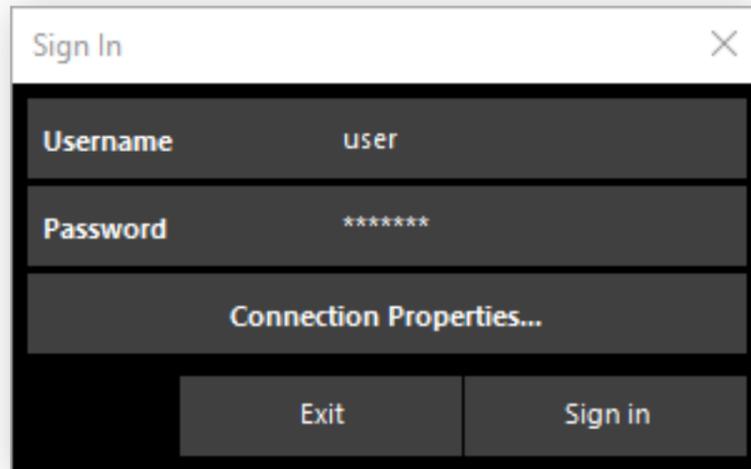


GINA Central v. 2.9

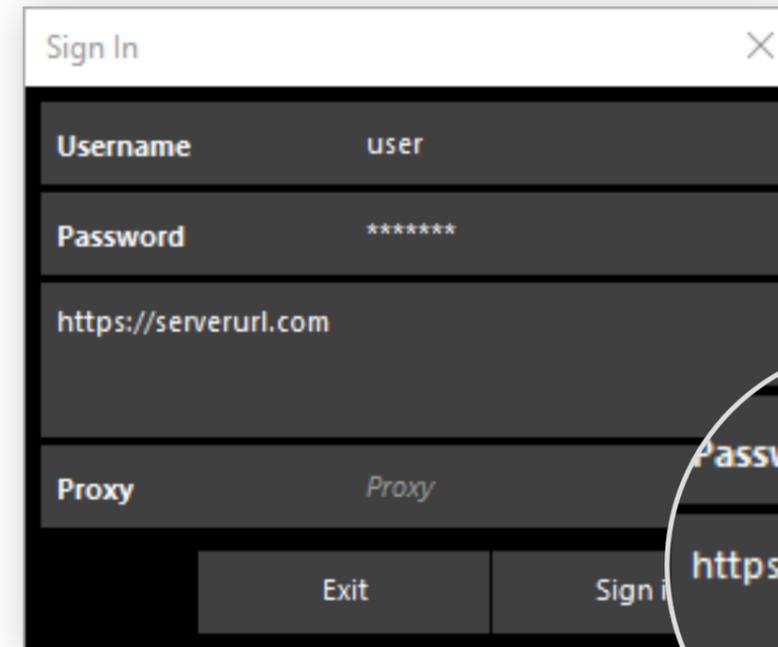
Advanced User Quick Guide

GINA Central Login



1 Login Credentials

Enter the provided Username and Password.



2 Server address

The **Connection Properties** button will enable the **Proxy** and **Host** fields. Check if the address matches your preferred server and then click on **Sign in** or hit the **Enter** key.



GINA Central helps to increase the safety and security of units and provides live data feed in challenging environment.

GINA Central Layout



1 Ribbon with Tabs

Buttons for interacting with GINA Central are located in the Tools and Configuration tabs.

2 Photo Panel

Top panel contains photos and pictures saved or imported in to the selected layer.

3 User Panel

Left panel displays groups of users and the number of users (Active/Total) in each group.

4 Map

Visualization of all geographical data in real time or history, with various adjustable elements.

