

Working with your data in the

Quantified Insight Platform

Congratulations on your purchase and thank you for choosing Quantified! This manual guides you through the Insight data platform. Go to <https://www.quantified.eu> for manuals and the product catalogue with specifications.

Version October 2026

Support · support@quantified.eu

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1 Connecting to Insight

With your order you received a login name and password for the Insight platform.

BEFORE YOU START

The Quantified app

To use Insight to the full, including notifications on your phone, installing our mobile app is necessary.

App Store · iPhone

Google Play · Android

Your data

For the transport and storage of data we use Amazon Web Services. We handle your data with care and work to the highest standards. The AWS privacy statement is available at aws.amazon.com/compliance/data-privacy-faq.

Your browser

Insight works in any up-to-date browser, on desktop as well as tablet. Do switch your browser's automatic translation **off**: it rewrites the field names on screen, so the English labels this manual refers to, such as **Sensor**, **Sensor type** and **Threshold**, no longer match what you see. To read the interface in another language, use the language switcher in the account menu (see 1.2).

1.1 Logging in

STEPS

- 1 Go to insight.quantified.eu. You can also use the **Login** button in the top right corner of www.quantified.eu.
- 2 Enter your user name and password.
- 3 We recommend changing the password you received from us. See the next page.

Welcome back to
Quantified

Username*

Password*

Log in →

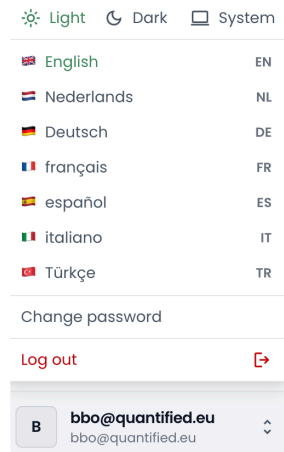
Log in with the credentials
you received

1.1 Changing your password

We recommend changing the password you received from us.

STEPS

- 1 Click your user name at the bottom of the left navigation bar and choose **Change password**.
- 2 On the **Password change** page, enter your current password under **Old password** and the new password twice.
- 3 Confirm with the **Change password** button.



The account menu: theme, language and **Change password**

PASSWORD REQUIREMENTS

A new password must contain at least 8 characters, may not consist of digits only and may not be a commonly used password.

FORGOTTEN PASSWORD

The login screen has no link to reset your password yourself. If you have lost it, contact support@quantified.eu and we will reset it for you.

Password change

STAGING

Please enter your old password, for security's sake, and then enter your new password twice so we can verify you typed it in correctly.

Old password*

.....

New password*

Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

New password confirmation*

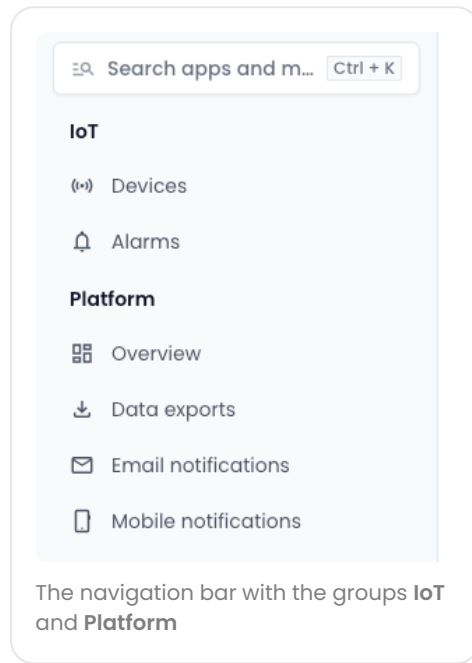
Enter the same password as before, for verification.

Change password

Old password, new password twice, then **Change password**

1.2 The navigation bar

After logging in you arrive on the dashboard. On the left you find the navigation bar, divided into two groups.

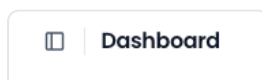


IoT	
Sensors	Overview of all your sensors
Alarms	Management of alarms and thresholds
PLATFORM	
Overview	The dashboard
Data exports	Requested data downloads
Email notifications	E-mail addresses for alarm notifications
Mobile notifications	Registered mobile devices (registering a phone: see 7.5)

WORKING WITH THE BAR

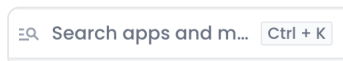
Collapse and pin

The hamburger icon at the top left collapses or expands the bar; the pin keeps it open while you work.



