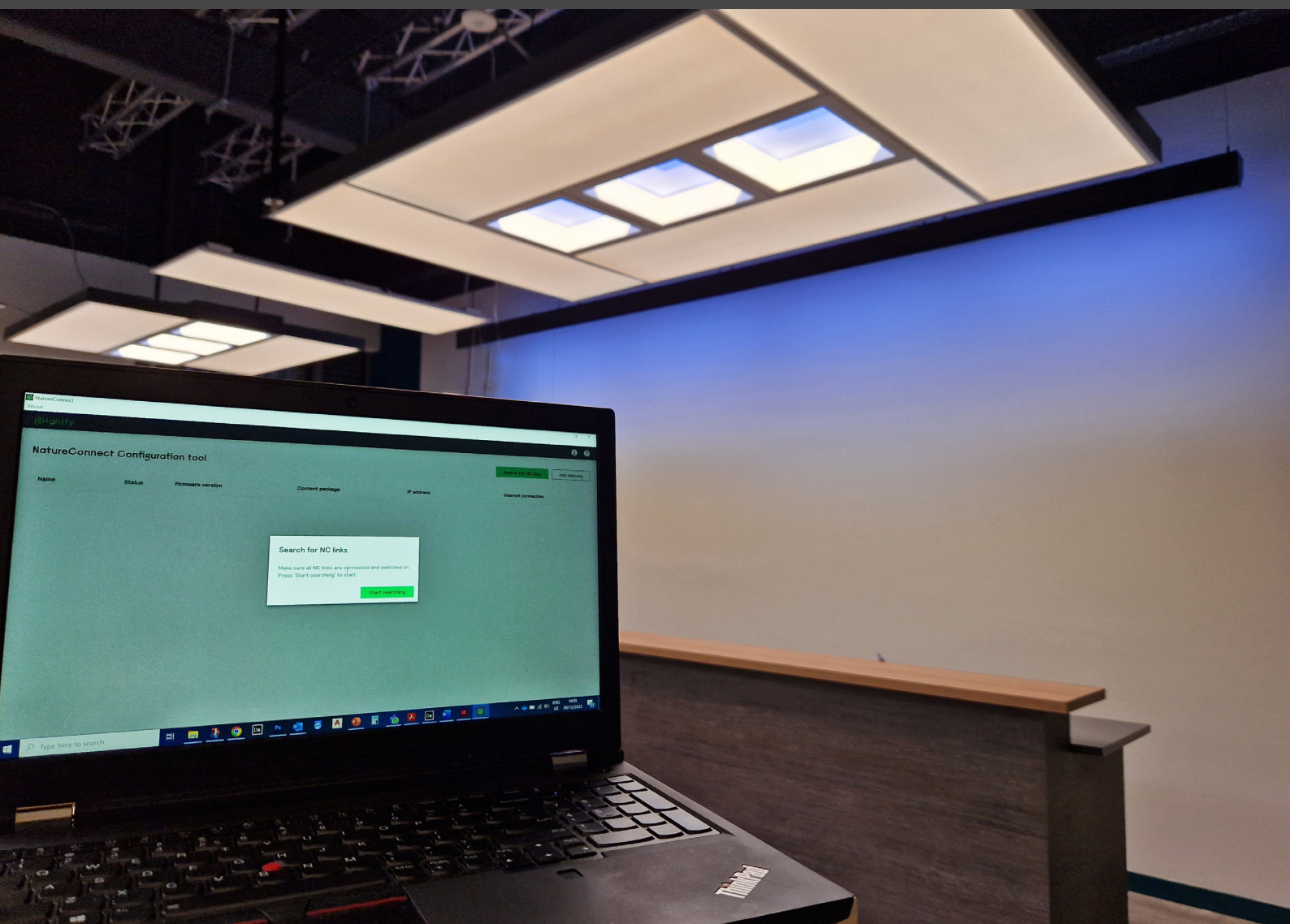


NatureConnect

by  Signify

Configuration app manual for NatureConnect link

April 2024



Introduction

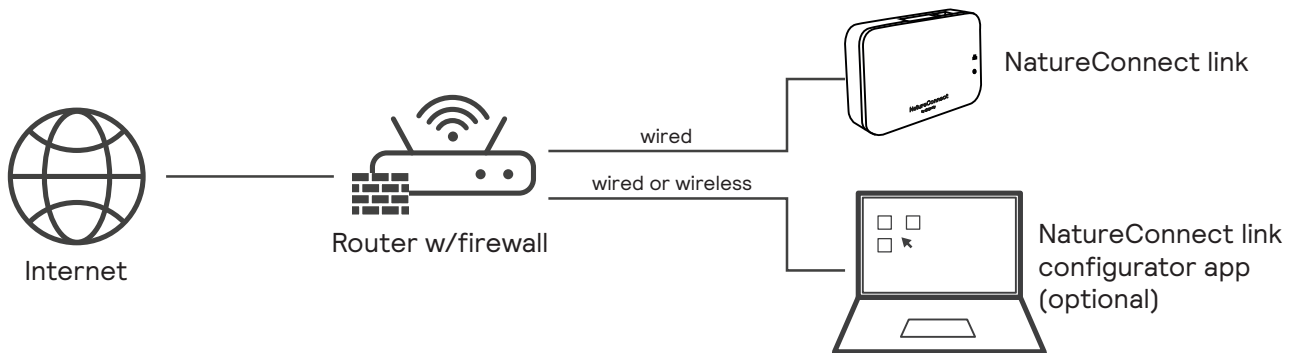
The NatureConnect link configuration app is used to update and configure NatureConnect link. It can be downloaded from https://downloads.natureconnect.cloud/nclink_configurator/

Required network configurations

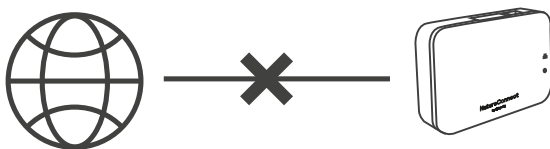
The application requires the following network configuration to be able to find and communicate with NatureConnect link:

- **(Temporary) Network connection with a router**

To connect a NatureConnect link to the internet and/or a computer you need a router with a firewall and a DHCP server.

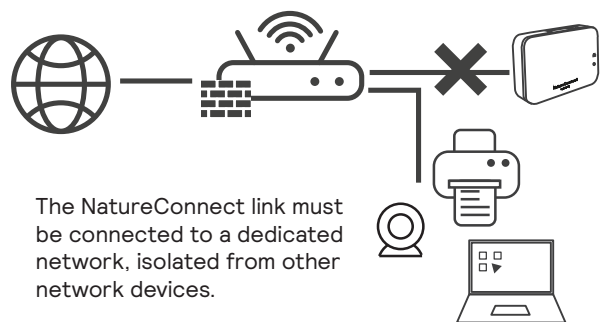


! Do not connect the NatureConnect link to the internet or other networks without a firewall.



The NatureConnect link must be protected by a firewall when connecting it to the internet or other networks.

! Do not connect the NatureConnect link to a shared network.



- **Temporary network connection without a router**

A Windows laptop can be used to create a temporary network by bridging the Wifi and Ethernet adapter.

