

KJE-SI – Software features & manual **HISTORY**

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Device history

"History" tab allows you to check past movement of the devices. To take a look at the history:

1. Select a device you want to see history of,
2. Select a date
3. Select display elements (line, points, POI, stops)
4. Click "show" button

Note: You can quickly switch to a day before or after selected date by using minus (-) and plus (+) buttons.

The screenshot displays the 'history' tab of a tracking application. The interface is divided into several sections:

- Navigation:** Tabs for 'current state', 'history' (active), 'reports', and 'settings' are at the top.
- Device Selection:** A dropdown menu shows 'LJ BK 144 (3560)'.
- Date Selection:** A date picker shows '05.08.2015' with minus and plus buttons for navigation.
- Display Options:** Checkboxes for 'line' (checked), 'POI', 'multi layers', 'points', and 'stops' are visible. A 'show' button is highlighted.
- Map:** A map of the Domžale region shows a red line representing the device's path. A red circle with '1' marks the start point, and a red circle with '5' marks the end point. A 'START 0:00:00' label is also present.
- Left Sidebar:** Contains a speedometer (0-200 km/h), a timeline with 'start', 'play', 'stop', and 'end' buttons, and a data table.

GPS time	tracker ID
5.8.2015 4:59:44	3560
Latitude 14,7084	Longitude 45,9833
altitude (m) 464	
direction 325	satelits 0
location POLICA POLICA 90	
input 1 1	input 2 0
input 3 0	
temperature 0	anal.input 0
driver name	dist.to prev. 10,96
fuel cons(L) 0	fuel level (L) 0
fuel level (%) 0	
counter (km) 0	rotates (rpm) 0
speed (km/h) 0	

Display elements

Display elements

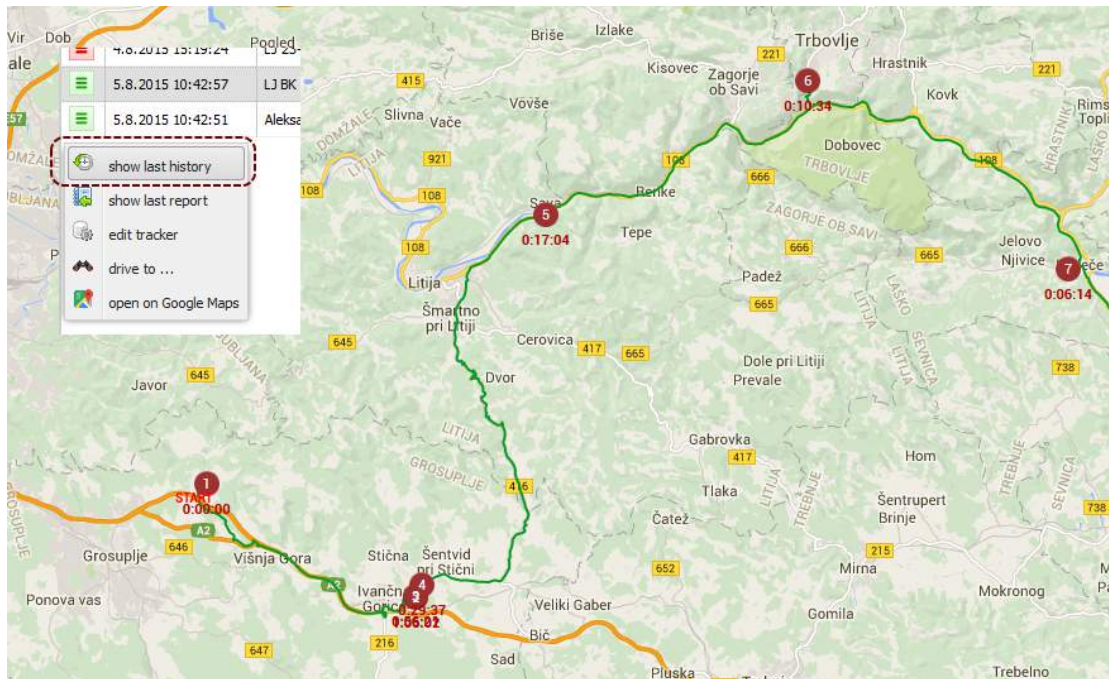
- **line**: display line of travel - device movement
- **points**: display each point (i.e. every received GPS position from device)
- **stops**: display stops (bigger red dots)
- **POI**: display POI layer



