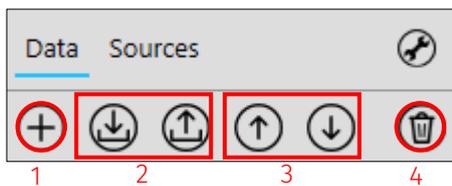## Live data overview

When connected to the device, you can view channel data in real time on the **Live Data** page.
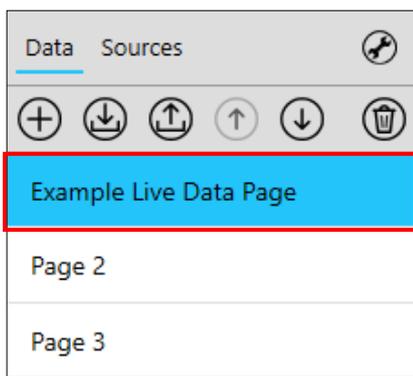
Live data pages

Add and name live data pages

You use the **+** tool in the **Data** menu (1) to add live data pages. You can use the import and export tools (2) to import and export live data pages between Toolset versions and PCs. If you add multiple live data page you can use the reorder buttons to reorder items in the menu (3). Use the 'bin' tool to delete live data pages (4).
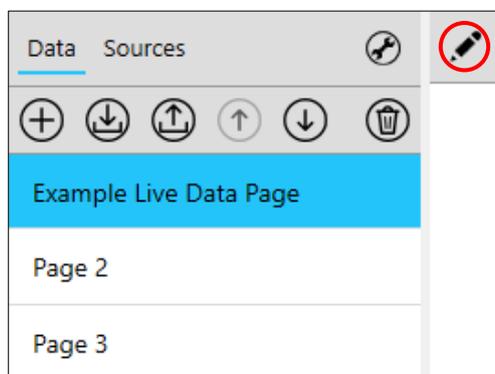

Click the name text box to rename a live data page.
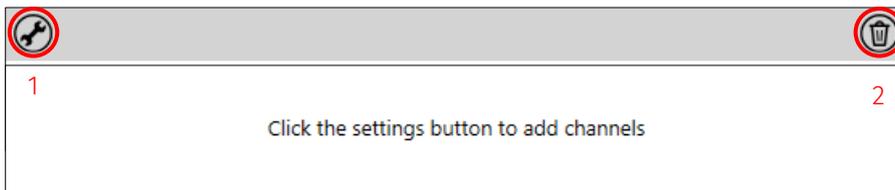

Configure live data pages

To configure live data pages, click the 'pencil' icon to enable 'edit mode'.

Live data display types
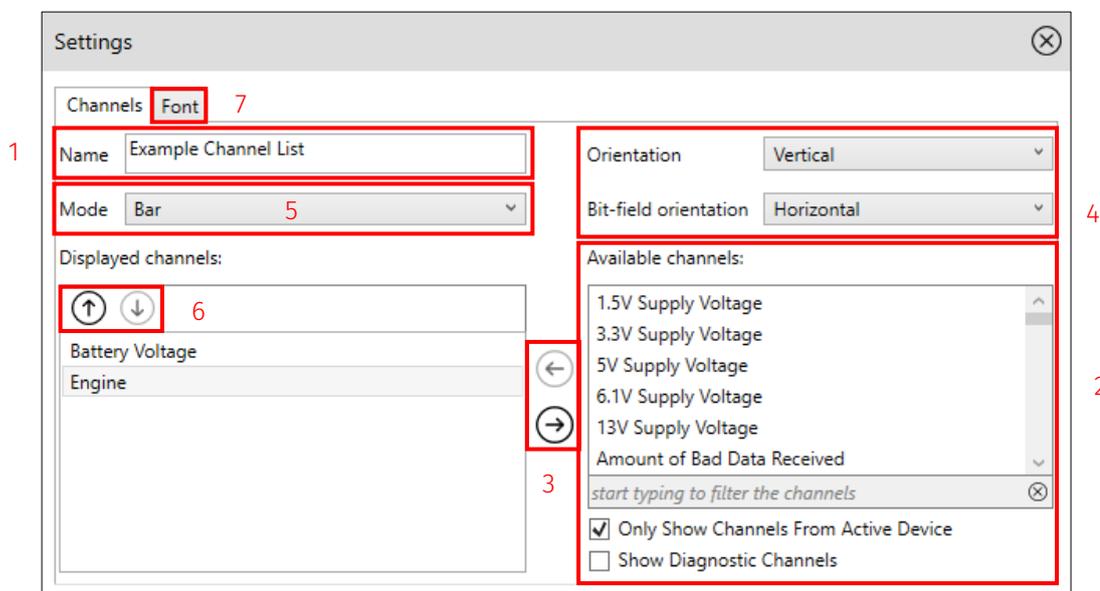
In edit mode you can add four display types:

- **Channel list** – Used to display channel values as raw values or bar graphs
- **Map control** – Used to display a map
- **Tabular outing report** – Used to display telltales (see [Telltales)](Telltales)
- **Chart recorder** – Used to display channel values as line graphs

Channel List

Once you add a channel list, use the 'wrench' tool to open the display settings to add channels to the display (1). Use the 'bin' tool to delete the display (2)

From the display setting menu you can define the name of the display (1). A list of the available channels is displayed and can be searched (2). Double-click on a channel to add or remove it from the display or use the insert and remove tools (3). You can select the display mode (bar or value) from the dropdown menu (4). Select the orientation of standard channels and bit-field channels (horizontal or vertical) from the dropdown menus (5). Use reorder tools (6) to change the order of channels in the display You can select the display font, size, and colour from the **Font** menu (7).

Close the display settings menu and exit edit mode to view the list of configured channels. Enumerated bit-field channels are displayed according to their enumerated statuses.
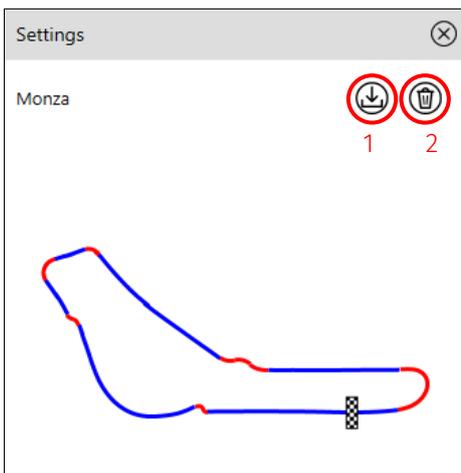

Map control

Once a map control display has been added, use the 'wrench' tool to open the display settings to add channels to the display (1). Use the 'bin' tool to delete the display (2).
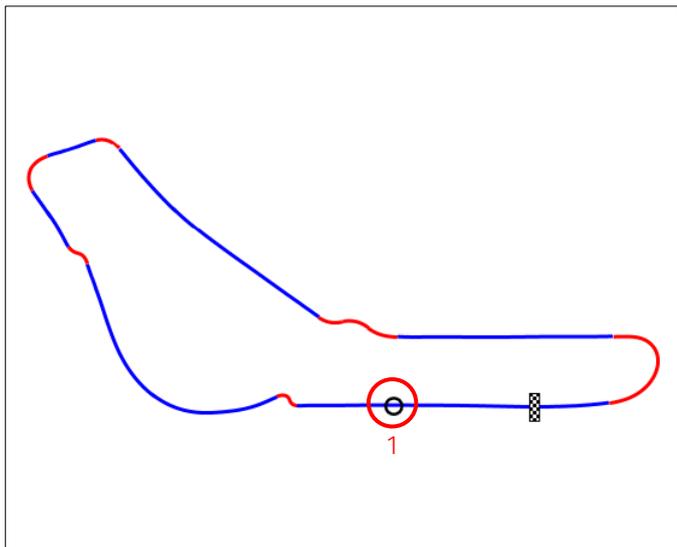

When the display setting menu is open you can import a track map (.*pxt* file format) (1). You can use the 'bin' tool to delete a track map (2).