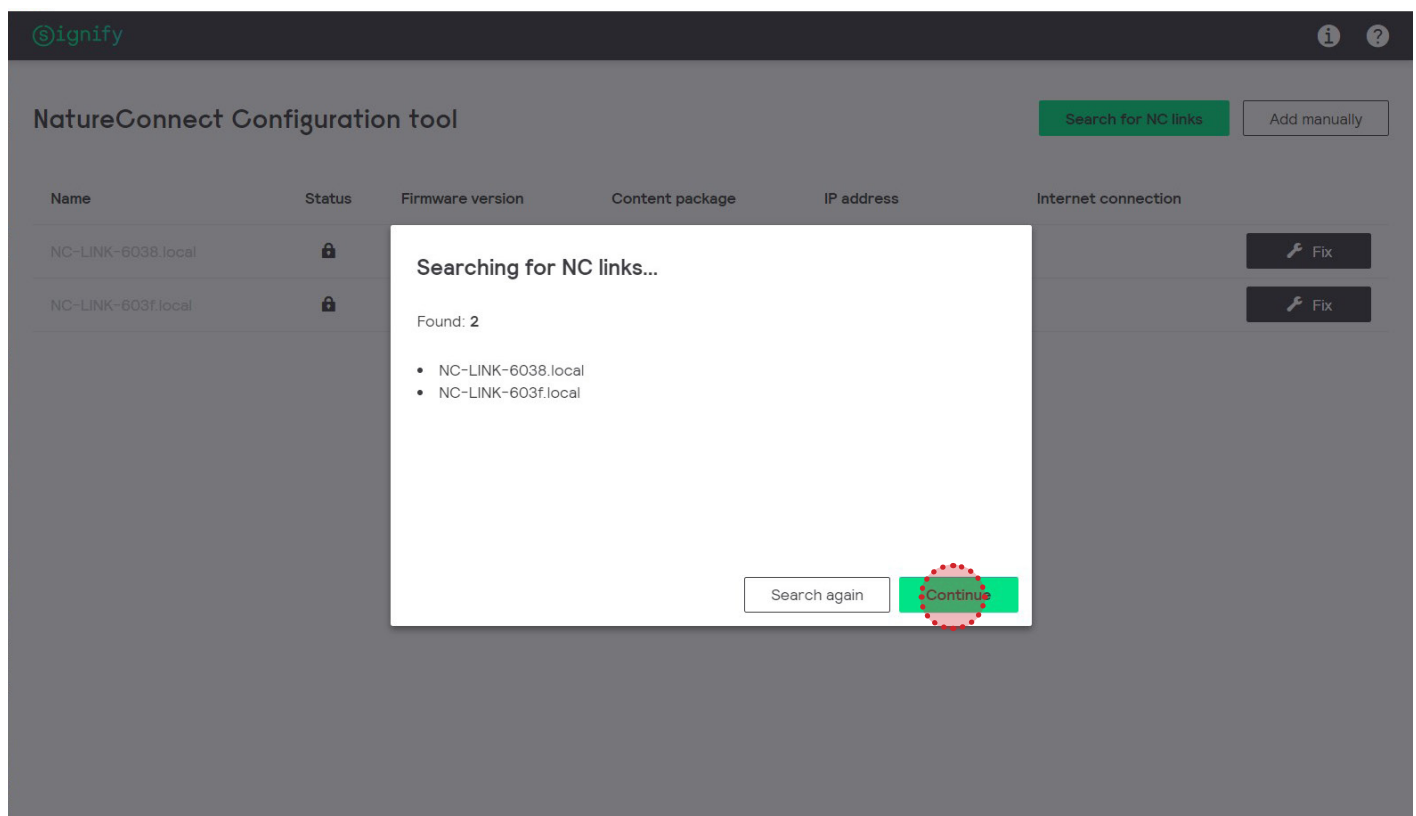