5 Data Layer Panel

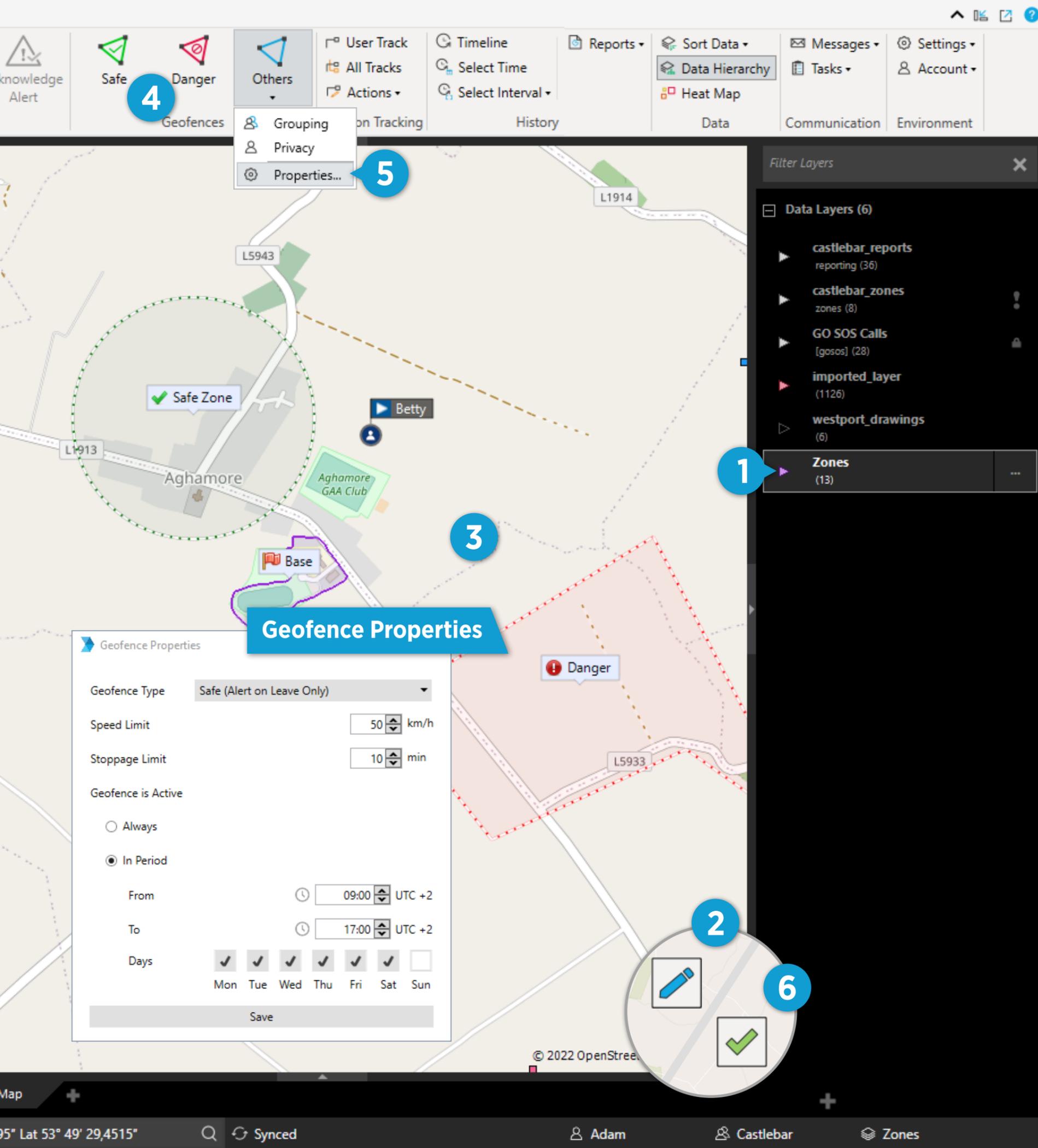
Right panel displays data layers where content such as zones, POIs or field reports is stored.

6 Timeline Panel

Bottom panel contains tool for displaying data and user tracks in a selected time interval.

7 Status Bar

Bottom bar contains centered location, search field, status, selected user, group, and layer.