Search

With the search function at the top of the navigation bar (**Ctrl + K**) you go straight to a specific page.



Your account

Your account is at the bottom of the bar. In the account menu you select the theme (**Light**, **Dark** or **System**) and the language of the interface, and you log out.

The interface is available in seven languages: English, Dutch, German, French, Spanish, Italian and Turkish.

2 Dashboard and widgets

After logging in you arrive on the dashboard. Here you place graphs of your favourite sensors using **widgets**.

2.1 Adding a widget

STEPS

- 1 Click the green + in the top right of the dashboard.
- 2 In the form, choose the type of graph under **Widget type**.
- 3 Enter a **Title** and use **Column** to choose whether the widget appears in the left or right column.
- 4 Select the sensor under **Device** and the parameter under **Sensor type**.
- 5 Click **Add**. The result is saved to your dashboard automatically.

Line Chart
✓ Sensor Group
Geo Map

The widget types

Widget type

Line Chart ▼

Title

Column

Left ▼

Device

Sensor type

FireFly Temperature (°C) ▼

Cancel

Add

The fields of a **Line Chart** widget

Please note The **Column** field determines whether the widget appears in the left or the right column; a new widget is added at the bottom of that column.

2.2 Widget types

Line Chart

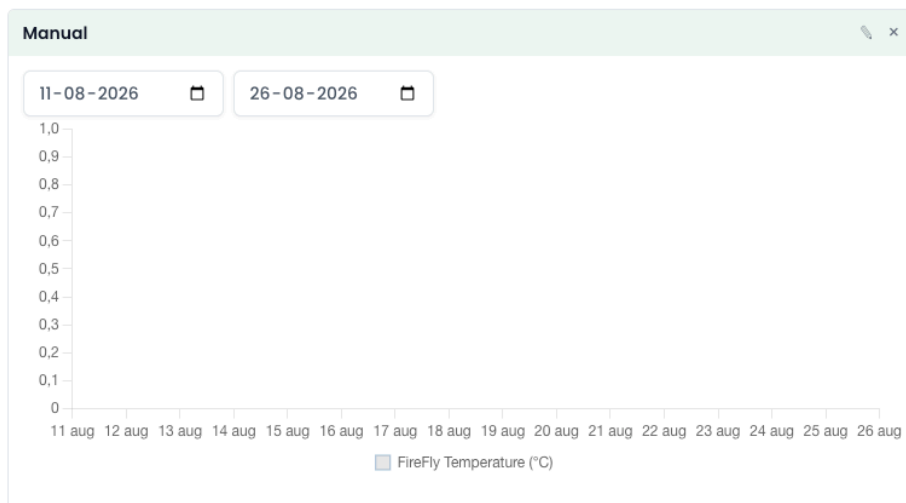
Shows the values of one sensor field over the selected period. The widget appears with a start and end date above the graph.

Sensor Group

Places the same parameter from several sensors in one graph (see chapter 6).

Geo Map

Shows the location of sensors on a map.



The dashboard with a **Line Chart** widget in the left column

2.3 Editing and removing a widget



You edit a widget with the **pencil icon** in the top right of the widget; the **cross** removes it. If you do not see the icons, hover over the widget first.

Please note Widgets cannot be dragged: to move one to the other column, change the **Column** field in the widget form.

3 Sensors

The **Sensors** menu under **IoT** shows all sensors registered to your account. Per sensor you see the label, the name of the device and a health icon.

Find a sensor

Use **Type to search** above the list.

View its data

Click a sensor name (see chapter 5).

☐ Device	Name  	Health
☐ neta_quantified_04-KPN	0059AC00001B0B04	
☒ demo_quantified0105	demo_quantified0105	
☐ demo_quantified0205	demo_quantified0205	
☐ demo_quantified0205	demo_quantified0205	
☐ demo_quantified0305	demo_quantified0305	
☐ demo_quantified0405	demo_quantified0405	

The sensor list with the columns **Sensor**, **Name** and **Health**

3.1 Sensor Health

Insight shows the status of devices and alarms with a colour code.

