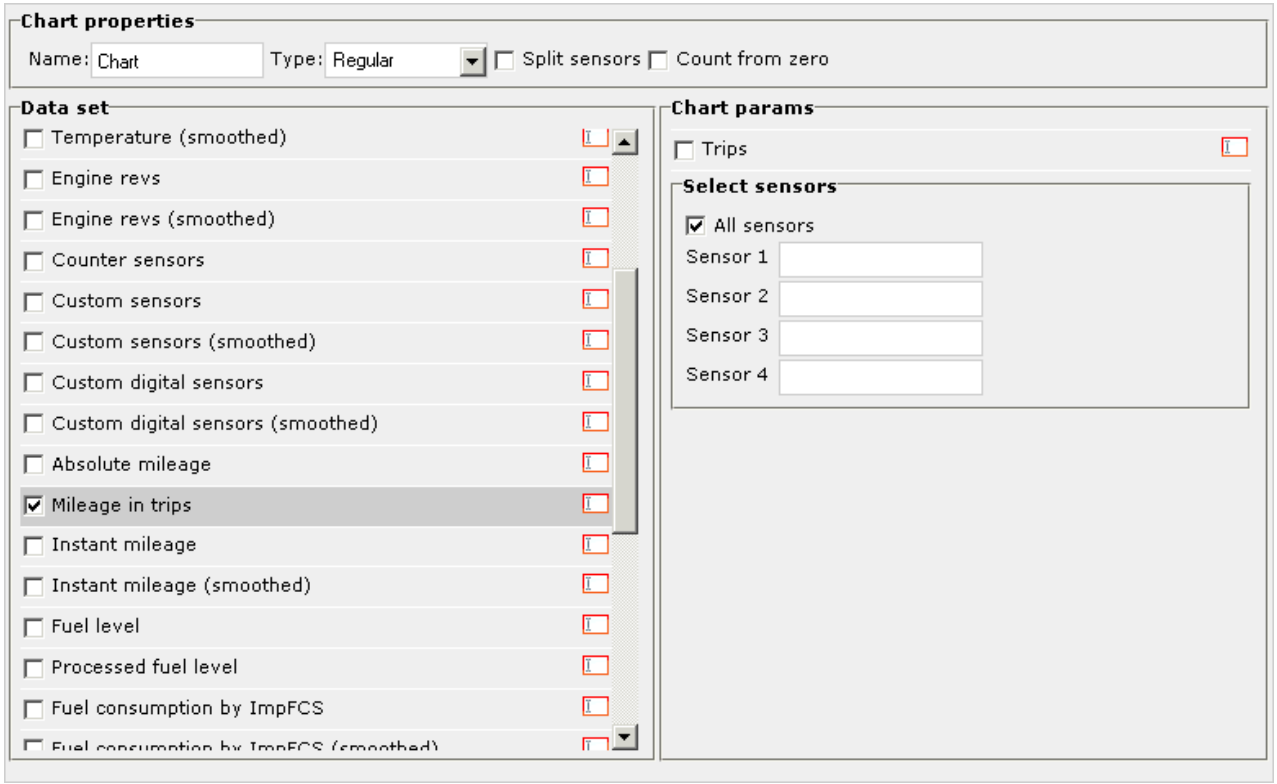
Press the *Add Table* button and set table type to *Geofences*. On the left, tick the columns to be displayed in the resulting report. On the right choose geofence(s). When finished, press OK.



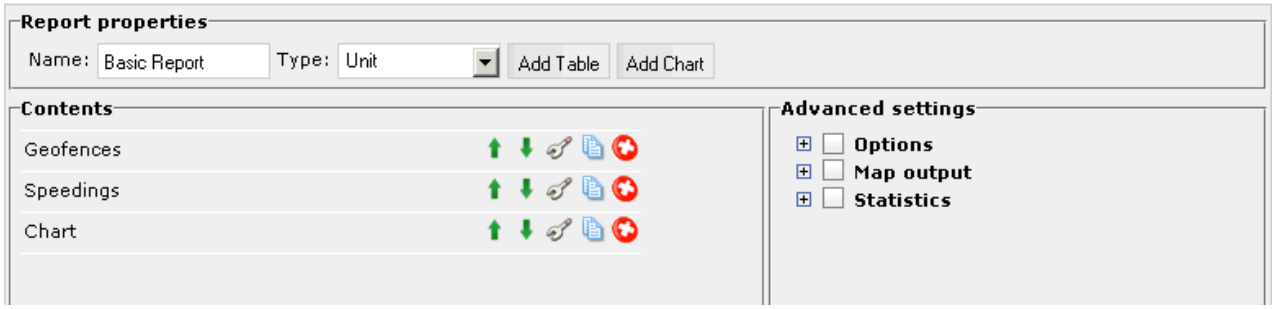
Then add a table of *Speedings* type. For this table we have set the parameter *Speed limit* in unit properties (*Advanced* tab). In additional parameters indicate that a speeding should last at least one minute. Press OK.