Geofence Setting

- 1

Select Data Layer

Select a layer from the **Layer Panel** on the right where the created geofence should be listed. Filled triangle indicates that the geofence will apply on the selected user.
- 2

Switch to Edit Mode

Click on the **Edit Mode** button at the bottom right corner of the **Map** or press the **space bar**.
- 3

Draw Shape

Draw a **polygon** by clicking points, a **circle** by double click and dragging, or drag to draw a **curve**.
- 4

Create Geofence

Choose the required geofence type in the **Tools** tab section **Geofences**.
- 5 Alternative

Geofence Properties

Geofence Properties enable you to set extended properties, e.g. speed limit, stoppage or time validity.
- 6

Confirm

Confirm the changes by turning **Edit mode** off or by pressing the **space bar**.

Grouping Zone

When users enter **Grouping Zone**, a **user group** with the same name is created. This group lists all users currently located in the grouping zone automatically. Only a zone with a **name** can be converted into a grouping zone.

Emergency Handling

1 Receive Notification

When **Alert** is triggered, a notification shows up at the top left of the map and a **sound alert** is launched.

2 Display User in Emergency

Clicking on the notification centers the user/s in **Alert** on the map and **mutes the sound** alert. A dynamic group **Alerts** listing all users in **Alert** is created automatically.

3 Acknowledge Alert

After assessing the situation, an operator can **Acknowledge Alert** to indicate the situation is being resolved. Acknowledgement is indicated by **two circles** around the user.

4 Turn off Alert

After the situation is resolved, the **Alert** can be turned off – either by clicking on the **Alert** button or automatically after meeting certain conditions, e.g. leaving the danger zone.



Red Alert is triggered manually by pressing the emergency button on the device or the **Alert** button in GINA Central. The priority of this alert is always the highest.



Yellow Alert is triggered automatically by the system, when certain condition is met, e.g. crossing the Geofence or exceeding sensor value limit.

The screenshot displays the GINA Central interface with the following elements:

- Top Toolbar:** Includes 'Map', 'View', 'Alert' (highlighted with a blue circle 4), 'Acknowledge Alert' (highlighted with a blue circle 3), 'Safe', 'Danger', 'Others', 'Geofences', 'User Track', 'All Tracks', 'Actions', 'Timeline', 'Select Time', 'Select Interval', 'Reports', 'Sort Data', 'Data Hierarchy', 'Heat Map', 'Messages', 'Tasks', and 'Se'.
- Left Sidebar:** Contains 'Filter In Group', 'Alerts Users: 3 / 3', 'Active Users (1)' (listing Ben, Trigger - Device), and 'Bots (2)' (listing Adam, Trigger - Operator at 50 km/h and Betty, Trigger - Geofence Entered at 20 km/h).
- Main Map:** Shows a map of Aghamore with a 'Safe Zone' (green dashed circle) and a 'Danger' zone (red dashed area). Adam is marked with a red alert icon (circle 1) and two concentric circles (circle 2). Betty is marked with a yellow alert icon (circle 2). A 'Base' is also visible on the map.
- Bottom Status Bar:** Shows coordinates (Lon -8° 48' 55,9486° Lat 53° 49' 28,3572°), 'Synced', and user names 'Adam', 'Castlebar', and 'Zones'.

Message Sending

1 Select User

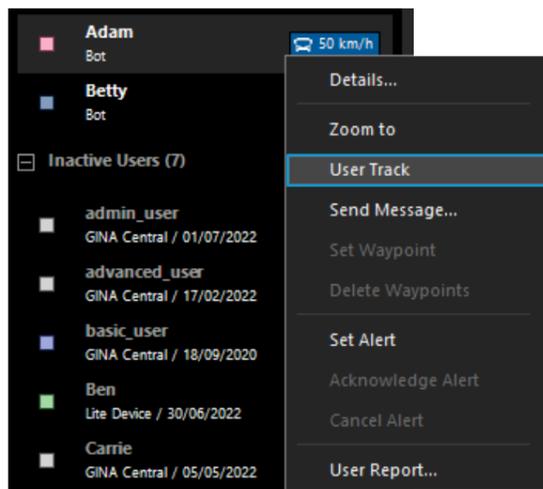
Select a user or a group from the **User Panel** on the left or directly on the map. To select more users, right click and drag on the map or select the users while holding the Ctrl key.

