

# RENSON LINK

## User manual







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### Service contact details

[service@renson.be](mailto:service@renson.be)

# 1. INTRODUCTION

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Renson Link is a desktop application that makes it possible to configure **Renson Sense** in a professional Wi-Fi network and apply a range of visualisation settings. The application can be installed on a Windows PC and makes it possible to apply your configuration settings quickly and easily.

## 2. TECHNICAL SPECIFICATIONS

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Operating system	Windows 10 (version 1607 and later)
Platform	x64, x86, Arm64
Hard drive space required	350 MB
Minimum RAM required	8 GB

A PC or laptop with a Wi-Fi connection is required for the Wi-Fi configuration of a device. If a LAN cable is also connected, it is best to disconnect this.

*“Renson link makes it possible to configure Renson Sense in a professional Wi-Fi network.”*

### 3. INSTALLATION

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Open the installation file to install the application in the standard folder. Once the installation is complete, a shortcut will appear on your desktop.



Fig 1. The Renson Link shortcut will appear on your desktop

The application can be removed via the Microsoft Windows installation menu in the Settings menu of your PC.

If an updated version becomes available, the existing version will be overwritten, meaning there is no need to delete the previous version.

## 4. STARTING THE APPLICATION

Double-click the Renson Link shortcut to open the application. A login screen will appear on which you can log in using your Renson account. If you do not yet have a Renson account, visit <https://user.my-llo.eu> to create one for free.

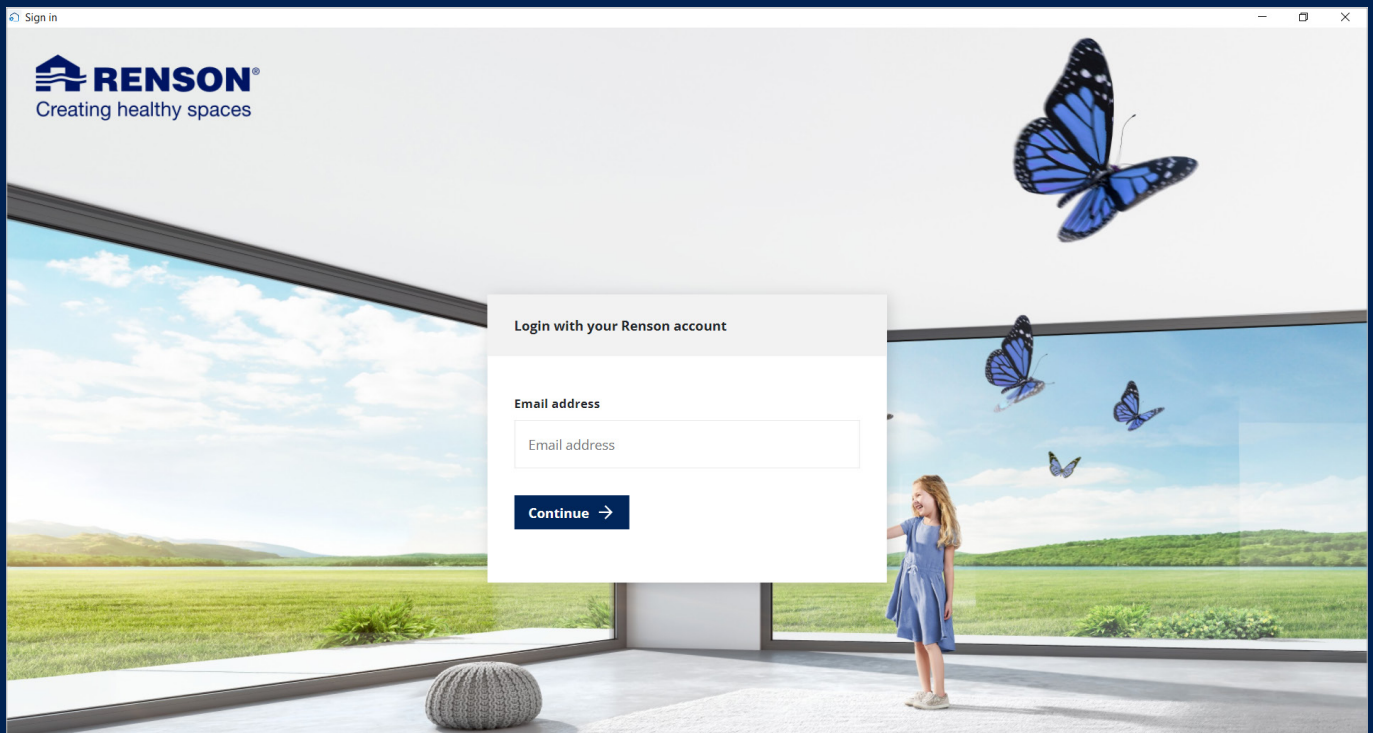


Fig 2. Log in using your Renson account

## 5. THE MAIN SCREEN

The main screen provides an overview of the devices that are already linked to your account, as well as the devices detected on the network you are connected to at that time. If someone else has already configured several devices on this network, these will also be visible.

You can also apply a selection of filters to organise the list more clearly. For example, you can choose to only show devices that are online or offline, only show devices that are linked to your account, or you can filter by Wi-Fi network.

You can also sort the list of devices by name, status, link status, network name, configuration, or warranty number. The visualisation settings of the devices that are already configured are also displayed.