STATUS	DEVICE	ALARM
 Green, all in order	Has sent data within the last 6 hours	Has been triggered within the last 90 days
 Yellow, attention required	Has not sent data for more than 6 hours	Has not been triggered for more than 90 days
 Red, action required	Low battery voltage (below 3.5 V)	Has never been triggered

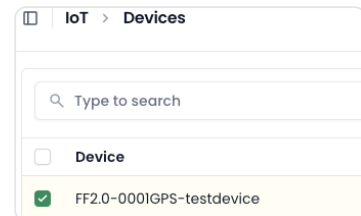
On the list pages you filter by status with the **By health** buttons above the list: **All**, **Good**, **Warning** or **Critical**. Hover over a button for an explanation of the status.

By health **All**  Good  Warning  Critical

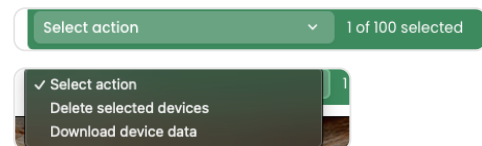
4 Downloading data

STEPS

- 1 In the **Sensors** screen, tick the sensors you want to export.



- 2 A bar then appears under the list showing the number of selected sensors. There, in the **Select action** list, choose the action **Download device data**.



- 3 A form appears in which you choose a start and end date.

- 4 The export then runs in the background and becomes available through **Data exports** in the navigation bar under **Platform**.

- 5 As soon as the status is green, the link appears under **Download link**; refresh the browser to see whether the link is ready. The file is downloaded as Excel (.xlsx).

☐ Download link	Created at	Available until	Status
☐ 46afbdf-89a2-4151-8cae-d089d7eec58.xlsx	08/24/2026 1:50 p.m.	08/31/2026 1:50 p.m.	✓

THE DATA EXPORTS SCREEN

The **Data exports** screen opens filtered: by default it shows only exports that are ready to download. Click **All** to see older and failed exports as well. Under **Available until** you see how long the download remains available.

Please note The maximum period is 31 days per download.

Please note Downloads are available for a limited time and are deleted automatically after 7 days.

5 Sensor page

When you click a sensor name, the screen of that sensor opens with three tabs.

a General

Besides **ID** and **Name**, this is where you give the sensor a recognisable name under **Label**. Under **Sensor data** you choose **Start date**, **End date** and, under **Sensors**, one or more parameters. Each parameter gets its own graph over the selected period.

General	Location	Chart colors
ID	214	
Name	0059AC00001B0AFA	
Label	FF2.0-0001GPS-testdevice	
customer	app store reviewers ✕ ▼	

b Location

Here you set the location of the device manually with **Latitude**, **Longitude** and the **Change location** button. If the sensor has a GPS module, the system fills in the location periodically itself (see chapter 8).

c Chart colors

Choose a **Color** per **Sensor** for the graph line; **Add another Chart color** adds a row. These colours are also used in the sensor groups on the dashboard.

Sensor*	Color*
ChartColor object (268) Multi Poseidon Probe 1	Cyan ✕
ChartColor object (62) Single quantity value	Purple ✕
+ Add another Chart color	

At the bottom of the page you store your changes with **Save** or **Save and continue editing**.

6 Grouping sensors

With the **Sensor Group** widget you create one graph on the dashboard in which the same parameter from several sensors can be seen together.

STEPS

- 1 Go to the dashboard and click the **+** icon. In **Add Dashboard Widget**, choose **Sensor Group** as the widget type.
- 2 Give the group a name under **Title** and choose with **Column** whether it appears on the left or the right of the dashboard.
- 3 Click the **Sensors** field and select the sensors you want in the group. Each sensor appears as a small block that you remove again with the cross.
- 4 Under **Sensor type** you choose the parameter that is shown for all sensors in the group. Confirm with **Add**.

The 'Add Dashboard Widget' dialog shows 'Sensor Group' selected. The 'Column' is set to 'Left'. The 'Sensors' field is empty. The 'Sensor type' is set to 'FireFly Temperature (°C)'. The 'Add' button is highlighted.