2 Type Message

Click on the **Messages** button in the **Tools** tab, select **Send: [user]** and type your message.

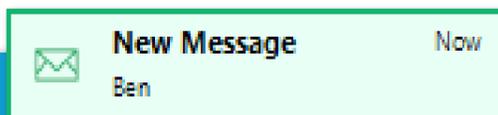
Alternative

Alternatively, send a message by right clicking on a user in the **User Panel** and then choose **Send Message** in the context menu.



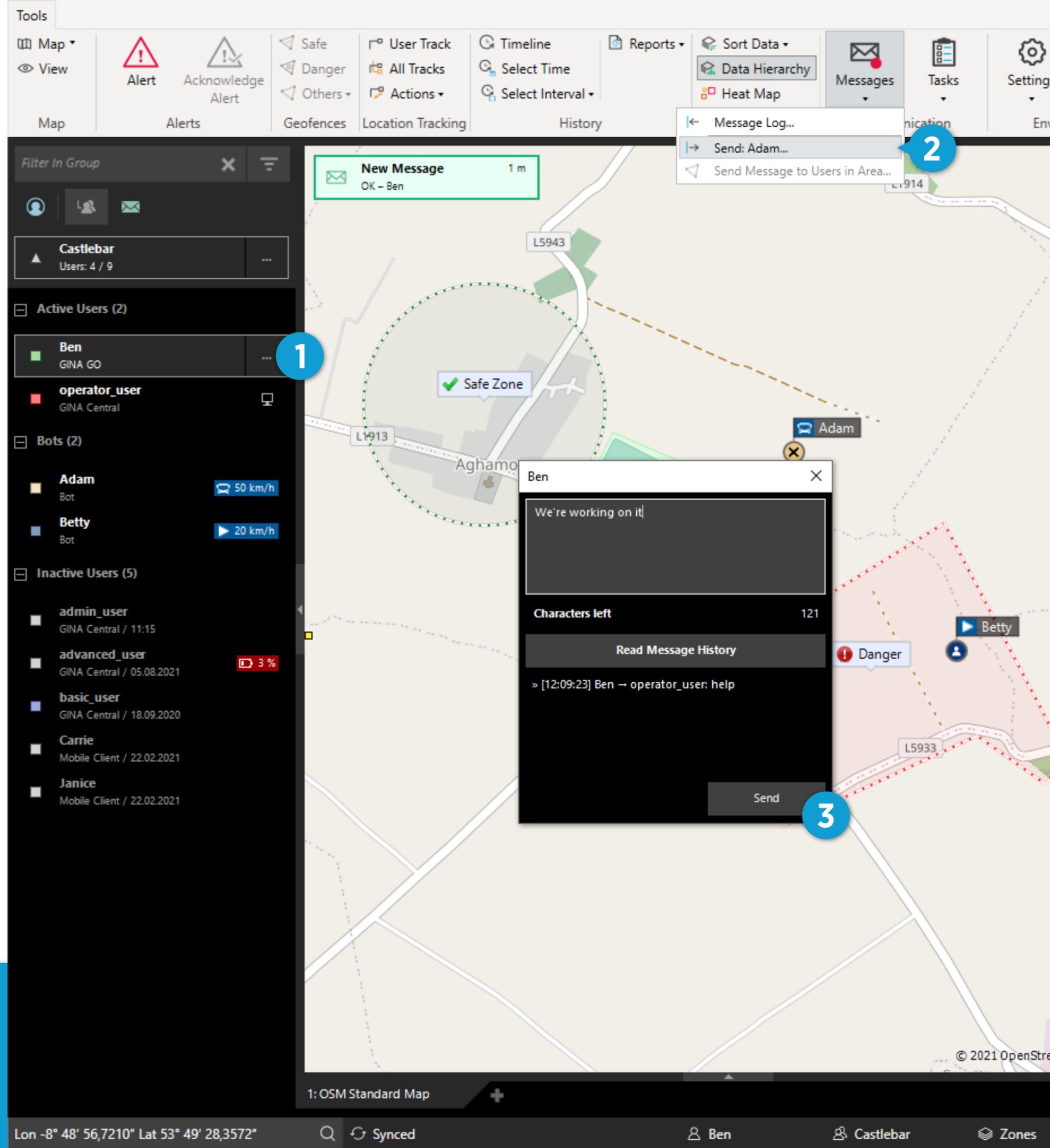
3 Send Message

After you type your message, click **Send** or hit **Enter** key.



Notifications

New message is indicated in 3 ways – by the notification in the top left corner of the Map, by the red dot on the **Messages** button in the **Tools** tab, and by the **Messages** dynamic group in **User Panel** on the left.



Tracking History

1 Select User

Select a user from the **User Panel** on the left or directly on the map.

2 Display Track

Switch on the **User Track** in the **Tools** tab. **Timeline** at the bottom will open automatically.

3 Choose Time Interval

Select the desired time interval by dragging over the **Timeline** where the presence of the device activity and user alerts are visualized.

Alternative

To select time interval according to exact time values, click on **Select Time** in the **Tools** tab.

4 Crop to Tracks

To select time interval according to the displayed track, choose the **Crop to Tracks** option under the **Select Interval** button in the **Tools** tab.

5 Check User Movement

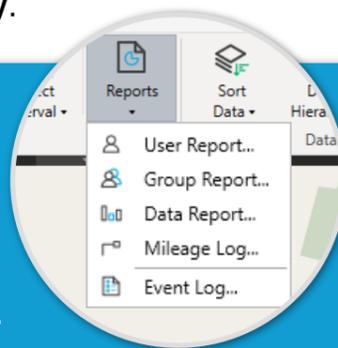
By clicking on any point of the track, you can find more details about the user, e.g. status or speed. An icon next to the track point indicates user's state change at the point and the track section highlighted in red indicates speeding at the time.

6 Replay Movement