The screenshot displays the RensonLink web interface. At the top, there's a header with the Renson logo and 'Link' text, and a user profile for 'Ronan Dezyn'. Below the header, a search bar is present. On the left, there are three filter panels: 'Status' (Online: 9, Offline: 1), 'My Lio' (Linked: 1, Not linked: 9), and 'Network' (HB3: 9, Other: 1). The main area shows a table of 10 devices. The table has columns for Device, Status, My Lio, Network, Configuration, and Warranty Number. The devices listed are: Bavo Bureau (Online, Not linked, HB3), Home Maaik - stg 5 (Online, Not linked, HB3), LFQ805550002A01 (Online, Not linked, HB3), LFQ805550002A03 (Online, Not linked, HB3), LFQ805550002A06 (Online, Not linked, HB3), Name (Offline, Linked, Other), and Office Maaik - STG (Online, Not linked, HB3). Each device row includes a checkbox, a status indicator (green check for online, red X for offline), a link status indicator (grey X for not linked, green check for linked), and a network name. The configuration column lists settings like LED interval, LED intensity, sensors, and CO2 thresholds. The warranty number column shows the device's warranty ID and a link icon.

Device	Status	My Lio	Network	Configuration	Warranty Number
Bavo Bureau	Online ✓	Not linked ✕	HB3	• LED interval: 30 minutes • LED intensity: 50% • Sensors: Comfort index • CO2 thresholds: 800 ppm - 1200 ppm	201030WAR0005
Home Maaik - stg 5	Online ✓	Not linked ✕	HB3	• LED interval: Always on • LED intensity: 11% • Sensors: Temperature • CO2 thresholds: 800 ppm - 1300 ppm	200629WAR0007
LFQ805550002A01	Online ✓	Not linked ✕	HB3	• LED interval: 5 minutes • LED intensity: 50% • Sensors: Comfort index • CO2 thresholds: 800 ppm - 1200 ppm	LFQ805550002A01
LFQ805550002A03	Online ✓	Not linked ✕	HB3	• LED interval: 30 minutes • LED intensity: 50% • Sensors: Comfort index	LFQ805550002A03
LFQ805550002A06	Online ✓	Not linked ✕	HB3	• LED interval: Always on • LED intensity: 50% • Sensors: Comfort index • CO2 thresholds: 800 ppm - 1200 ppm	LFQ805550002A06
Name	Offline ✕	Linked ✓	(Other)		LAD131190100A03
Office Maaik - STG	Online ✓	Not linked ✕	HB3	• LED interval: 20 minutes • LED intensity: 27% • Sensors: Comfort index • CO2 thresholds: 1000 ppm - 1200 ppm	200629WAR0002

Fig 3. The main menu

## 6. CONFIGURING THE WI-FI SETTINGS OF A NEW DEVICE

Click 'Add device' to configure a new device. A wizard will appear to start the configuration process.

**Please note:** the device must be switched on at this time. If the device has already been switched on but isn't appearing on the list, it is best to restart the device so that the internal Wi-Fi (device access point) is activated.

The app will now look for the Wi-Fi networks of the available devices and display these in the list. Select a device from the list and proceed to the next step.