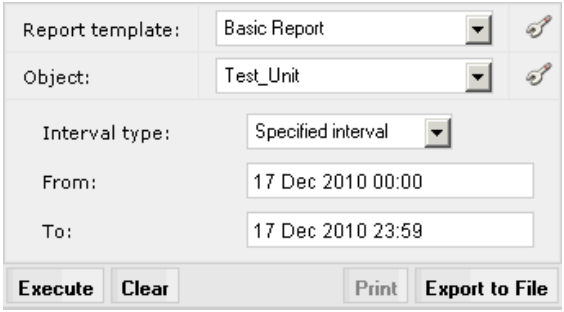
Press the *Add Chart* button and select the necessary chart type. (Note that for many charts to be generated the appropriate sensors are required.) Press OK.



That is how our report template looks. Now name it and save.



To obtain a report, set parameters in the work area: select report template, unit, reported interval, and press *Execute*.



Generated report will appear on the right. On the left you see tabs to navigate between report sections (tables and charts). Besides, the report can be exported to various formats or printed (for this, use the proper buttons - *Export to File* and *Print*).

Geofence	Time in	Time out	Duration in	Mileage	Avg speed	Max speed
Geofence 1	2010-03-01 09:49:35	2010-03-01 16:24:35	6:35:00	16.38 mi	2 mph	76 mph
Geofence 2	2010-03-01 16:25:52	2010-03-02 07:27:35	15:01:43	13.70 mi	1 mph	58 mph
Geofence 1	2010-03-02 07:32:00	2010-03-02 21:46:59	14:14:59	11.06 mi	1 mph	76 mph
Geofence 2	2010-03-02 21:49:25	2010-03-03 07:37:14	9:47:49	12.80 mi	1 mph	42 mph
Geofence 1	2010-03-03 07:41:21	2010-03-03 20:17:02	12:35:41	10.91 mi	1 mph	71 mph
Geofence 2	2010-03-03 20:18:15	2010-03-04 07:35:20	11:17:05	13.73 mi	1 mph	51 mph
Geofence 1	2010-03-04 07:40:59	2010-03-04 21:28:48	13:47:49	9.96 mi	1 mph	81 mph
Geofence 2	2010-03-04 21:29:26	2010-03-05 08:00:28	10:31:02	13.49 mi	1 mph	51 mph
Geofence 1	2010-03-05 08:04:47	2010-03-05 19:45:45	11:40:58	9.97 mi	1 mph	57 mph
Geofence 2	2010-03-05 19:48:18	2010-03-06 08:15:17	12:26:59	13.61 mi	1 mph	47 mph

Beginning	Location	Duration	Max speed	Mileage
2010-03-01 16:22:22	Messeschnellweg, Laatzen, DE	0:01:51	76 mph	2.01 mi
2010-03-02 07:32:34	B 3, Hannover, DE	0:02:36	76 mph	2.85 mi
2010-03-03 20:13:58	Messeschnellweg, Laatzen, DE	0:03:17	71 mph	3.55 mi
2010-03-04 07:41:30	B 3, Hannover, DE	0:02:44	60 mph	2.50 mi
2010-03-04 21:26:06	Messeschnellweg, Laatzen, DE	0:02:42	81 mph	3.32 mi
2010-03-05 08:07:00	Messeschnellweg, Hannover, DE	0:01:18	57 mph	1.18 mi
2010-03-06 19:01:12	Messeschnellweg, Laatzen, DE	0:01:51	66 mph	1.79 mi
2010-03-06 19:13:31	Messe-Schnellweg, Hannover, DE	0:02:19	65 mph	2.31 mi
2010-03-07 09:31:06	A 2, Hannover, DE	2:09:42	116 mph	215 mi