

## TOOL OVERLAYS



The **Overlays** function has been developed to graphically overlay sampling from 2 or more inclinometers (up to a maximum of 20) and be able to evaluate the relationship of sampling between sensors over time (up to 1 year) and to understand the behavior of the whole structure.

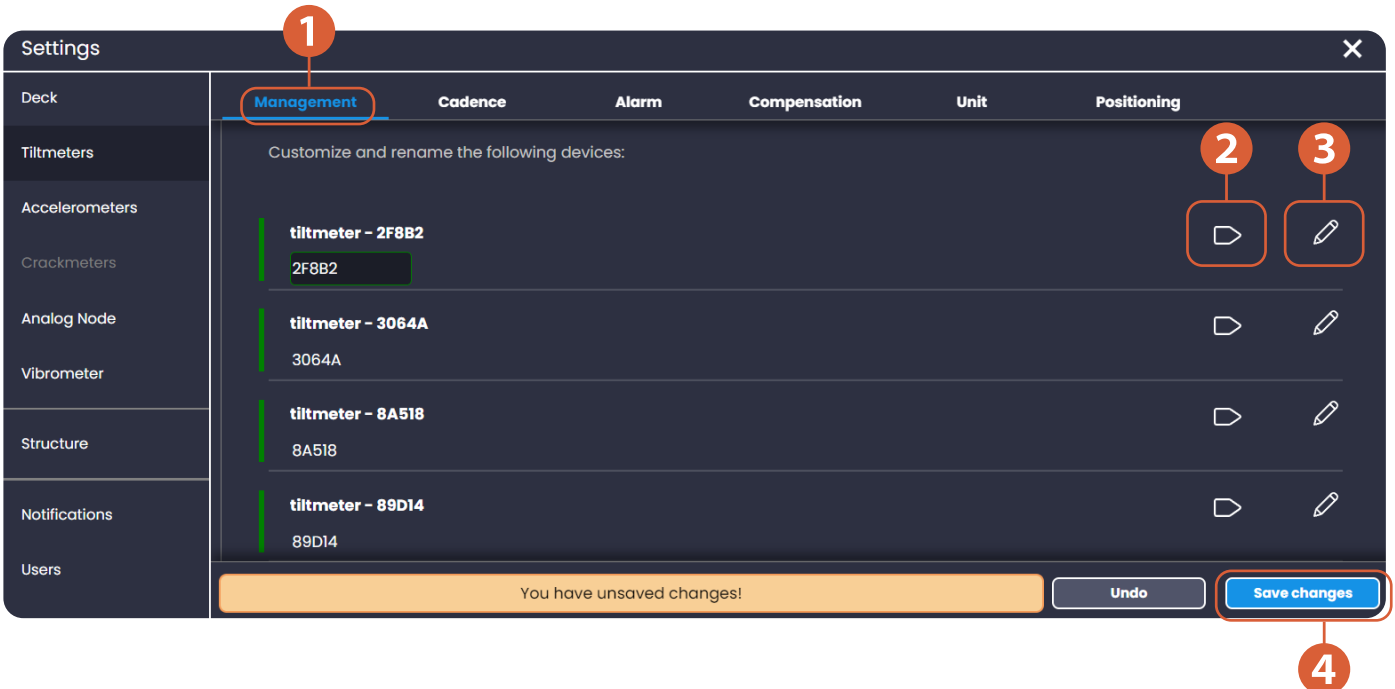
# 1. Configuration

The first step is to go to **Settings** and assign a name for each sensor that identifies it in a section or group. (For example *Tilt\_1*, *Sez\_1Top*, ...).

This procedure is necessary to facilitate subsequent grouping and analysis.