Show last history

With the "show last history" function, you can quickly view last saved movement of the device. To use "show last history":

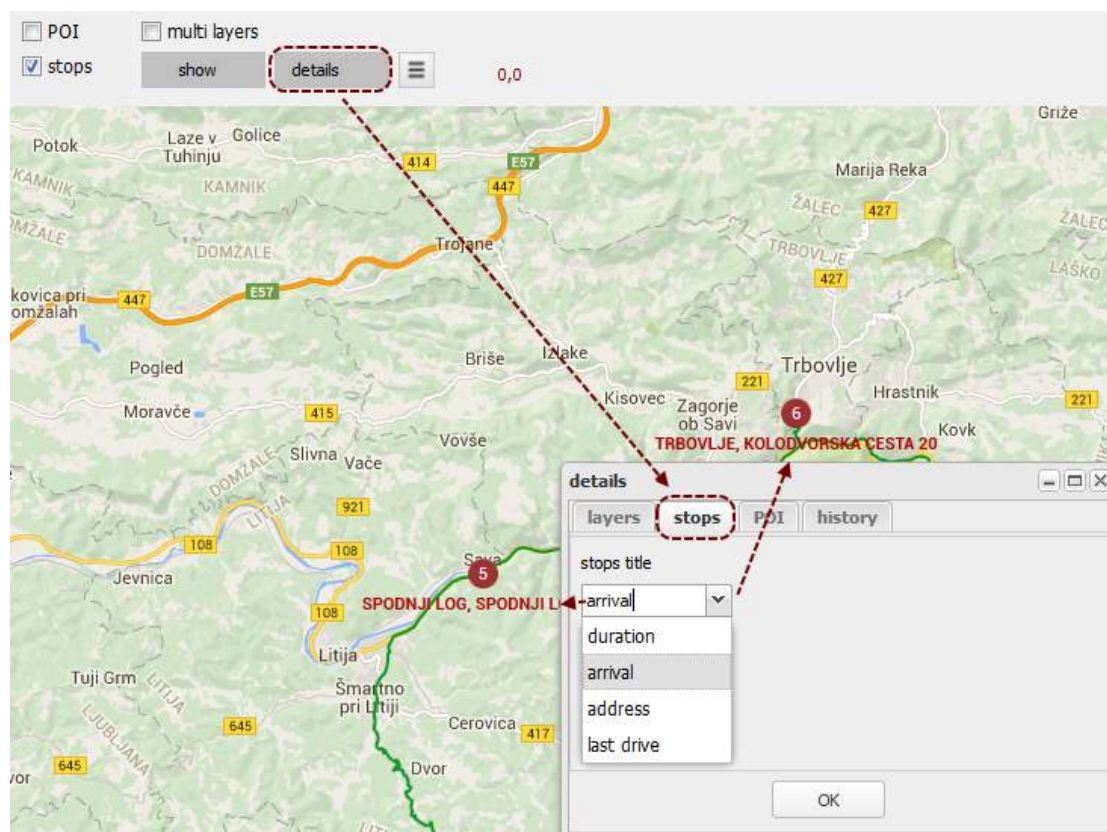
1. Go to "current state" tab,
2. Open menu next to device you want to see history for,
3. Click option "Show last history".
4. History tab will open, with selected device's latest history loaded.



History display settings

Shown info below stops

To change desired shown data below stops, click "details" button and select "stops" tab. Here, you can select which information should be displayed below stops.