Close the display settings menu and exit edit mode to view the Map Control display. When connected to the device via telemetry the vehicle position is displayed on the map (1).
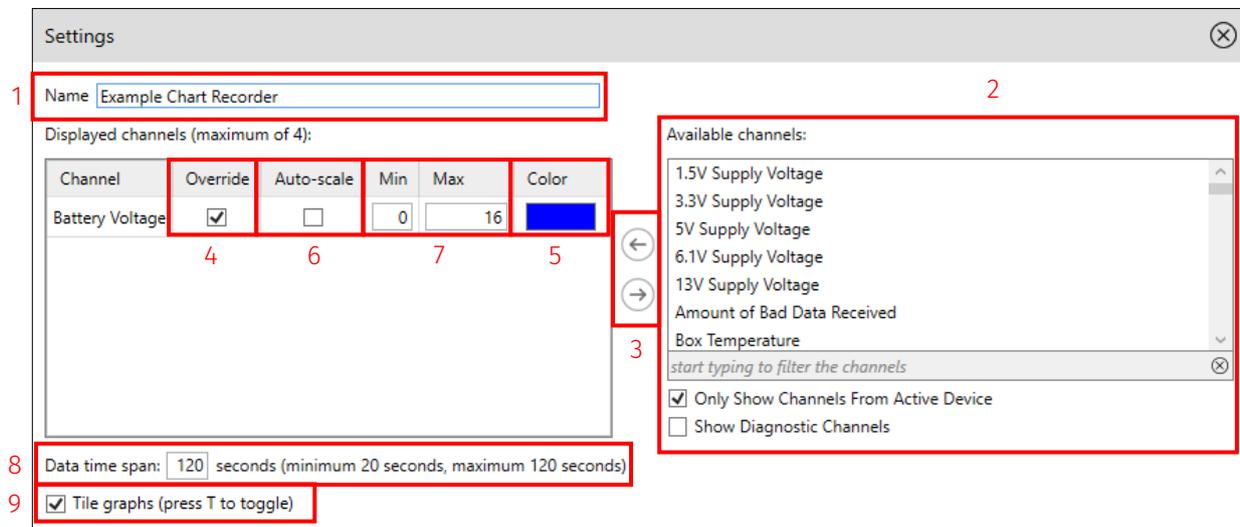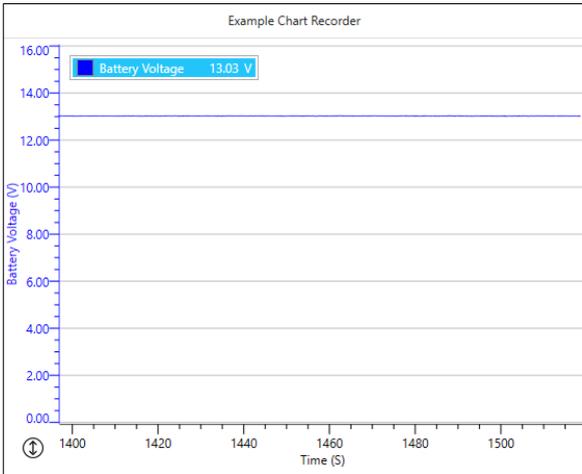
Chart recorder

Once a chart recorder display has been added, use the 'wrench' tool to open the display settings to add channels to the display (1). Use the 'bin' tool to delete the display (2)