The 'Sensors' list shows the following sensors:

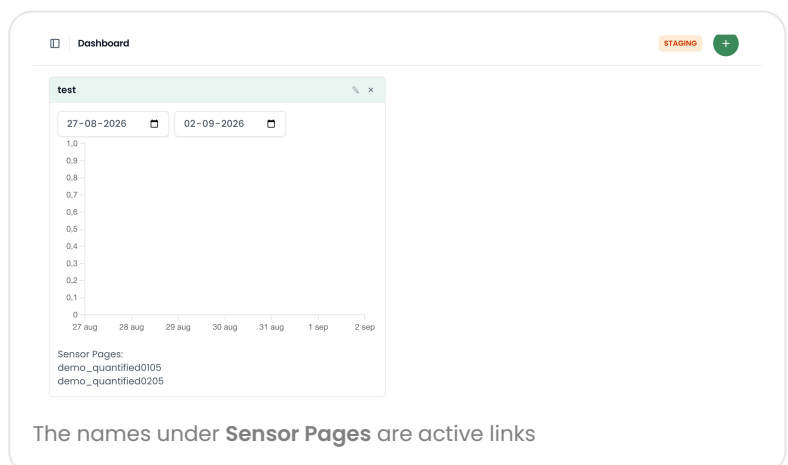
- FF2.0-000IGPS-testdevice
- FF1.0-0086-KPN (verwijderen)
- FF1.0-0004-KPN (verwijderen)
- neta_quantified_04-KPN

Please note

When selecting sensors, the text of the **Label** is used.

THE RESULT

The widget appears on the dashboard with a start and end date above the graph. Under **Sensor Pages** at the bottom all sensors in the group are listed; the names are active links to the page of the individual sensor.



7 Alarms and notifications

From the **Silver** subscription onwards you can set alarms and alarm notifications. An alarm sends a notification to your e-mail address **or to your phone** when a value rises above or drops below a preset threshold.

For notifications on your phone, the Quantified app must be installed and you must be logged in to it. Every user within your account sees all alarms and all notification settings.

Please note The alarm status is checked every 30 minutes. The last reading before xx:00 or xx:30 determines the status.

7.1 Creating an alarm

STEPS

- 1 Alarms are found under **IoT** in the navigation bar. In the **Alarms** overview, click the green **+** in the top right.
- 2 Give the alarm a **Name** and switch it on with **Is enabled**.
- 3 Choose the sensor the alarm applies to under **device**, then set the threshold (see 7.2).
- 4 Store it with **Save**, or with **Save and continue editing** if you want to link the notifications afterwards.

The alarm form with the notifications at the bottom

Alarms

Email notifications

Mobile notifications

The **+** behind **Alarms** creates a new alarm

7.2 Threshold and activation

FIELD	WHAT IT DOES
Quantity	The desired parameter.
Quantity value	The specific value, when the sensor measures at several depths or positions.
Threshold	Any numeric value with one decimal place; use a minus sign (-) for negative values.
Comparison	Whether the alarm is triggered above or below the threshold: Above threshold or Below threshold .
State / Last change	The current status and the time of the last status change, at the bottom of the form; these are updated automatically.

7.3 What an alarm does and does not do

WHAT IT DOES

If a value stays past the threshold, Insight sends one notification, not a repeated stream. As soon as the value returns to normal, a second notification follows to say the situation is in order. An alarm that stays quiet after the first message is therefore working as intended.

NOT AVAILABLE IN INSIGHT

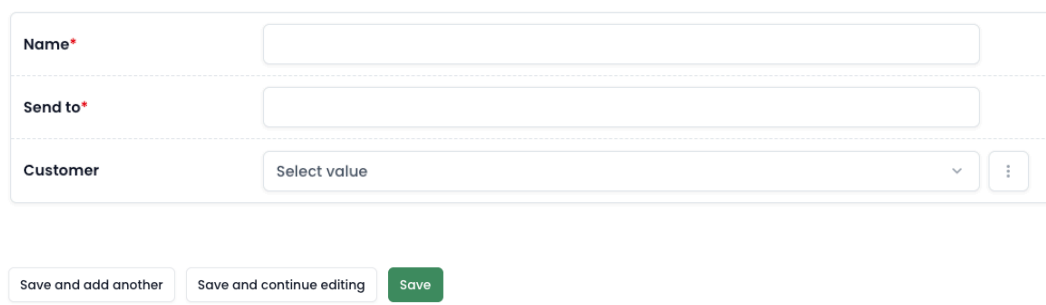
Beyond that, an alarm is a plain threshold and nothing more. The following do not exist in Insight:

- a minimum duration or tolerance band before the alarm is triggered;
- a restriction by time of day;
- severity levels;
- acknowledging or muting a notification.

7.4 Linking an e-mail address to an alarm

PART A · FIRST CREATE THE NOTIFICATION

- 1** In the navigation bar under **Platform**, go to **Email notifications** and click the **+**.
- 2** Enter a recognisable name under **Name** and the e-mail address under **Send to**.
- 3** **Save.** Once saved, you can use the notification for several alarms.