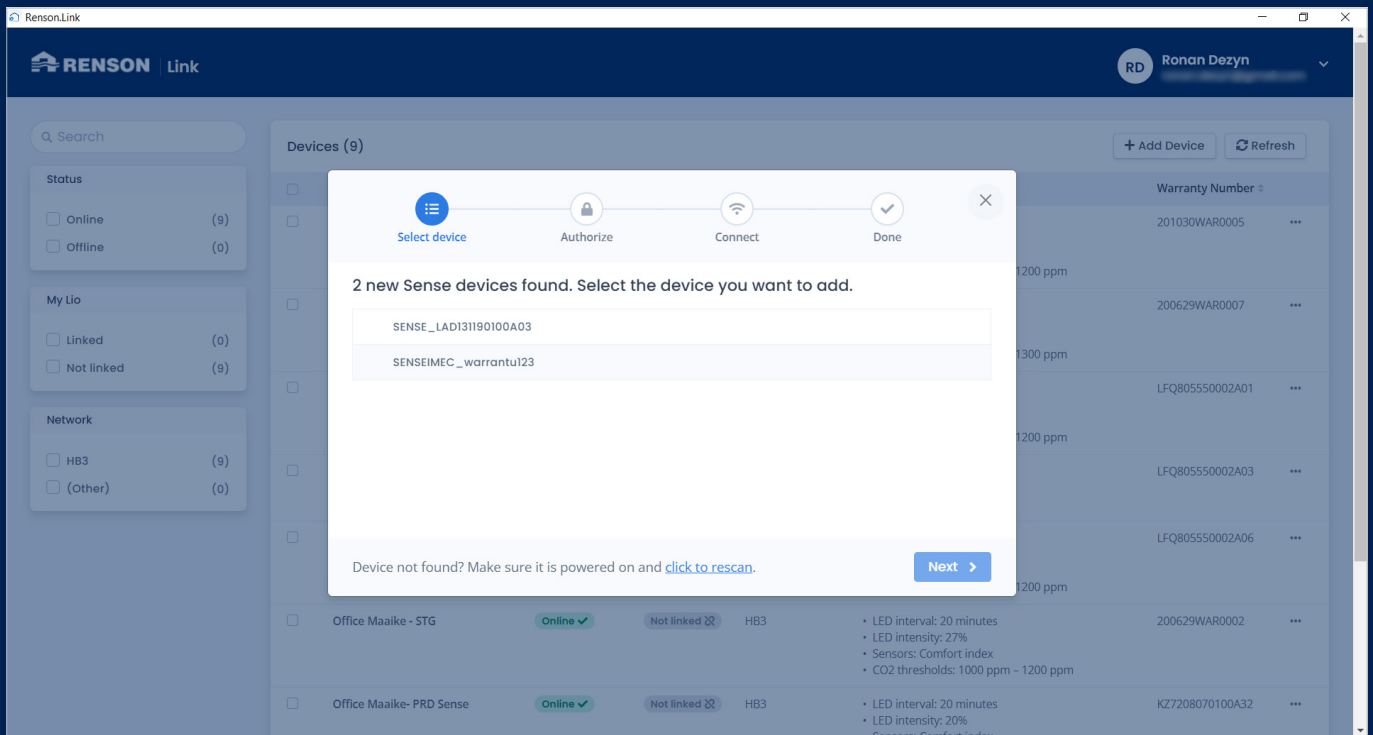


Fig 4. Select the Wi-Fi network of the device you wish to connect

Confirm the connection to the device by authorising on the device.

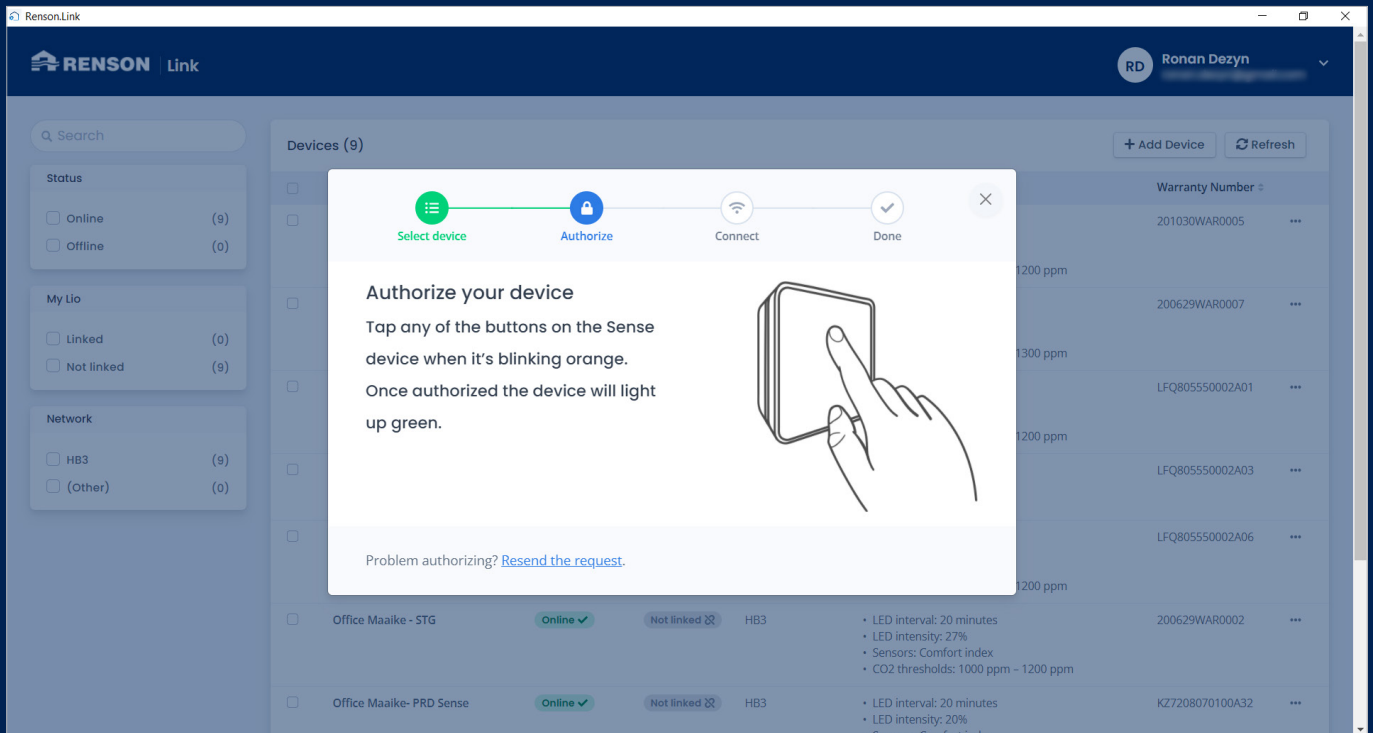


Fig 5. Authorisation on the device

Following the successful authorisation, you can assign a name to the device. Enter a name for the device and proceed to the next step. The app will now connect to the Wi-Fi access point of the device.