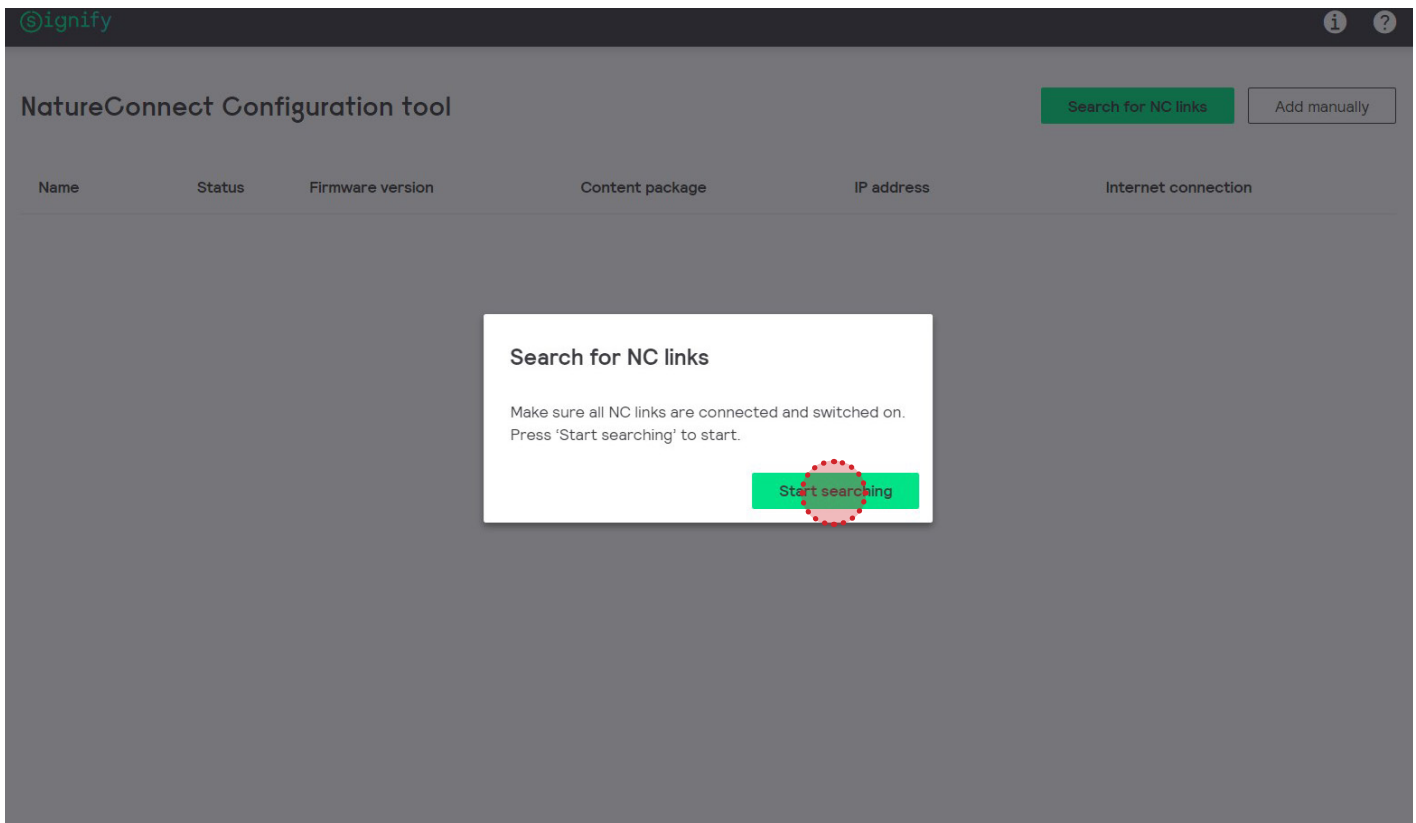


