Insight manual
Congratulations with your purchase! Thank you for choosing Quantified.

Please note: Quantified can only guarantee full end to end functionality when all components in the network are supplied by us. The use of third-party data platforms to view your data based on our API-coupling are no hurdle.

Connecting to the Quantified data platform "Insight"

With your order you received your login and password for logging onto the Insight-platfom. To connect to Insight please use either Google Chrome or Firefox. WARNING: Insight will not work correctly using other browsers like Internet Explorer or Safari.

We use Amazon Webservices for data flows and -storage. Your data is handled with the greatest care and we comply with the highest standards. Please find the AWS privacy statement here:
https://aws.amazon.com/compliance/data-privacy-faq/

Go to www.quantified.eu http://www.qauntified.eu/and use the "Log in" button in the right top corner of the website to connect to Insight and access your data. We advise you to change the password you received from Quantified.
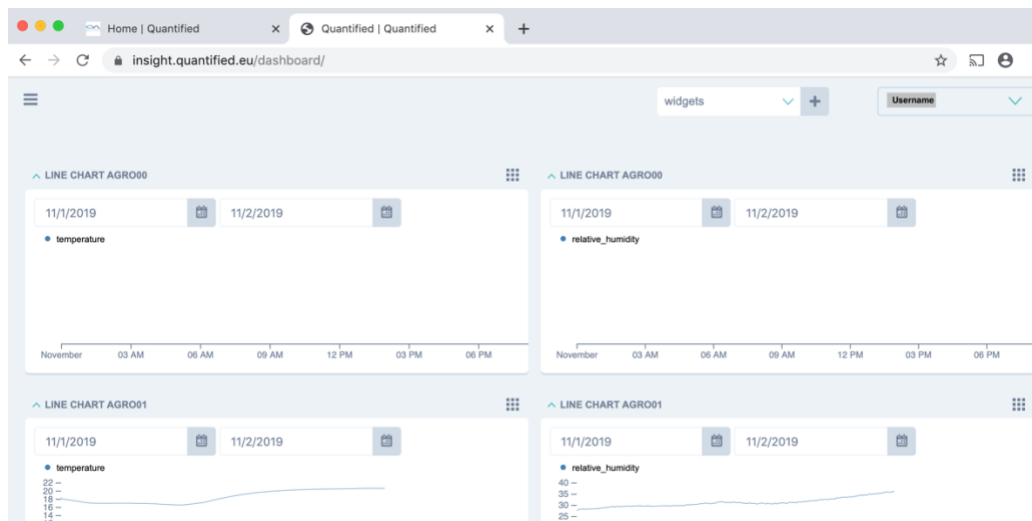

After clicking on the Log in link you will be asked to enter your username and password.
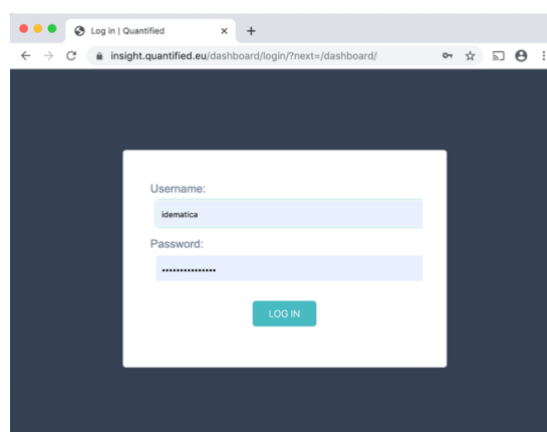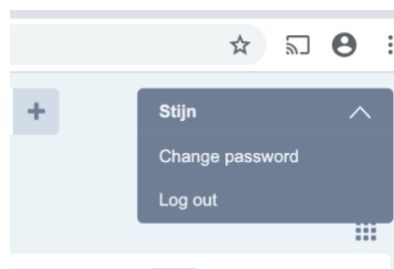

Dashboard view

After logging on you will find yourself on the dashboard page on which you can add selected widgets for specific parameters. With drag and drop, graphs can be shown in two columns.

We advise to change the password you received from Quantified. Clicking on the arrow next to your username will show you the Change password option.
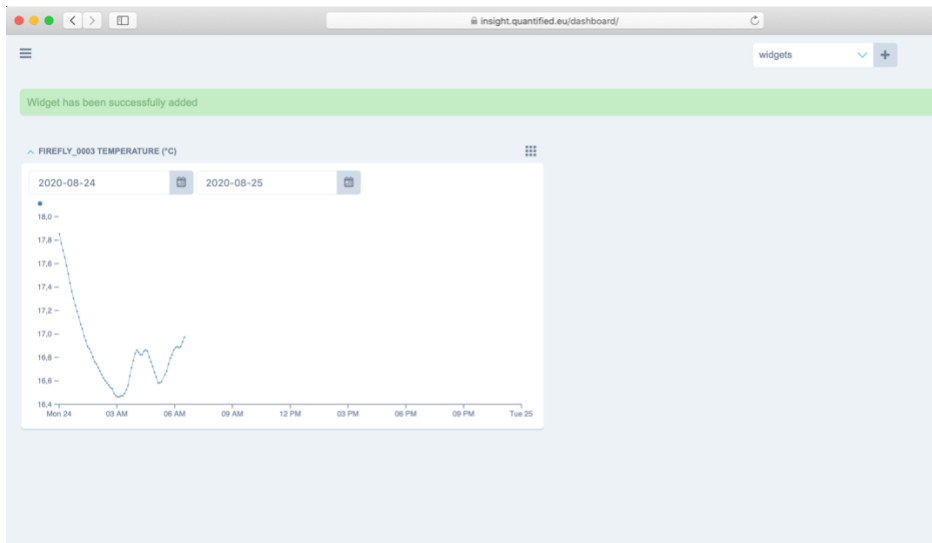