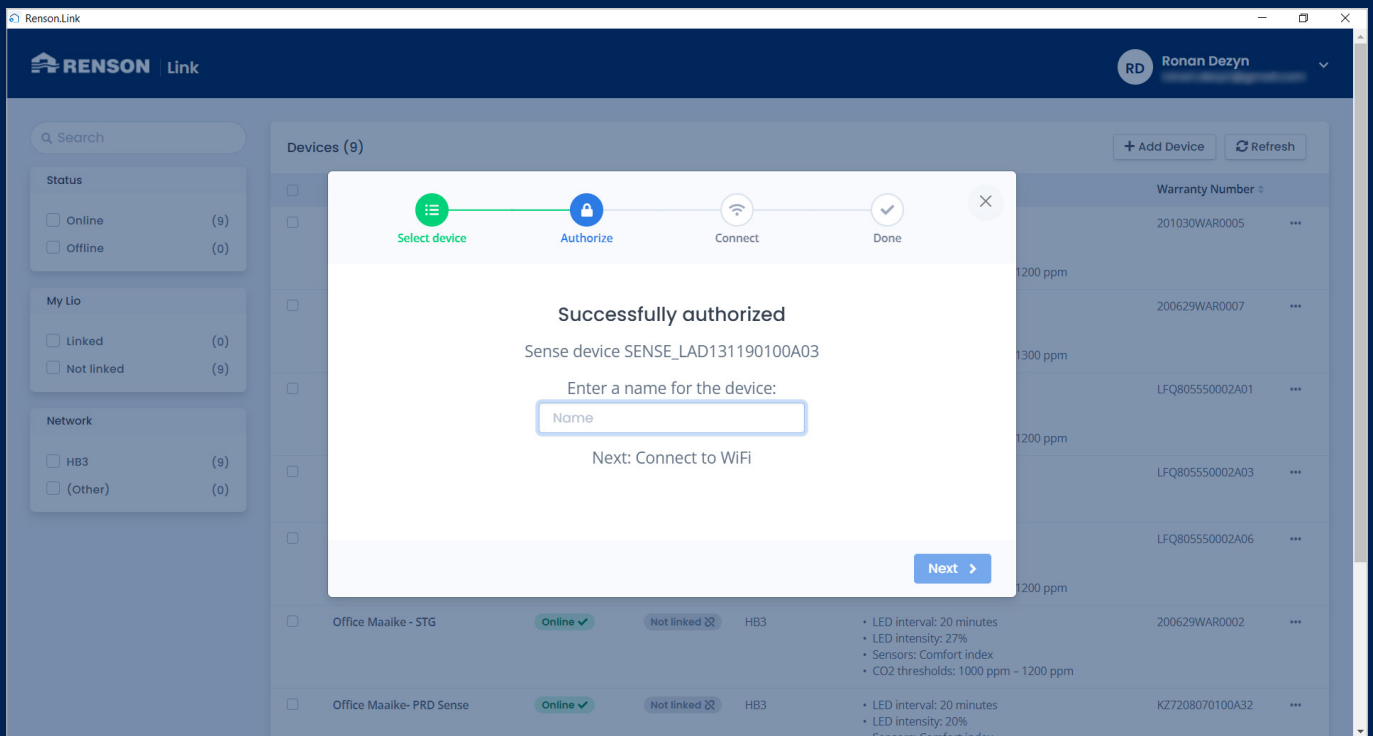


Fig 6. Assign a name to the device



The application will now scan for available Wi-Fi networks. Select the Wi-Fi network to which you want to connect the device from the list. You also have the option to ask the application to remember this Wi-Fi network to speed up the configuration process for any subsequent devices.