When the display setting menu is open, you can define the name of the display (1). A list of the available channels is displayed, and you can search specific channels (2). Double-click a channel, or use the insert and remove tools, to add or remove a channel (3). You can change the default display colour (4) and select another colour from the **Color** menu (5). You can auto-scale the display Y axis (6), specify the Y axis minimum and maximum (7), the X axis time span (8), and whether the channels are overlaid or tiled (9).
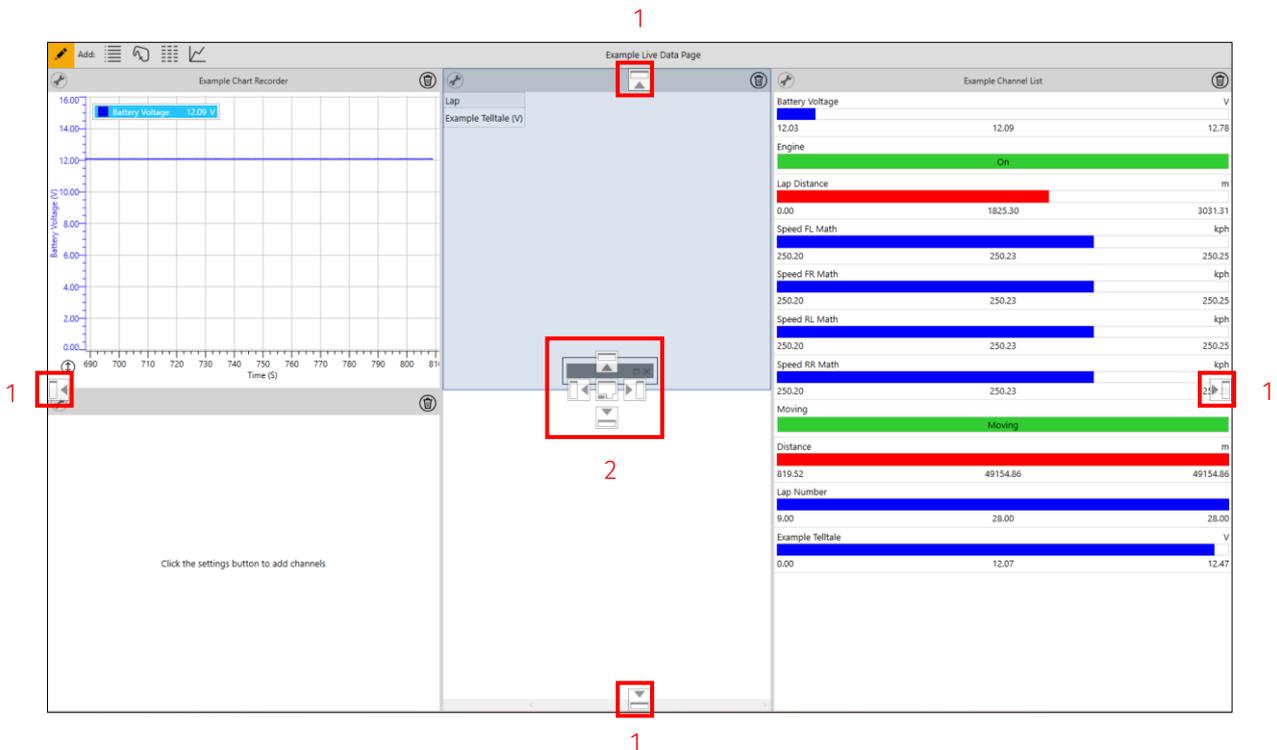
Close the display settings menu and exit edit mode to view the configured chart recorder display.
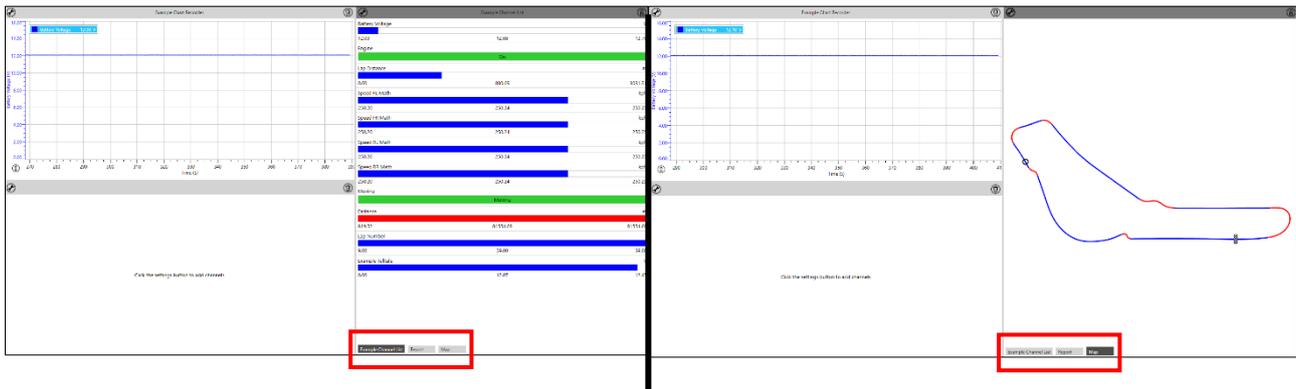

Arrange live data pages

You can rearrange live data displays. In edit mode you can adjust the display width and height. Drag the edge of the displays to the required width and height (1).

To reposition live data displays, click the top of a display and drag it to one of the available positions (2).

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You can also lay displays on top of each other to occupy the same area. The display for the area can be chosen by the user by selecting the display from the list at the bottom.

Sources

The **Sources** menu displays the status of the telemetry network connection and the number of clients on the telemetry network. You can check the state of the telemetry link and view the target directory for the logged telemetry data.

The **General** section shows the name of the source, the device, and the setup.

The **Connection** section shows if your source is enabled, together with a **Click to refresh connection** option.

Under the **Status** section you can see the status of your telemetry connection together with information about your connection.

Under the **Telemetry Logging** section, you can see the status and destination of the logged data.