The dashboard page shows some Widgets with sensor data of your devices. You can change the Sensor field and date ranges.
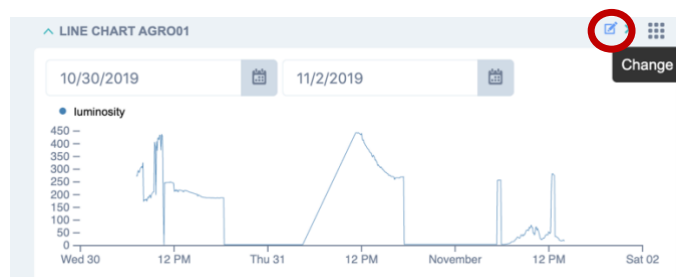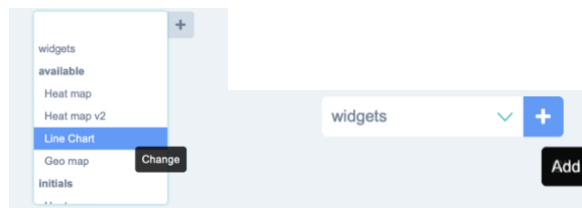

Managing Widgets
A Line Chart Widget shows the values of a Sensor field of a certain Device over the selected period.
On your Dashboard you can place multiple Widgets.

You can Add, Change, Move and Delete Widgets on your Dashboard.
To Add a Widget from the Widget drop down select a Widget type and click on the +.


This will add a Widget on the desktop. The new widget is always placed in the top left column. You can now define the Widget characteristics.
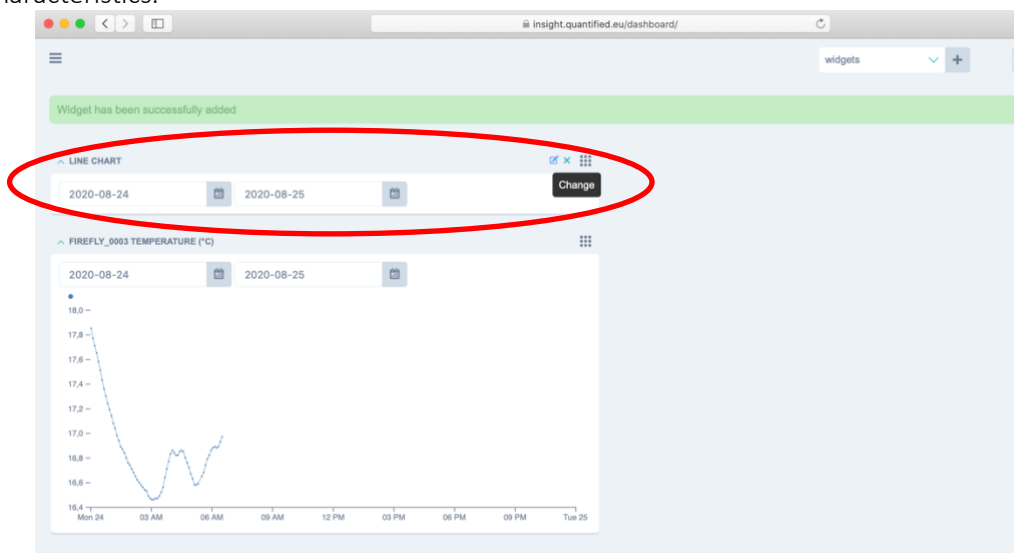
To Define a Widget, select the change Widget Icon on the top right of the Widget.
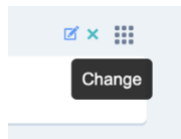

If the change Widget Icon is not visible then hoover over the ⠿ icon first.
Select the device from the list and choose the Field type. Next click on the SAVE button.
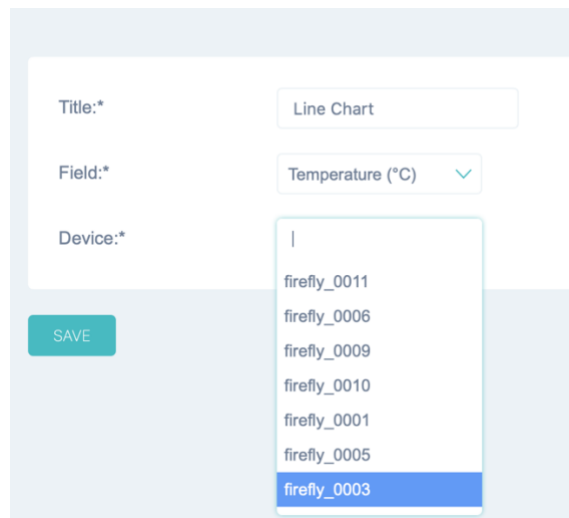
The result is automatically saved on the dashboard. You can re-position the widget by clicking and dragging the Widget on its ⠿ Icon.