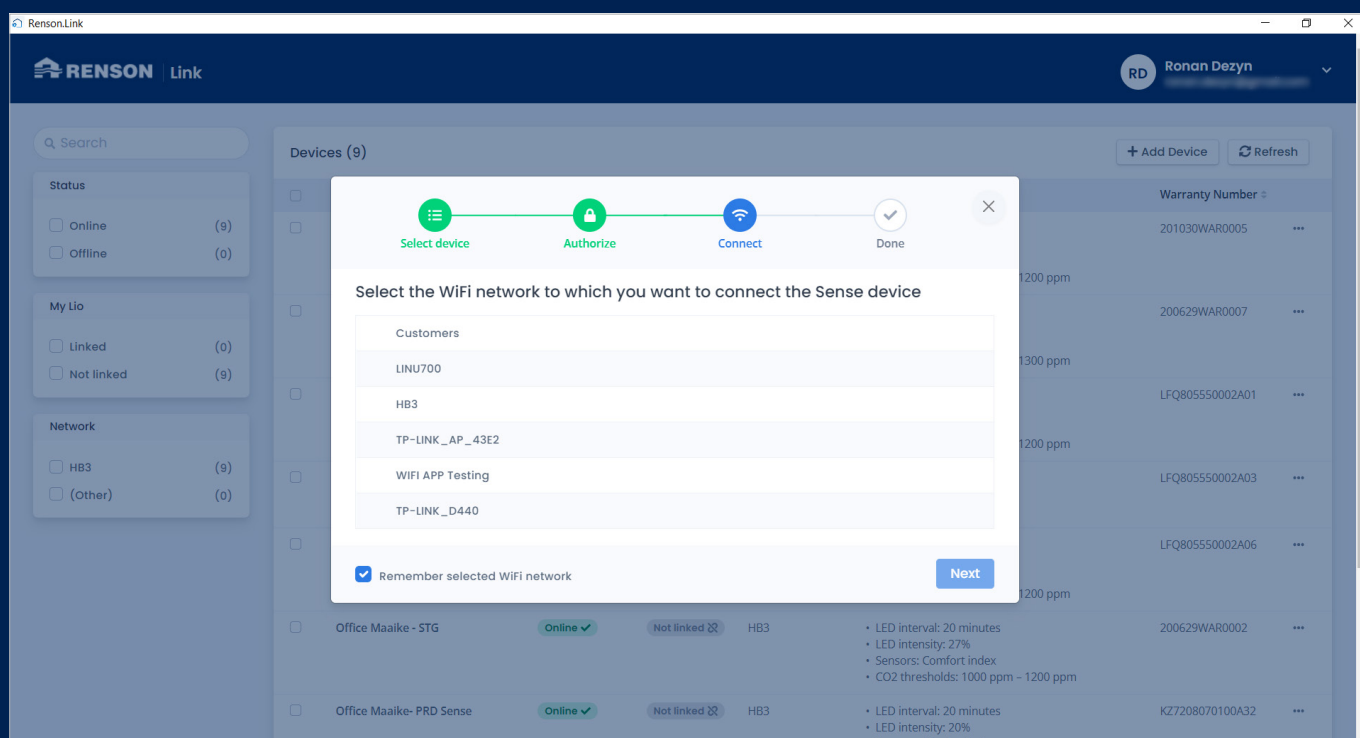


Fig 7. Select the Wi-Fi network to which you want to connect the device

Proceed to the next step and enter the Wi-Fi password, plus a username if required by the network. Once again, you have the option to ask the application to remember this password.

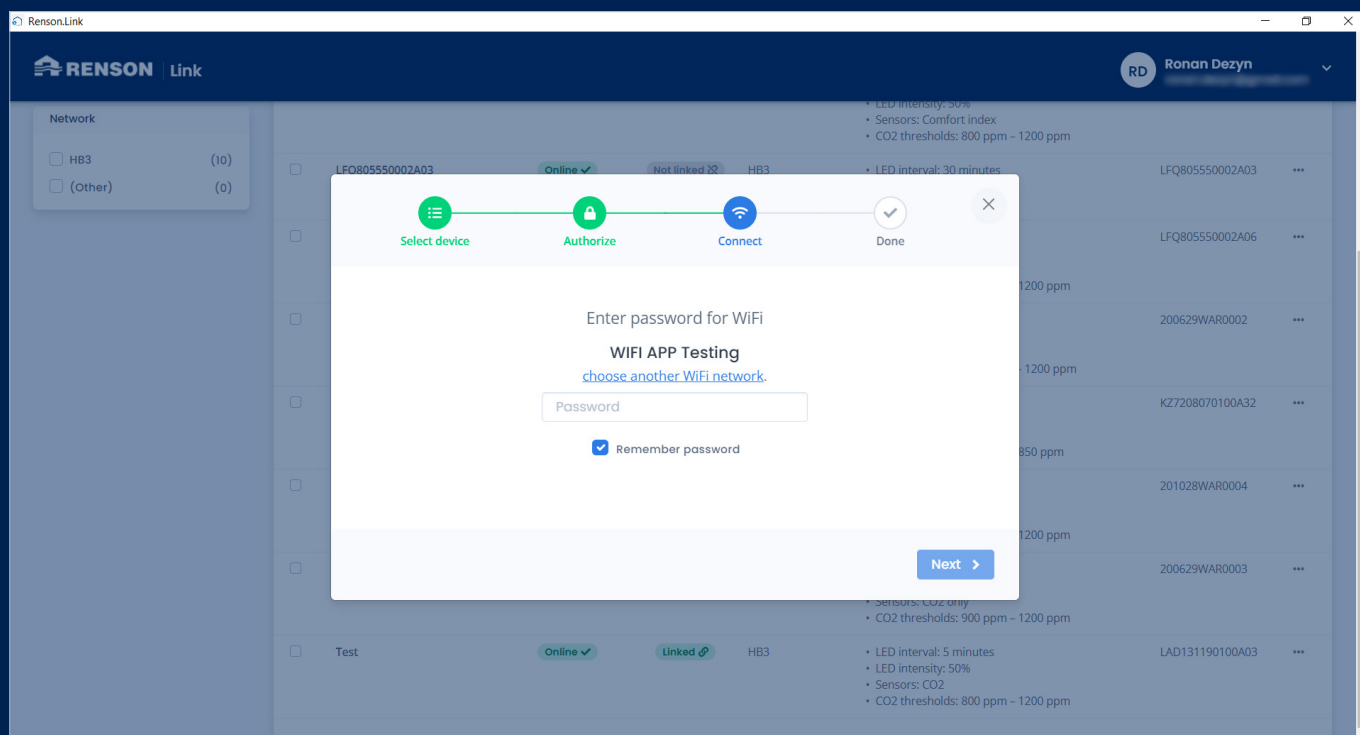


Fig 8. Enter the Wi-Fi password

The app will now connect the device to the selected Wi-Fi network and link the device to your account. The device is now successfully connected to the Wi-Fi network and the Renson servers.