If not modified, the EUI of the default sensors will still be present. (skip to Overlays section)

- 1 Open **Management** window
- 2 Select the tag  to change the color
- 3 Select the pen  to change the name
- 4 Once the settings are complete, click on **Save changes**





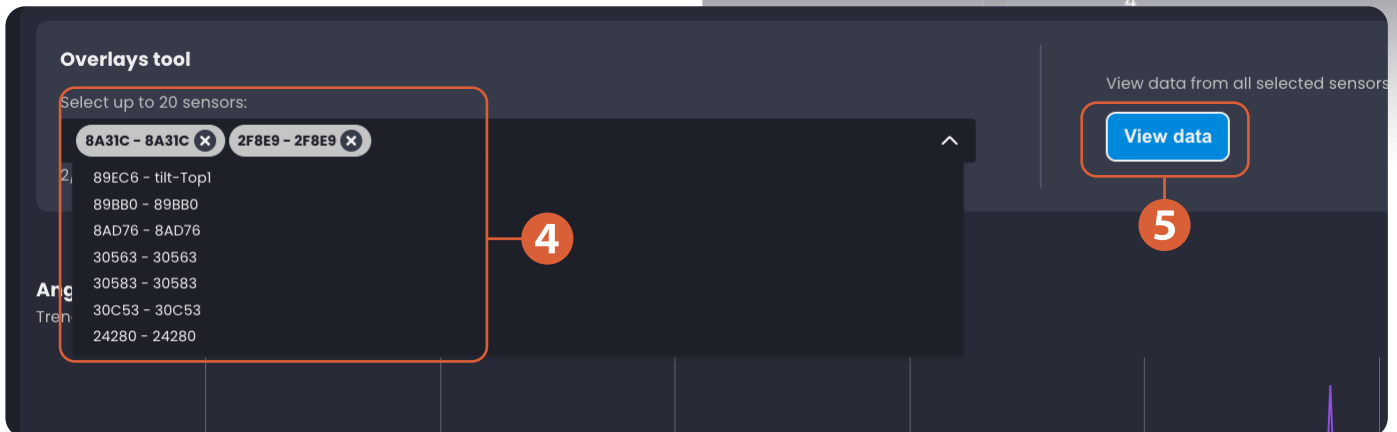
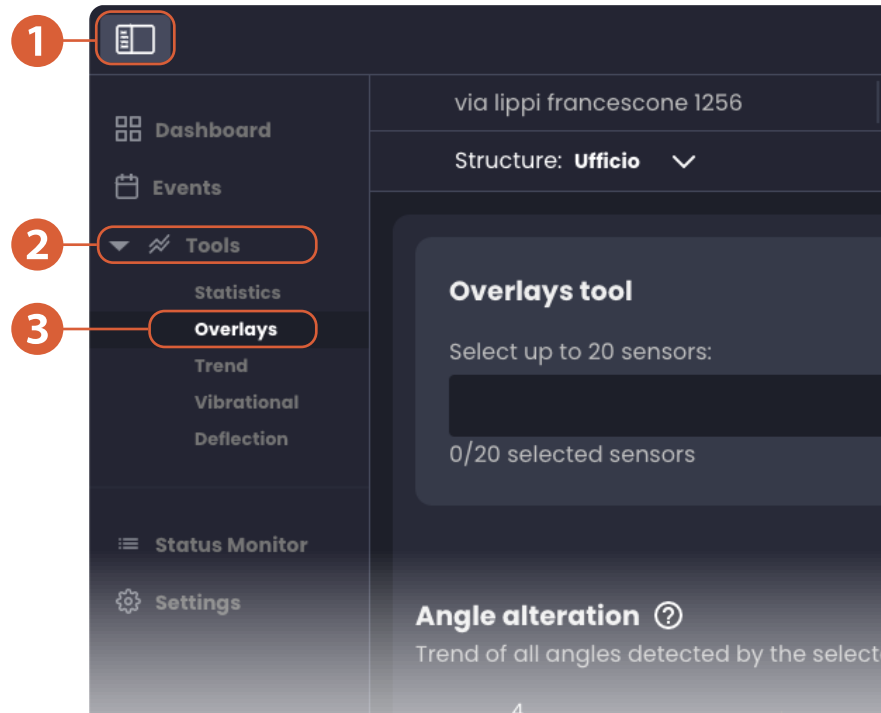
The screenshot shows the 'Settings' window with the 'Management' tab selected. The window lists several tiltmeters with their IDs and names. The steps are indicated by numbered callouts:


- 1**: The 'Management' tab is highlighted.
- 2**: A tag icon (a square with a right-pointing arrow) is highlighted next to the first sensor's ID.
- 3**: A pen icon (a pencil) is highlighted next to the first sensor's name.
- 4**: The 'Save changes' button is highlighted at the bottom right of the window.

A notification bar at the bottom of the window states: "You have unsaved changes!" with 'Undo' and 'Save changes' buttons.

# 1. Overlays window

- 1 Click on the icon  on the top left of the page to open the side navigation menu
- 2 Select **Tools** 
- 3 Select **Overlays**
- 4 From the list of the devices select the sensors to be grouped
- 5 Click on **View Data**



Everytime you add or remove (  ) sensors from the selected group, click on **View Data** to update the graphs.

The created group remains in the local cache, consequently the group will no longer be visible if you:

- switch browser
- changing structure
- log-out the Platform

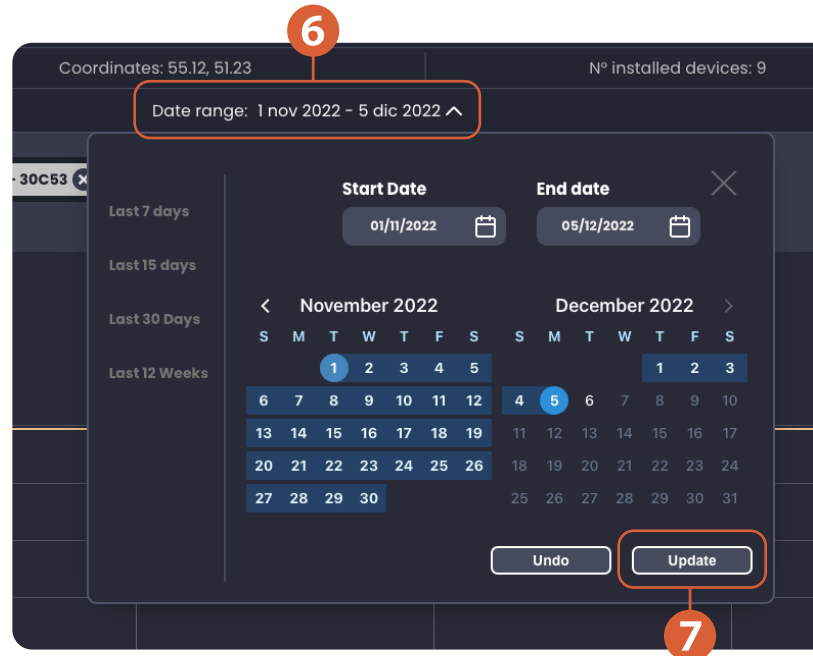
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**6** Select the date to open the calendar, click on the first date and click on the last to set the period (up to 1 year)

**7** Click on **Update**


Based on the “Data Range” chosen, a decimation is made to make the graph understandable. Decimation occurs with the following criteria:


- 0 to 1 day (inclusive): No decimation
- From 1 to 7 days (inclusive): 20 min.
- From 7 to 30 days (inclusive): 1 hour
- From 30 to 365 days (inclusive): 12 hours



## TOOL OVERLAYS

8 Menu icons:

 Click to download the graph as a **.png** file


 Click here and select an area of the graph to zoom and visualize in detail

 Click here to move through the graph

 Zoom In

 Zoom Out

 Autoscale the graph

 Reset the axes