You can change the date range in the widget by selecting another start and end date.
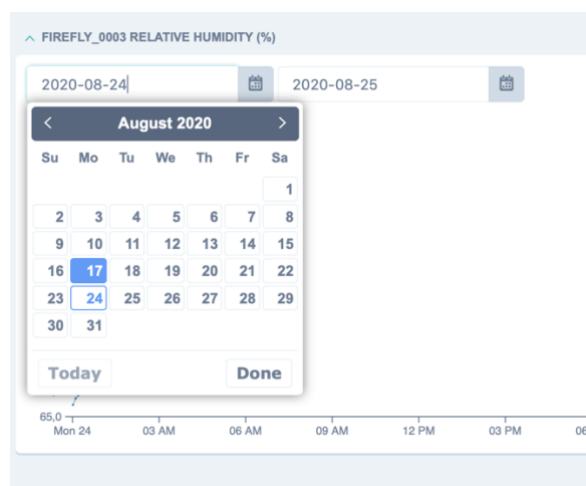
You can delete a Widget by clicking on the delete icon (blue cross) in the top right corner of the widget.
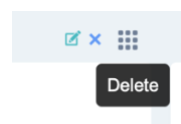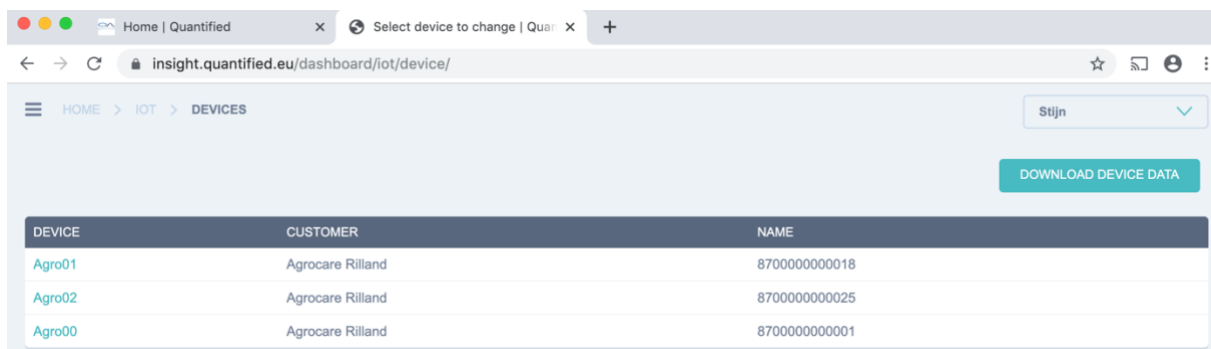
Devices view

By clicking on the hamburger symbol in the top left of your screen, you can open the menu screen where you will find the Devices Menu item. You can toggle the menu by clicking on the hamburger symbol.
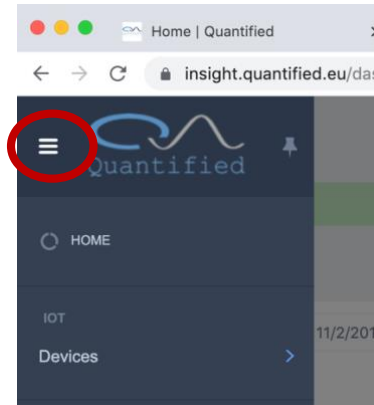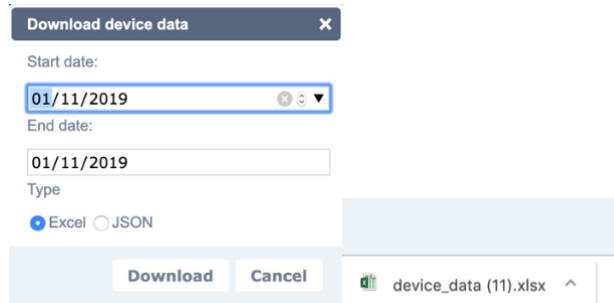

Clicking on the Devices menu will show a screen with all available devices. From this screen you can download device data or see the data of each individual device by clicking on the device name.

Download device data

Clicking on the Download device data button will show a pop-up where you can enter data range and export type of data. After clicking Download the data will collected from the server and can be opened in Excel by clicking on the excel link in your browser. Currently a maximum of 10.000 data point max. will be downloaded.