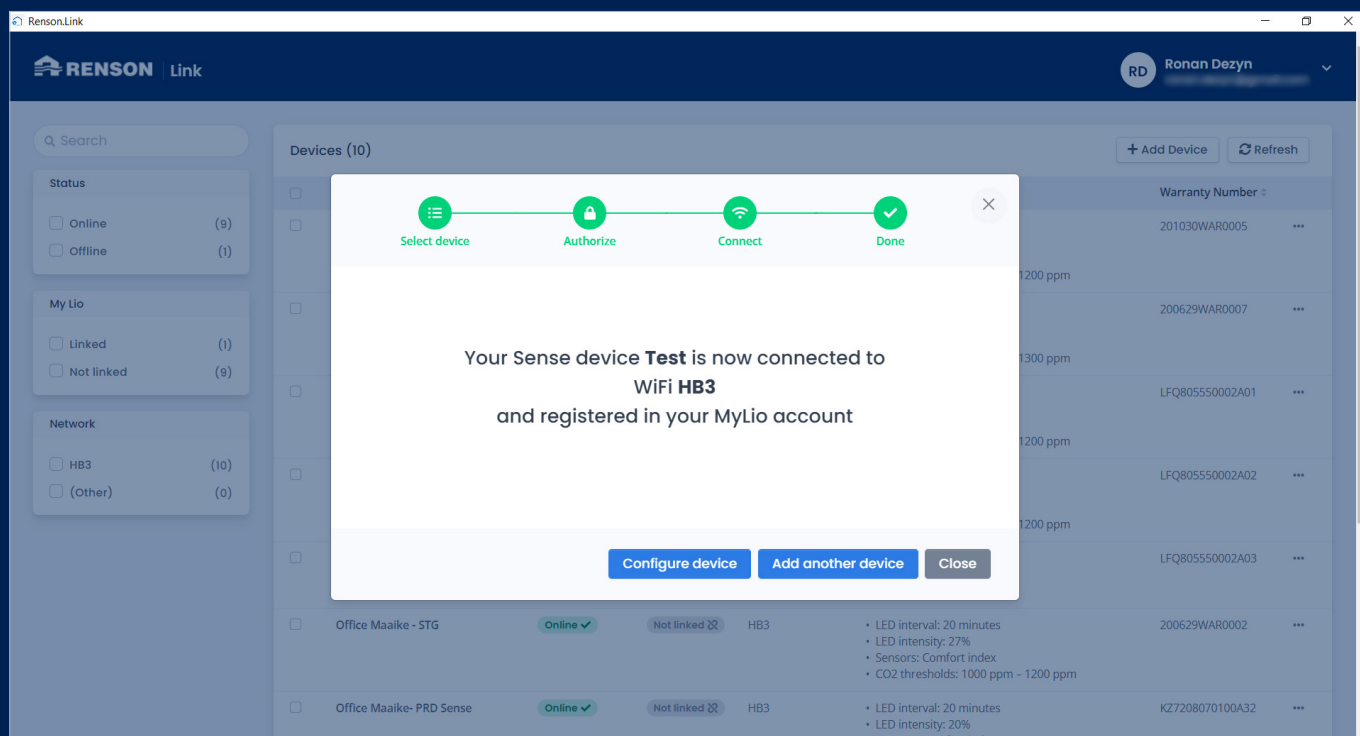


Fig 9. Your device has been connected to the Wi-Fi network successfully and has been added to your account

## 7. CONFIGURING THE VISUALISATION SETTINGS OF A NEW DEVICE

You can choose to configure the visualisation settings of the device immediately after its Wi-Fi configuration has been completed. Alternatively, you can choose to apply certain configuration settings to several devices that have already been connected (see Step 8).

Click 'Configure device' to configure the visualisation settings for this device. A menu showing the available settings will appear.

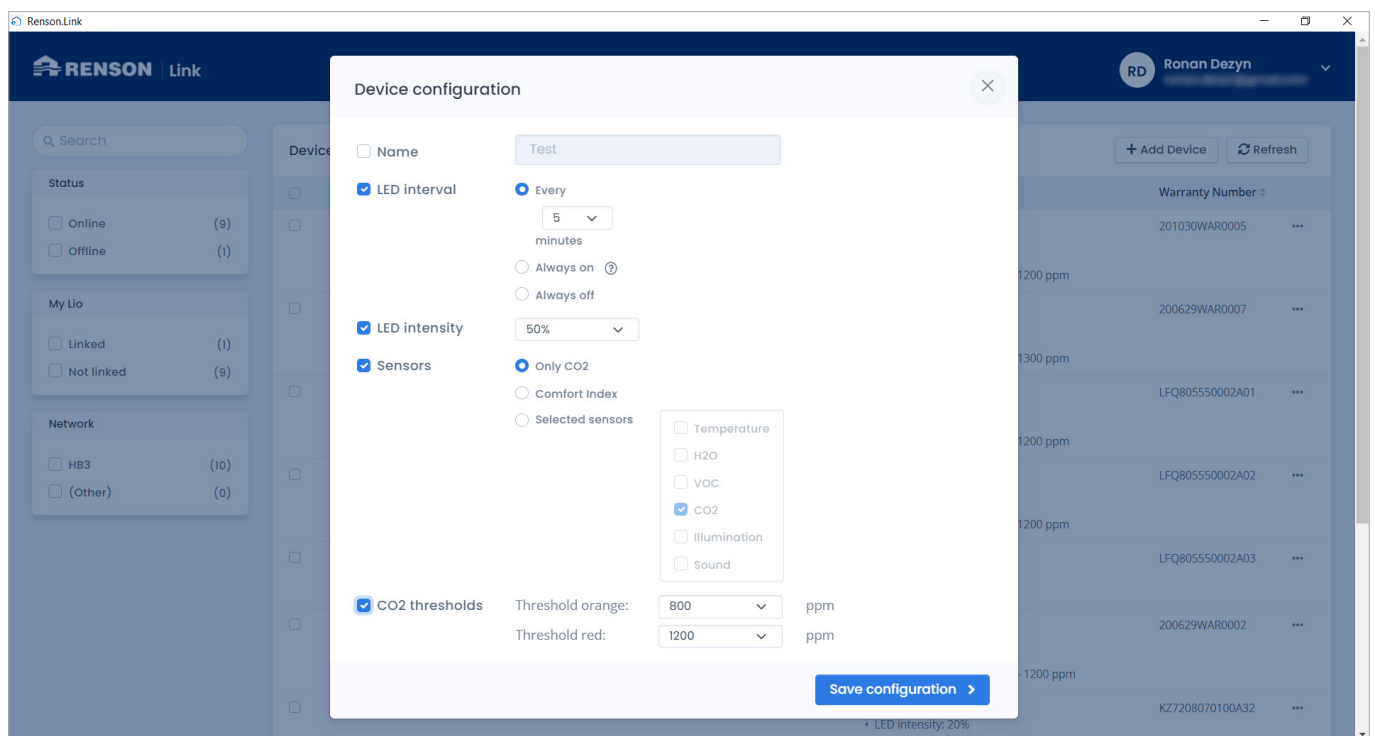


Fig 10. The available visualisation settings

This menu gives you the option to change the name of the device if required. In addition, you can also change the following settings:

- LED interval: the LED frequency is set at 5 minutes as standard. If required, this time interval can be changed.
- LED intensity: this is the intensity of the LED ring. The standard setting is 50%.
- Sensors: visualisation is applied to CO<sub>2</sub> as standard, but you can also choose to use either the Comfort Index or a selection of the available sensors. Of course, the device will continue to measure all data from all sensors regardless.
- CO<sub>2</sub> threshold values: this setting enables you to configure the threshold values for the CO<sub>2</sub> level. In other words, it enables you to set a value above which the device will light up in amber and a value above which the device will light up in red.

Once you have selected your settings, proceed to the next step. The selected settings will now be applied to the device, following which you can close the window.

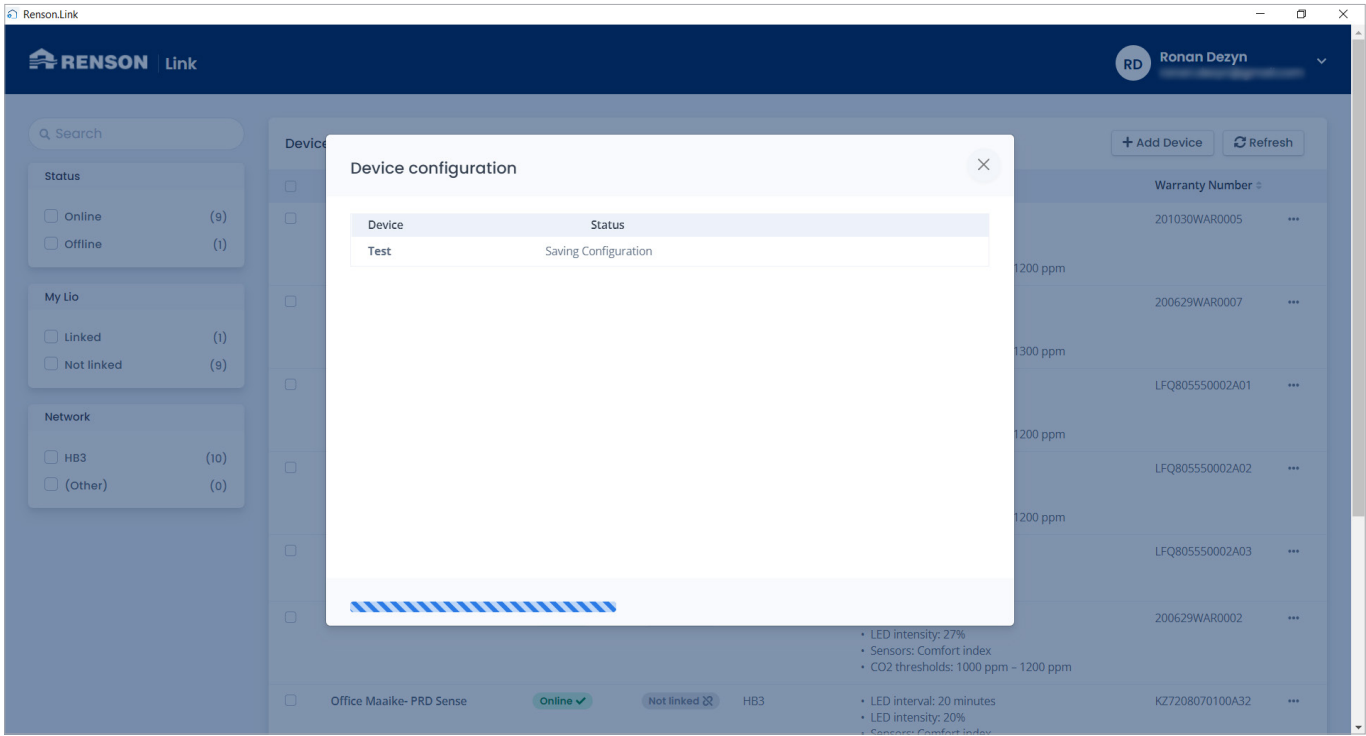


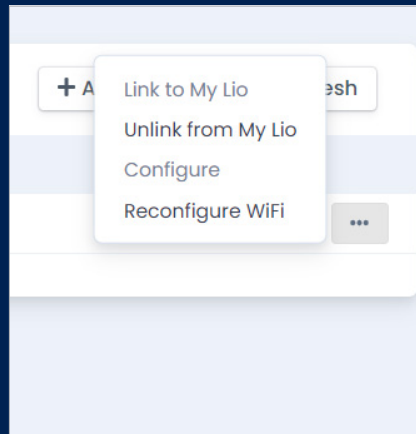
Fig 11. The selected settings are applied



## 8. RECONFIGURING THE WI-FI SETTINGS OF A DEVICE

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If you would like to connect the device to a different network or the login details of the Wi-Fi network have changed, you can reconfigure the device. To do so, click the three dots next to the device in the overview and select 'Reconfigure Wi-Fi'.