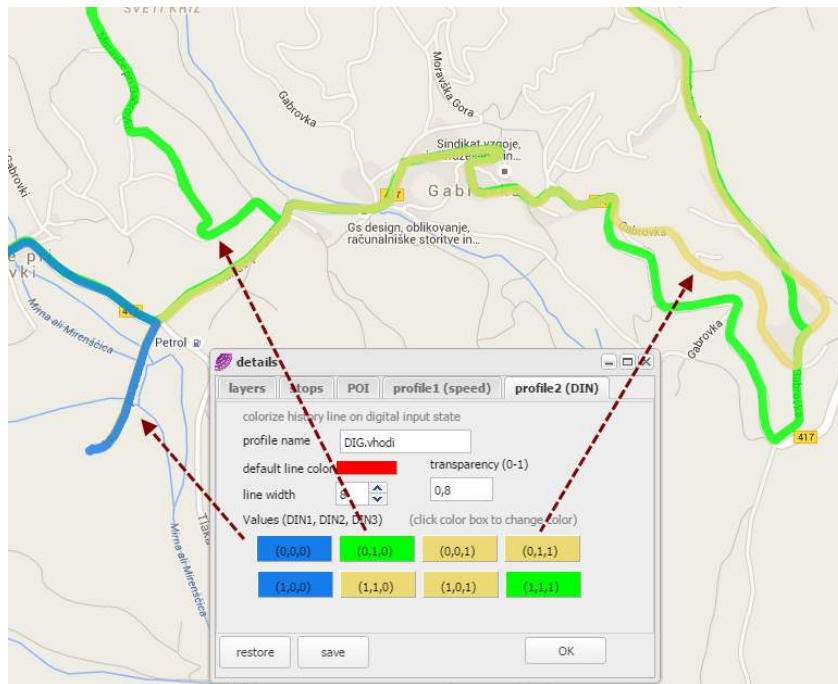
Color travel line based on speed or digital input (DIN)

You can make lines colored based on device's travel speed or digital input (DIN). You can select the active profile on top bar next to line and points checkboxes (see picture).



You can make lines colored based on device's travel speed. Again, click on "details" button, and select "profile 1 (speed)" tab. Here you can define your own speed limits and appropriate colors. You can save changes you've made by clicking "save" button below.

Don't forget to change to this profile as described above!



Data, charts, and point filters

You can access charts and point filters by clicking "data/charts" (1) button on history tab. A new window will open up. Here, you can select exact time span (from-to) (2), and select filtering by digital inputs (3) and/or speed (4). When you've set the desired filtering, click on "apply filter" button (5) to apply changes.

You can also preview filtered points on the map. After applying filters, click "update map" button (6), and your map will update accordingly, showing only filtered points.

The screenshot shows a tracking application interface. At the top, there's a navigation bar with options like 'select tracker', 'date', 'on-line', 'line', 'speed profile', 'POI', and 'multi layers'. Below this, a dropdown menu shows 'Demo Teltonika (3318)' and a date '02.02.2016'. There are also buttons for 'start', 'play', 'stop', 'end', and a zoom control. A speed profile chart is visible on the left, showing speed in km/h. The main part of the interface is a map showing a route through Central Europe, including Germany, the Czech Republic, and Austria. A green line represents the tracked path. Below the map, there's a data table with columns: ID, device ID, date/time, lat, lon, TE, time received, path, speed, acceler, and X04. The table contains several rows of data. Red annotations highlight specific UI elements: (1) 'data/charts' button, (2) 'from' and 'to' time selection fields, (3) 'search by DIN' and 'din1', 'din2', 'din3' filters, (4) 'search by speed' filter, (5) 'apply filter' button, and (6) 'update map' button. Red arrows point to the map, with text indicating 'points filtered out, not shown' and 'points filter accordingly!'.

ID	device ID	date/time	lat	lon	TE	time received	path	speed	acceler	X04
1037467	3318	2.2.2016 4:06:43	48,1457	16,5086		2.2.2016 4:06:27	492.15	90		16506639
1037463	3318	2.2.2016 4:06:02	48,1421	16,5189		2.2.2016 4:05:47	501.39	94		16518856
1037455	3318	2.2.2016 4:04:42	48,1318	16,5403		2.2.2016 4:04:27	505	92		16540342
1037453	3318	2.2.2016 4:04:22	48,1304	16,5468		2.2.2016 4:04:07	490.82	90		16546802
1037445	3318	2.2.2016 4:03:02	48,1285	16,5730		2.2.2016 4:03:11	495.11	91		16573032
1037443	3318	2.2.2016 4:02:23	48,1274	16,5864		2.2.2016 4:03:11	497.28	95		16586351
1037440	3318	2.2.2016 4:01:22	48,1239	16,6055		2.2.2016 4:03:11	496.98	90		16605482

On "charts" tab, you can preview data on a nice graph. In first drop-down, select the first type of chart you want and after that, you can click "show" button to display graph.

You can also preview two chart types at once. Make a check next to "combine with" and select the second graph type you want to display. Click "show" button to see it.



Export history to Excel

To export history to Excel XLS format, click on the menu next to "details" button, and select option "export data to Excel".