Individual device view

Clicking on a device name will show the individual device screen.
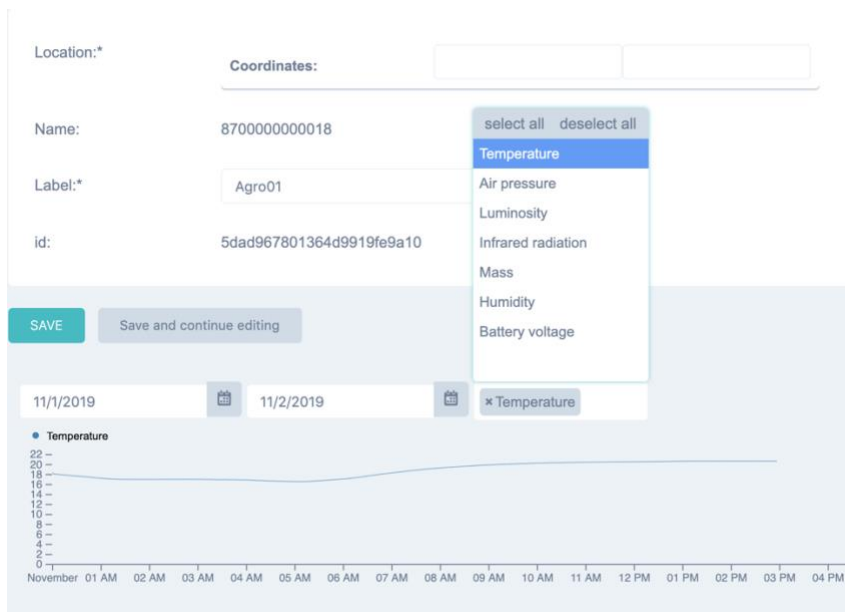
One or more measured parameters can be selected for the devices well as the date range. The page will show individual graphs for each field. ATTENTION! When selecting a long date range the system needs to retrieve a lot of data so it will take some time before you see the new date range.

Device groups

A device group creates a graph on the homepage where the data from multiple devices is shown in one chart. This makes it easier to visually compare values.
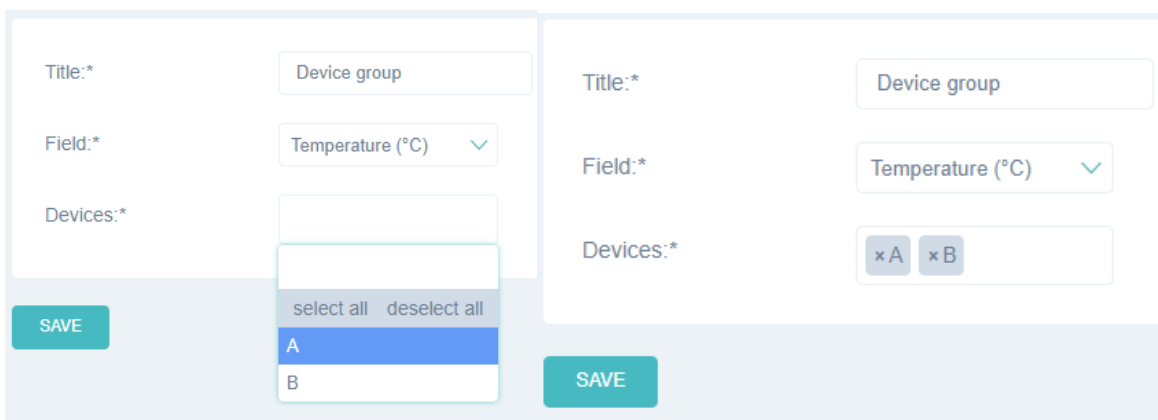
Creating a device group

A device group is created like a widget:
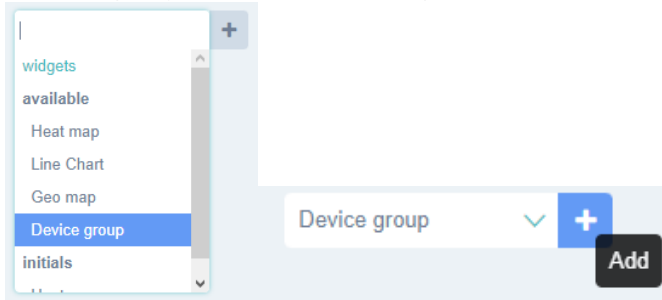
Defining the device group

Go to the settings of the widget to add a name to the group and select the measurement in the Field.
When selecting Multi Poseidon as the measurement in the Field, all measurement graphs are shown.
Adding devices is done by selecting them from the dropdown menu:

Note that it is possible to select multiple devices in this field, this is made easier by holding down CTRL when selecting from the list. It is also possible to search by typing in the Field box. Select the data field and provide an appropriate title before saving.
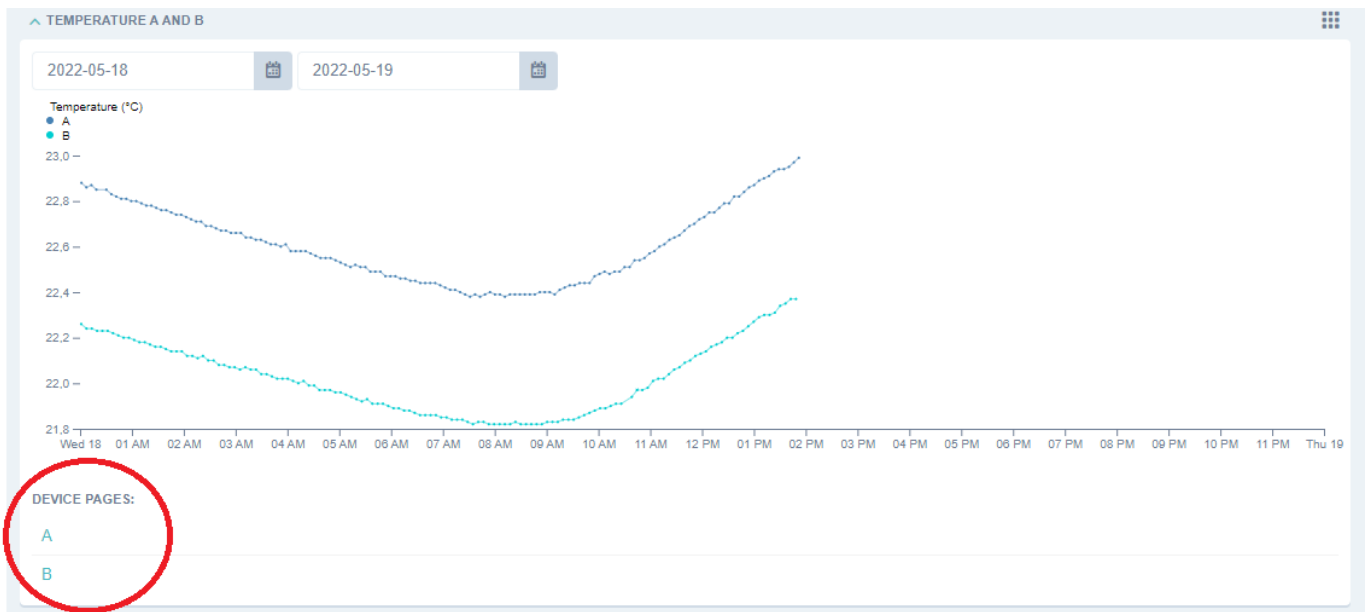
At the bottom of a device group, all devices in the group are listed. These are links to the specific device page.