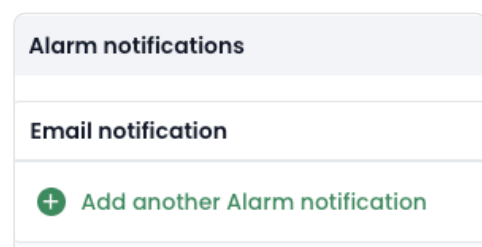


The form contains three input fields: 'Name' with a red asterisk, 'Send to' with a red asterisk, and 'Customer' with a dropdown menu labeled 'Select value'. Below the fields are three buttons: 'Save and add another', 'Save and continue editing', and a green 'Save' button.

PART B · THEN LINK IT TO THE ALARM

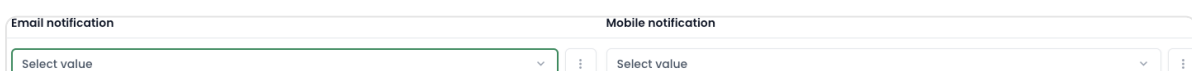
- 1** Go back to the alarm. At the bottom of the alarm form you find **Alarm notifications** with the columns **Email notification** and **Mobile notification**.

- 2** With **Add another Alarm notification** you link one or more notifications, so that several users are informed when the alarm is triggered.



The section is titled 'Alarm notifications'. It has a sub-header 'Email notification'. Below it is a green button with a plus icon and the text 'Add another Alarm notification'.

- 3** Per row you choose an **Email notification** and/or **Mobile notification**. Do not forget to save.



The form shows two columns: 'Email notification' and 'Mobile notification'. Each column has a dropdown menu labeled 'Select value'.

7.5 Linking a phone to an alarm

Before a push notification can be sent to a phone, that phone must be registered.

STEPS

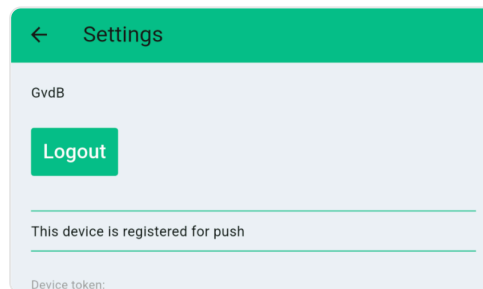
- 1 Download the app from the appropriate store.

App Store · iPhone

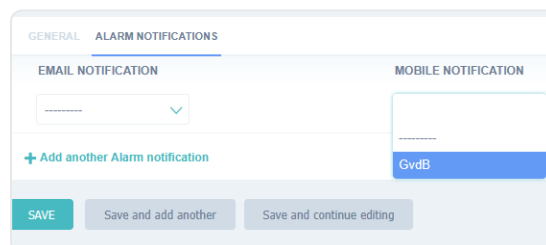
Google Play · Android

- 2 Log in with the same credentials as on the Insight web platform.

- 3 In the app, open **Settings** from the menu at the top right and press **Register for push**. The button disappears and is replaced by the text *This device is registered for push*.



- 4 Then, in Insight, select that user name at the alarm under **MOBILE NOTIFICATION** in the **ALARM NOTIFICATIONS** tab. The phone is now linked to the alarm through that user.



Please note If you log in to the app on another phone, you repeat these steps.

Under **Platform** › **Mobile notifications** in the navigation bar you find an overview of all registered mobile devices.

8 Sensor locations

Sensors with a GPS module fill in their location periodically themselves. For sensors without GPS you set the location manually.

SETTING THE LOCATION MANUALLY

1 Open the **Location** tab of the sensor.

2 Click the map: a blue pointer appears.

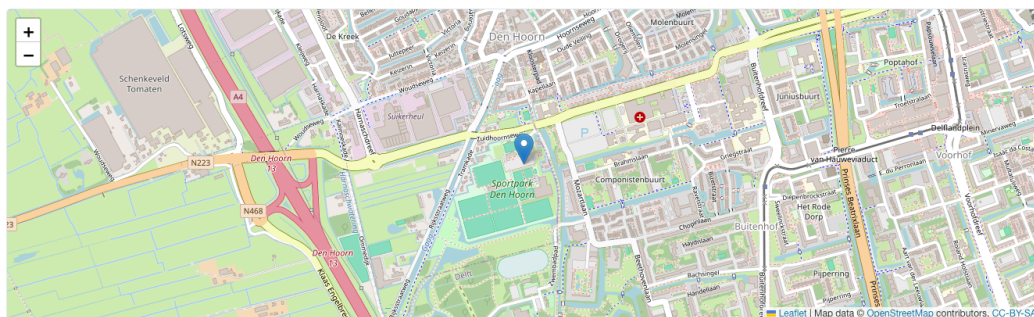
3 Then click **Change location**.