*Fig 12. Click the three dots next to a device for more options*

Once you've opened this menu, you can run through the same steps as described in Step 6.

## 9. APPLYING THE VISUALISATION SETTINGS TO MULTIPLE DEVICES

Once you have connected multiple devices to the Wi-Fi network, you can apply your visualisation settings to all or a selection of devices on the list.

**Please note:** to be able to apply the visualisation settings, both your PC and the devices must be connected to the same Wi-Fi network.

Select all or a selection of devices on the list, then click 'Bulk actions' and select 'Configure'. The visualisation menu as described in Step 7 will appear. The selected settings will now be applied to the selected devices.

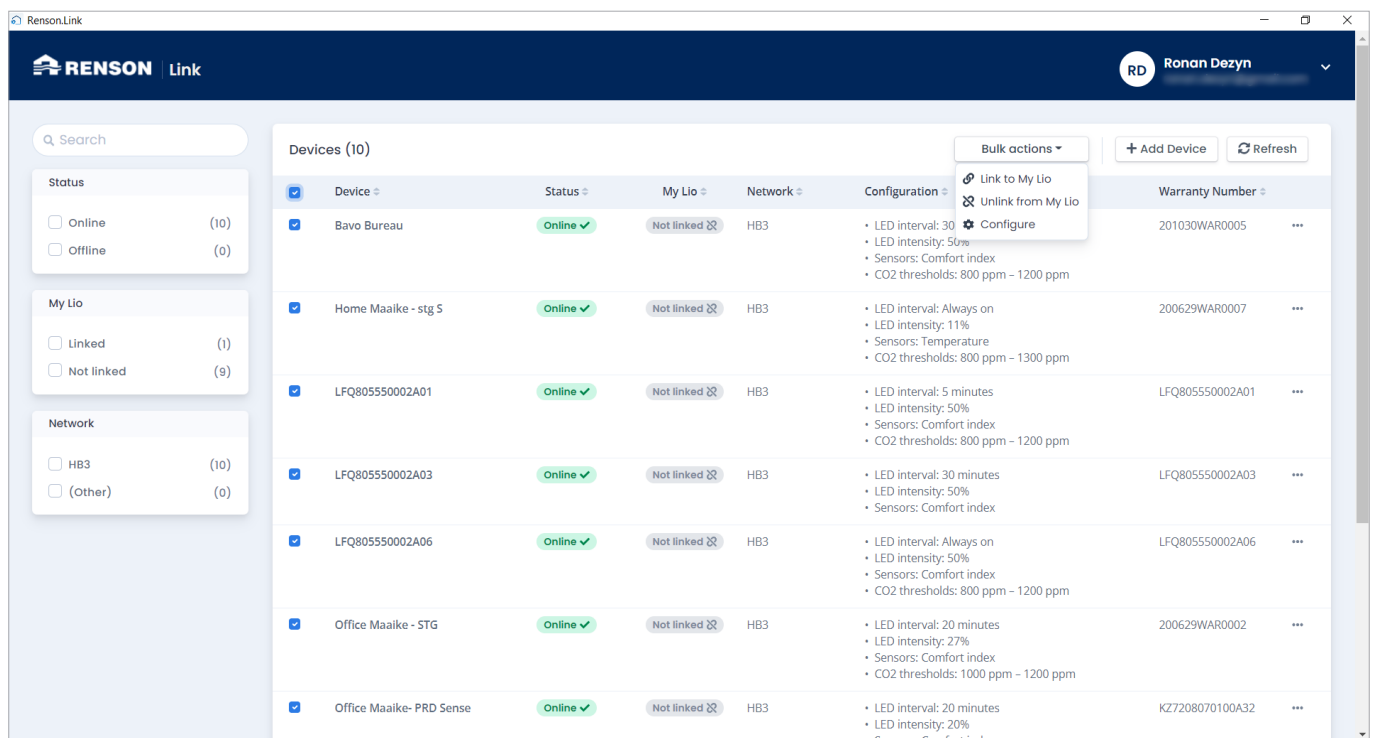
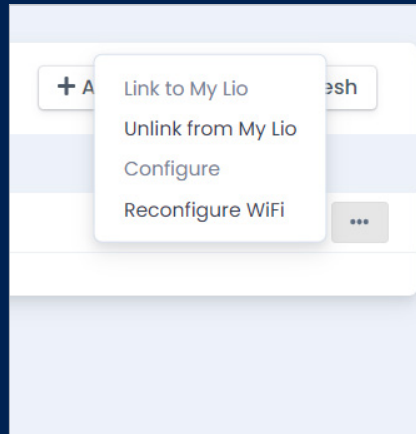


Fig 13. Select multiple devices to apply a range of bulk actions to these

## 10. MISCELLANEOUS SETTINGS

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*Fig 14. Click your account for more options and information*

Clicking your account gives you the following options:

- Account and profile: use this option to change your personal account and profile.
- My Lio: this link provides access to the My Lio portal, where you can manage your devices.
- End User Licence Agreement: this option provides a link to the user agreement.
- Privacy Policy: this option provides a link to the Renson privacy documentation.
- Log out: use this option to log out of the application.



RENSON® Headquarters

Maalbeekstraat 10, IZ 2 Vijverdam B-8790 Waregem

Tel. +32 56 30 30 00

info@renson.eu

www.renson.eu