Changing the colors of a device

Devices can be given a color in the "chart colors" tab of a device page. These colors will also be visible in the device group, so that a single device will always have the same colors. Selecting "Single quantity value" will give the color to all of the standard Firefly measurements, plus all of the external sensors which measure a single value.
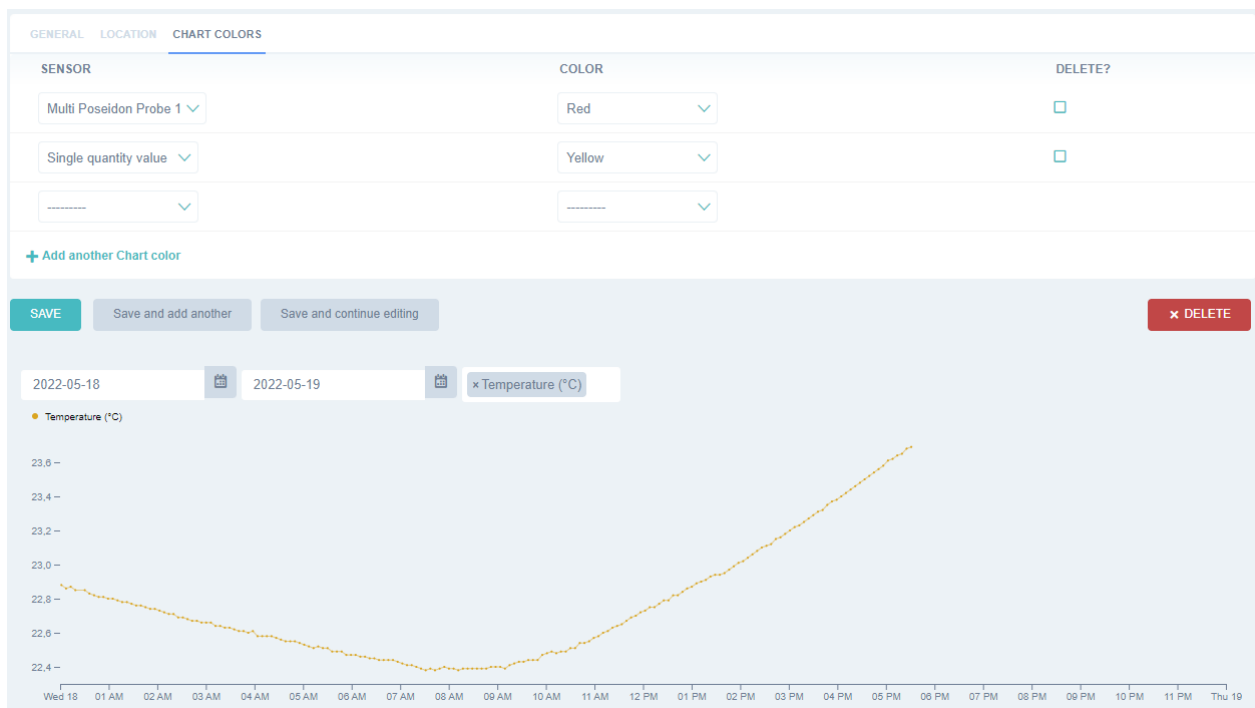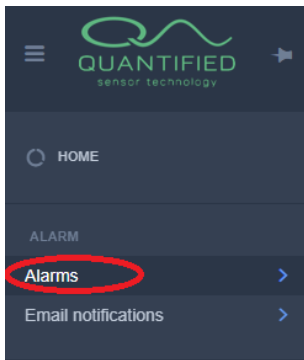
Alarms and Notifications

Alarms can send a notification to your email address when a value goes above and below a set threshold value. The status of the alarm status will be checked every 30 minutes. This means that the last measurement before xx:00 or xx:30 will be used to determine the alarm status. Each user can see all the alarms and email notification settings within the account.

Alarms can be viewed from the main menu:

Creating an alarm

From the Alarms overview, click Add alarm:

In the alarm settings, the user can set a name, enable/disable the alarm and select the device used for the alarm.