Latitude

Longitude

Change location

General Location Chart colors



SENSOR WITH GPS MODULE

The system fills in the location periodically itself. On a new GPS update the manual location is overwritten.

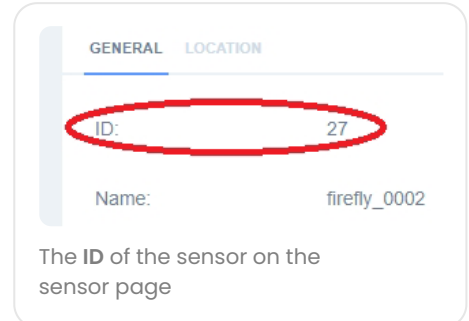
SENSOR WITHOUT GPS

Manual placement is mainly intended for FireFlies without GPS or in places where they cannot get a GPS fix.

Please note It is not visible whether a location was set manually or by GPS. A location set by hand is stored in the same way as a GPS reading and therefore also appears on the geo map on the dashboard.

9 Large data sets, API and storage

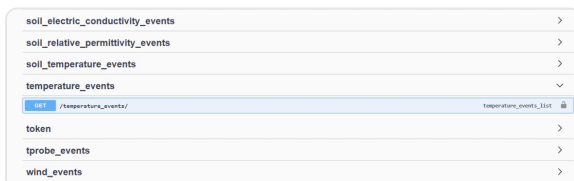
Large data sets are downloaded through the API. If you need this often, we recommend doing it programmatically. You find the ID of a FireFly on the sensor page under **Sensors**.



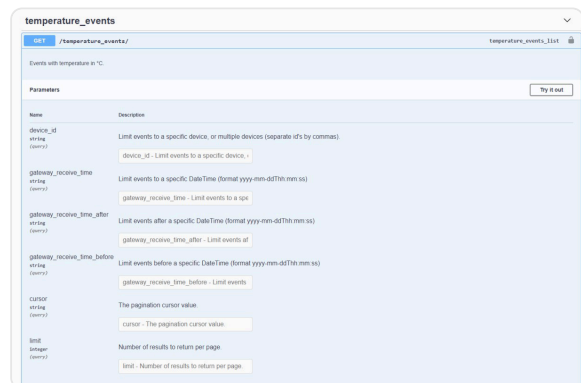
Please note All times in the API are in UTC.

STEPS

- 1 Go to insight.quantified.eu/api/doc.
- 2 Click the measurement you want to download and click in the blue field to open it.
- 3 Click **Try it out** and complete the required fields.
- 4 For several FireFlies, list the IDs one after another, separated by a comma without a space.



Choosing the measurement in the API documentation



Completing the fields with **Try it out**

STEPS, CONTINUED

- 5 You set the time window with the fields **gateway_receive_time_after** and **gateway_receive_time_before** (in UTC!). Use **limit** to set the maximum number of results; the default is 100, so increase this number when there are many data points.
- 6 Clicking **Execute** generates a request URL that you can paste into your browser.
- 7 On that page, the drop-down next to **Get** lets you choose the **.xlsx** format for an Excel download. The file is downloaded, but must be renamed with the extension **.xlsx** to open it in Excel.



DATA STORAGE

The Quantified Insight subscription includes data storage for **2 years**.

OTHER DATA PLATFORMS

Export your data to another platform through our API:

API	insight.quantified.eu/api
Swagger UI	insight.quantified.eu/api/doc
Test account	test-api-user
Password	MDD\$kf9BztHQRt

We are happy to think along

Questions about your sensors, your subscription or reading out your data? Get in touch and one of our specialists will help you further.



SUPPORT

support@quantified.eu

PLATFORM

insight.quantified.eu

WEBSITE

www.quantified.eu

MOBILE APP

App Store · iPhone
Google Play · Android

THANK YOU FOR CHOOSING QUANTIFIED