It's recommended to connect to a mobile hotspot.
Security on a corporate network can prevent this set-up from working.
This will also isolate the NC link from other devices on the local network.

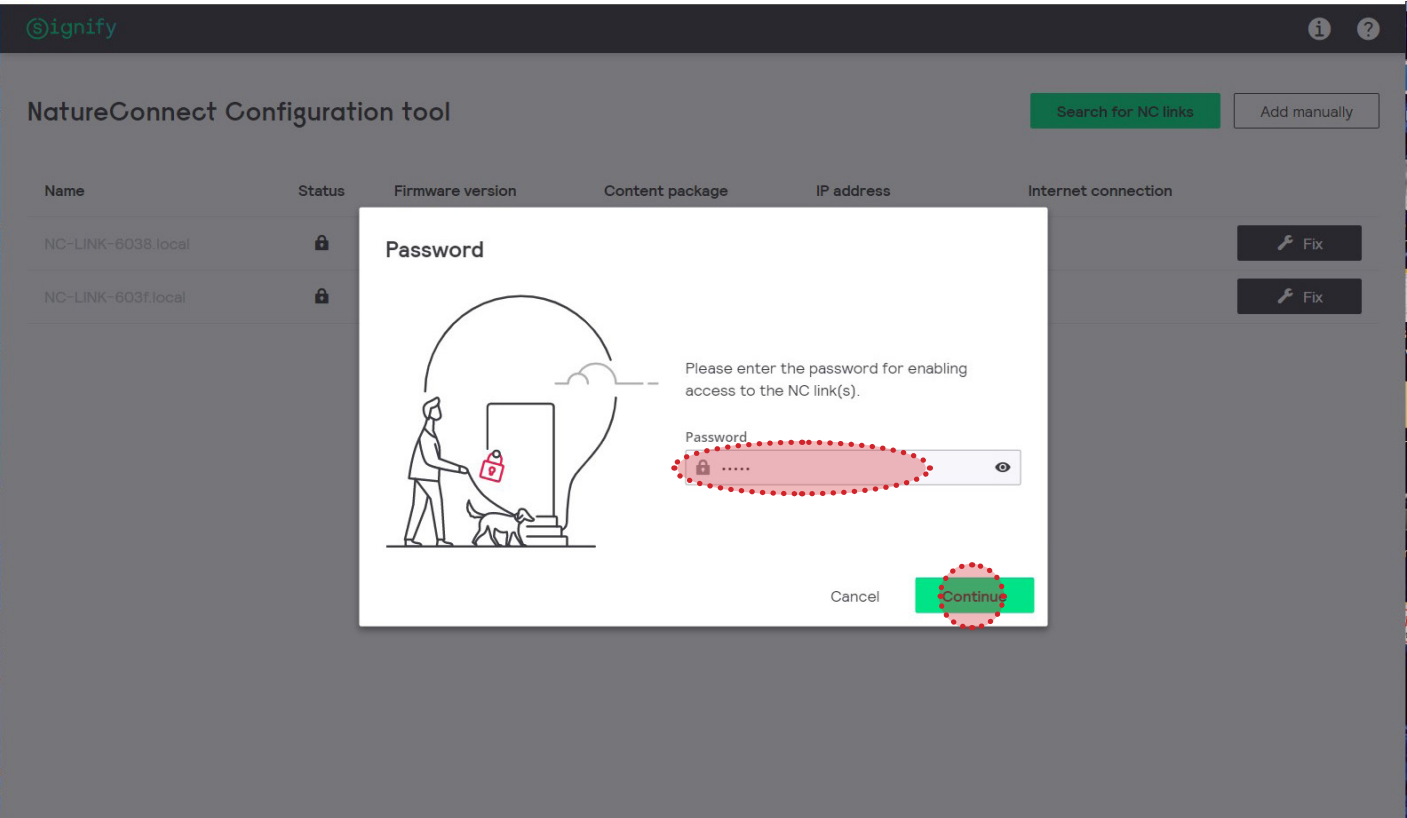
Configuration steps

I Find NatureConnect link on network

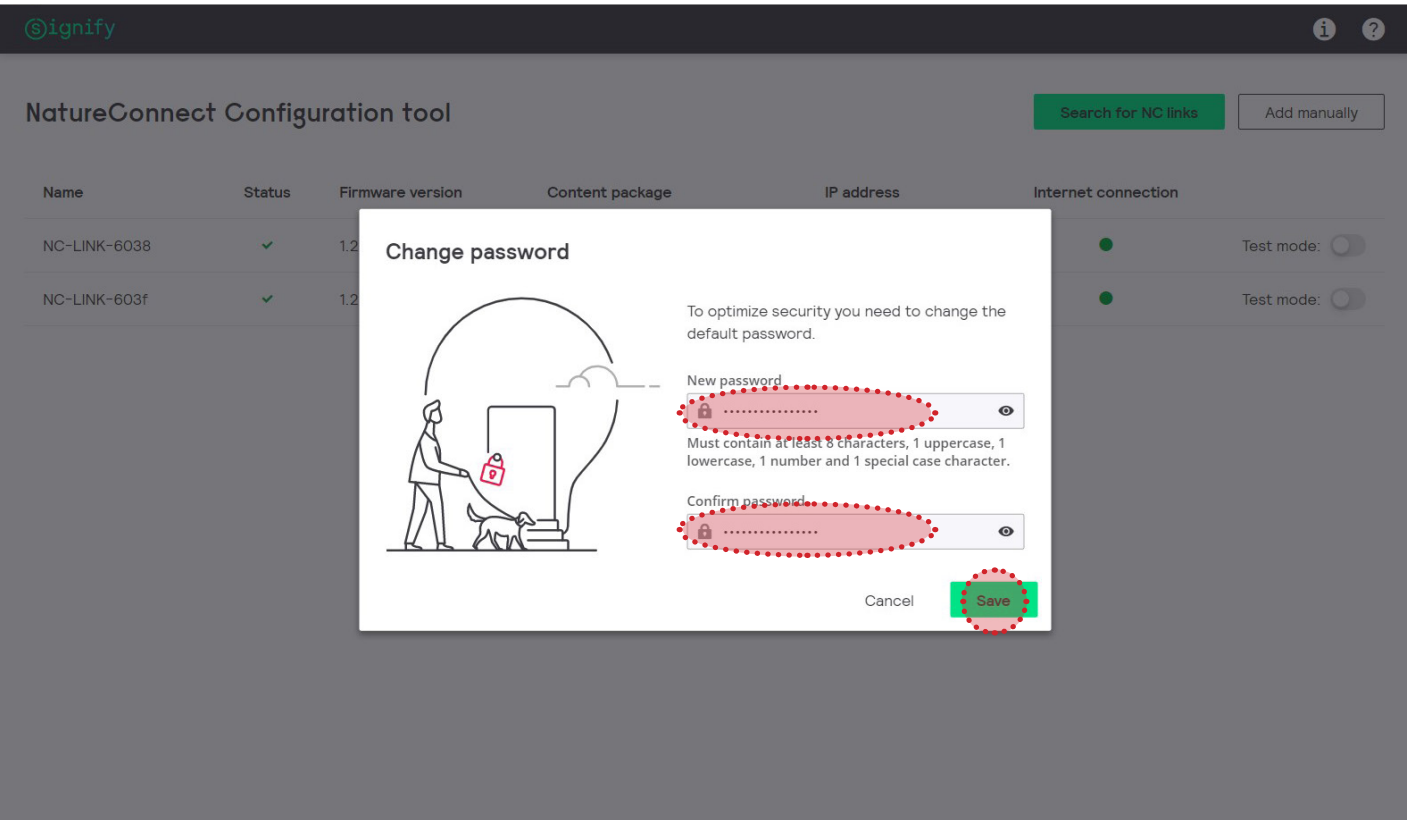
Search for one or more NatureConnect link devices on the network.