Selecting the threshold for the alarm

To select the alarm trigger, select the desired quantity (parameter) in the Quantity field. For devices that measure the same quantity multiple times, The Quantity value field needs to be set to the correct probe.

For example, if the alarm needs to be set on Relative Permittivity for Multi Poseidon probe 2:
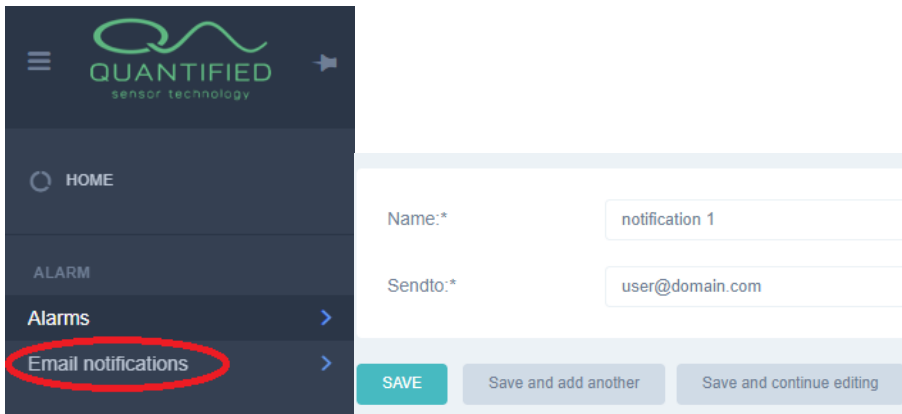

Setting the threshold

The threshold can have any numeric value with one digit behind the comma. For negative values use a minus sign (-). The Comparison field defines whether the alarm is raised if the measurement is above and below the threshold value.

Adding your email to the alarm

First, an Email notification must be set up. From the main menu, go to Email notifications, then click Add email notification in the top right.
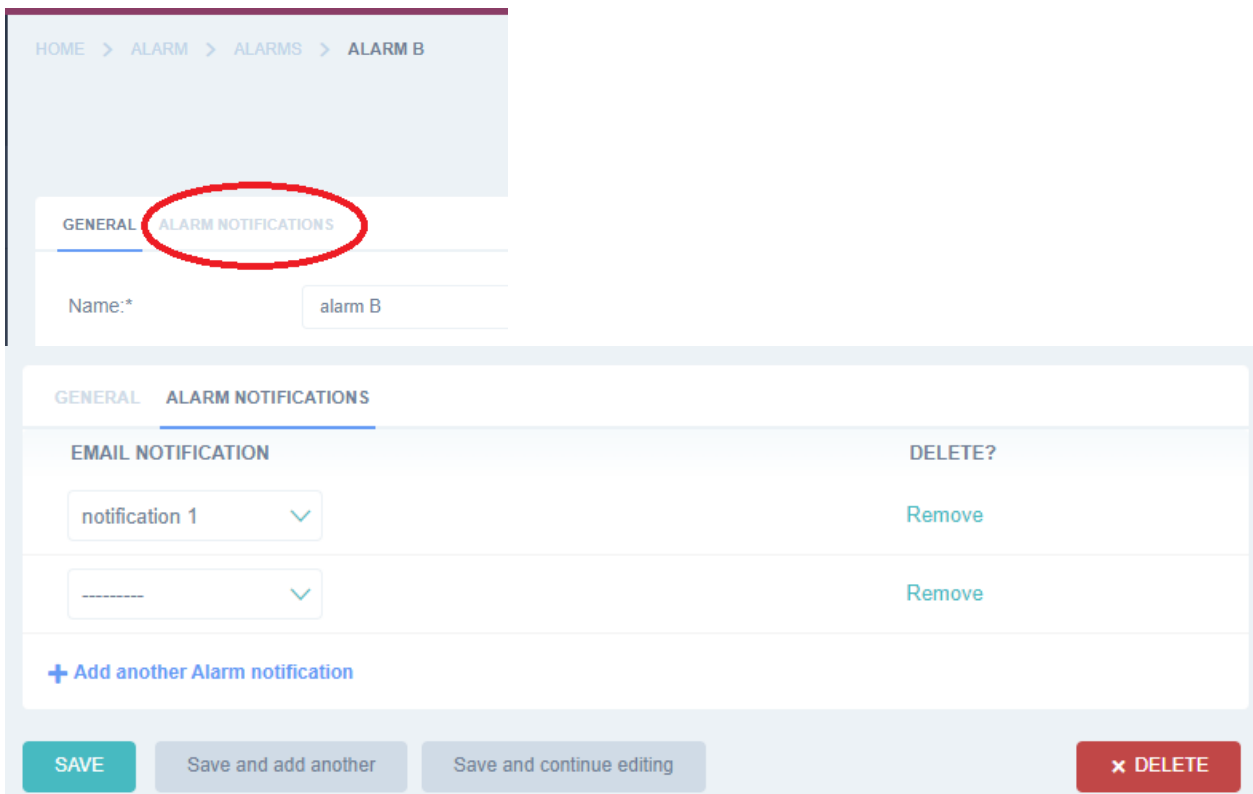
After the fields are filled out and the notification is saved it can be used in the alarm settings.
Navigate back to the alarm and click "alarm notifications"
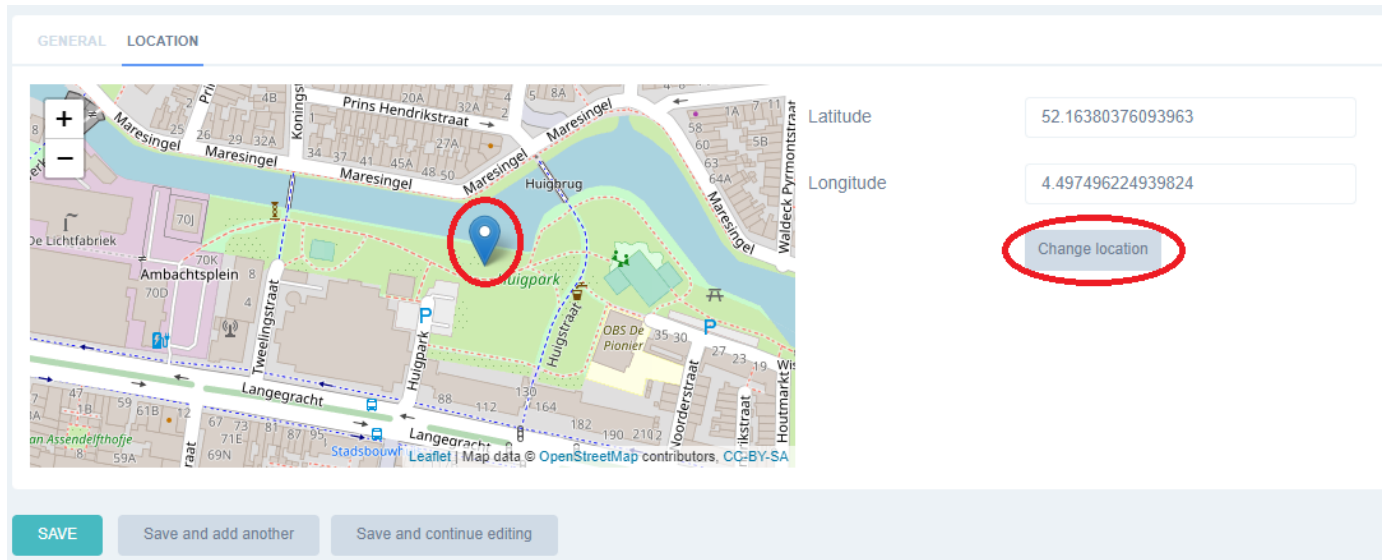
Here, one or more Email notifications can be added to an alarm. This allows multiple users to receive an email when an alarm is triggered.