To replay movement of the user in the selected interval, click on **Replay**.

Reports

To see the records and statistics of a selected situation, choose from different report options in the **History** section in the **Tools** tab.



The screenshot displays the tracking application interface. At the top, the **Tools** tab is active, showing various icons for **Map**, **View**, **Alert**, **Acknowledge Alert**, **Geofences**, **User Track**, **All Tracks**, **Actions**, **Timeline**, **Select Time**, **Select Interval**, and **Reports**. The **User Panel** on the left lists users: **Westport** (Users: 3 / 6), **Westport_subgroup** (Users: 1 / 1), **operator_user** (GINA Central), **Bots** (2), **Daniel** (Bot, 60 km/h), **Jasmine** (Bot, 40 km/h), and **Inactive Users** (3), including **admin_user**, **advanced_user** (GINA Central / 17/02/2022, 3%), and **basic_user** (GINA Central / 18/09/2020). The map shows a track for **Daniel** with a speed limit of 60 km/h. A **Select Time** dialog is open, showing a date range from 13.04.2022 9:00:00 to 13.04.2022 13:28:23. A **Select Interval** dropdown menu is also visible, with options like **Select Until Now**, **Crop to Tracks**, **Lock Current Selection**, **Lock Last Hour**, **Lock Last 24 Hours**, and **Lock Current Day**. A **Timeline** at the bottom shows a red bar indicating activity from 00:00 to 11:00 on Mon 25/04/2022. A **Replay** button is visible on the timeline. A **Speed** popup shows details for a track point: **Lon -9° 5' 46.5072° Lat 53° 51' 4.1364°**, **Accuracy: 1 m**, **Altitude: 415 m**, **Created: 25/04/2022 09:53:18**, **Distance: 28.55 km**, **Speed: 90 km/h**, and **Speed Limit: 60 km/h**.

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