Manual device location setting

It is possible to manually set a location for a device by clicking on the map (blue pointer appears) and clicking "save location". Please note that it is currently not possible to see if a location was set manually or by the GPS. The location will be overwritten by a new GPS update from the device. Therefore this is only recommended for Firefly's without GPS or when they are in a location where they can't get a GPS fix. A manual device location will **not** be shown on the GEO map on the homepage, it will be shown on the location map in the individual device view.

Downloading large data sets

Large datasets can be downloaded through the API. If this is needed often, it is recommended to do this programmatically. Note: all time specifications in the API are in UTC format!

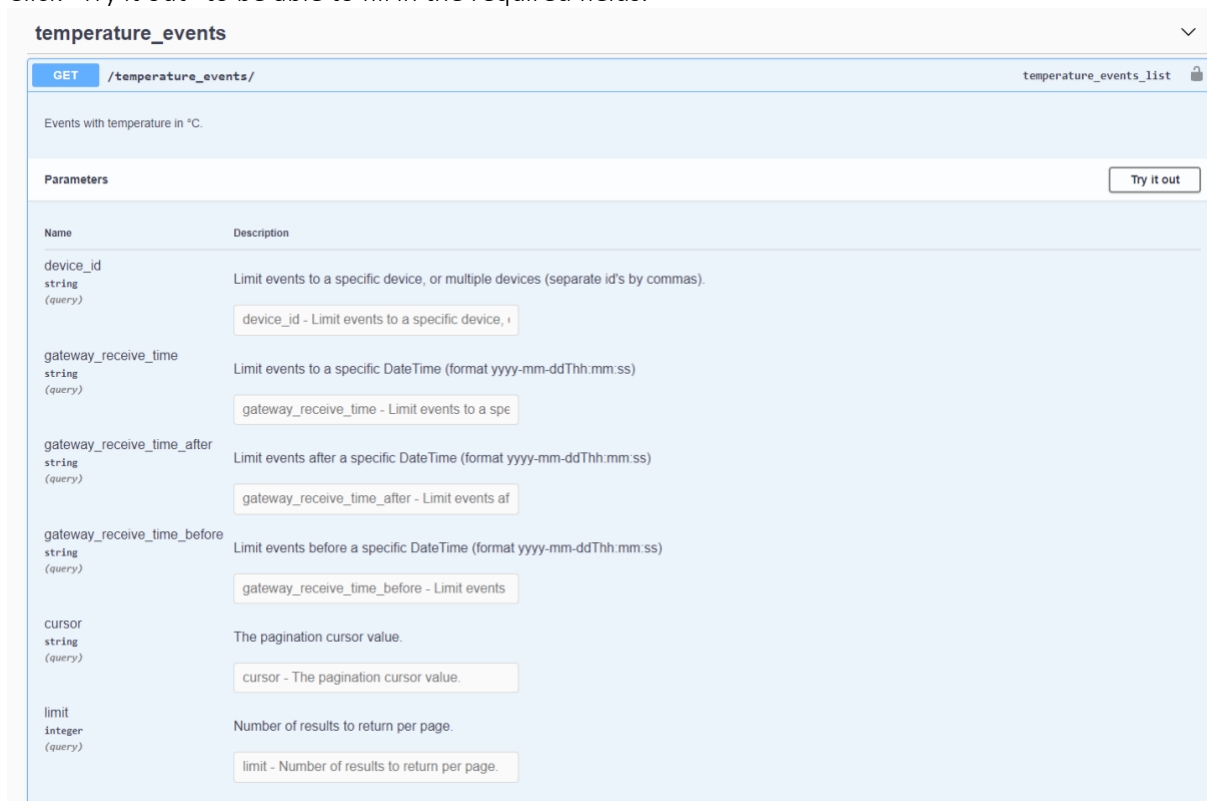Find the ID of a Firefly on the device page:
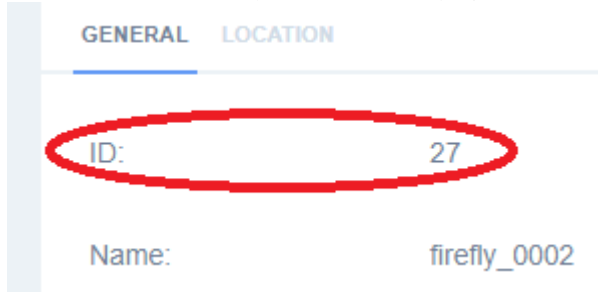
Go to https://insight.quantified.eu/api/doc
Click on the measurement that needs to be downloaded and click in the blue field to open it.
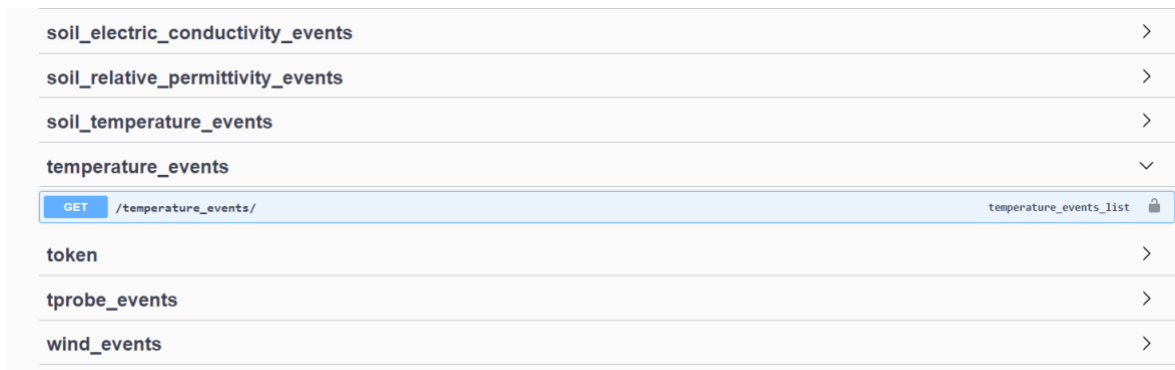

Click "Try it out" to be able to fill in the required fields.

To download data from multiple Firefly's, add their IDs separated by a comma without blanc space.
The time window for which the data needs to be downloaded can be specified in the "gateway_receive_time_after" and "gateway_receive_time_before" fields. These are specified in the UTC time zone!

The limit is used to specify the maximum amount of results in the download. The standard value is 100. Make sure to increase this number when there are many data points!

When clicking "Execute", a request URL is generated. This URL can be copied into the browser. On this page, the dropdown menu next to "Get" allows to select the .xlsx file format for an excel download.
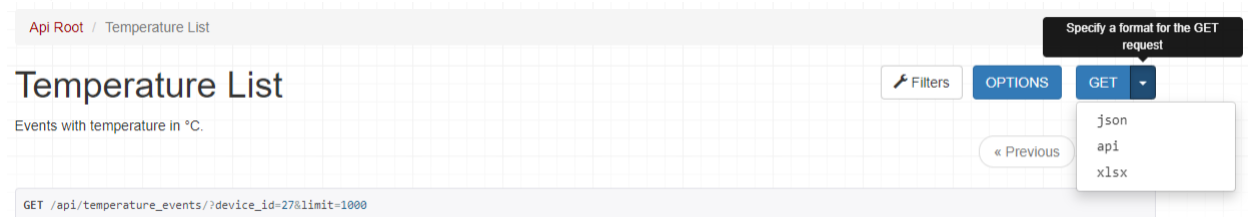
The file will be downloaded, but it needs to be renamed with the ".xlsx" file extension to be able to open it in excel.

Data expiry policy
In the Quantified Insight subscription data storage for 2 years is included.

API: Using other data platforms
When you would like to see your data exported to any other platform you can use our API to do so.

API   https://insight.quantified.eu/api/
Swagger UI   https://insight.quantified.eu/api/doc

Test account   test-api-user
Password   MDD$kF9BztHQJRt