Login with default password: “admin”



Create a new password and store it safely




2

Firmware update





Select the NatureConnect link you would like to update.


In this example a NatureConnect link is going to be updated from firmware version 1.0.0 to 1.2.2.

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NatureConnect Configuration tool

Search for NC linksAdd manually

Name	Status	Firmware version	Content package	IP address	Internet connection	
NC-LINK-6038	✓	1.2.2 	example_user_content.1.0.0.json	192.168.88.144		Test mode: <input type="checkbox"/>
NC-LINK-603f	✓	1.0.0 	europe_office.2.0.0.json	192.168.88.146		Test mode: <input type="checkbox"/>



After selecting the correct device, click on “Firmware update”.

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NatureConnect Configuration tool

< Configuration

NC links

☐ NC-LINK-6038

☒ NC-LINK-603f

Device name: NC-LINK-603f 


Timezone: (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna ☐ Use app setting


Date:


Time: ☒ Network time

Content package: europe_office.2.0.0.json (System)

▼ Advanced settings

 Firmware update

 Refresh

 Save

Use the **“Browse”** button to navigate to the downloaded firmware file. Click the **“Update”** button.

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NatureConnect Configuration tool

< Firmware update

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Please download the latest firmware version here:
<https://www.signify.com/global/innovation/natureconnect>
After downloaded the file click on 'Browse' and select the file from your disk.

* Firmware

Browse

BSB002_010202.product.RSA_dev_01.fw2

Update

Signify

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NatureConnect Configuration tool

< Firmware update

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Please download the latest firmware version here:
<https://www.signify.com/global/innovation/natureconnect>
After downloaded the file click on 'Browse' and select the file from your disk.

* Firmware

Browse

BSB002_010202.product.RSA_dev_01.fw2

Firmware updating...

1. Preparing for update

2. Uploading firmware

3. Processing

4. Rebooting the device

Update

* The update will take at least 5 minutes. Please wait until the device shows the correct version in the device overview.

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NatureConnect Configuration tool

Search for NC links


Add manually

Name	Status	Firmware version	Content package	IP address	Internet connection	
NC-LINK-6038	✓	1.2.2 <div>i</div>	example_user_content.1.0.0.json	192.168.88.144	<div></div>	Test mode: <div></div>
NC-LINK-603f	✓ <div>*</div>	1.2.2 <div>i</div>	europe_office.2.0.0.json	192.168.88.146	<div></div>	Test mode: <div></div>

The following options can be modified with the configuration tool:








- Device name
- Timezone
- Date and time
- Content package

Click on the row of the device that you want to configure


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NatureConnect Configuration tool

Search for NC links
Add manually

Name	Status	Firmware version	Content package	IP address	Internet connection	
NC-LINK-6038	✓	1.2.2 	europa_office.2.0.0.json	192.168.88.144		Test mode:  
NC-LINK-603f	✓	1.2.2 	nam_office.2.1.0.json	192.168.88.146		Test mode: 

* "Test mode" can be used to help identify a NatureConnect link.
Enabling test mode on the Nature Connect link will initiate a display pattern on any connected products. (Check page 15)

1 Configuring “Timezone” with the app

By default timezone can be configured with the rotary switches on the NatureConnect link. It is possible to override the timezone by enabling the app settings and selecting the timezone from the list.

2 Configuring “Date” and “Time” with the app

It is possible to manually set the system date and time if NTP is not available or alternative settings are required.

3 Content package contains all NatureConnect light recipes.

When required, the content package can be changed. It is possible to select a “**System**” package or a “**User**” package uploaded with the “**content manager**”.

Uploading a content package (only when requested by a Signify representative)

Click on Open content manager

time: 10:00

network time

Content package: nam_office.2.1.0.json (System)

Open content manager

Signify

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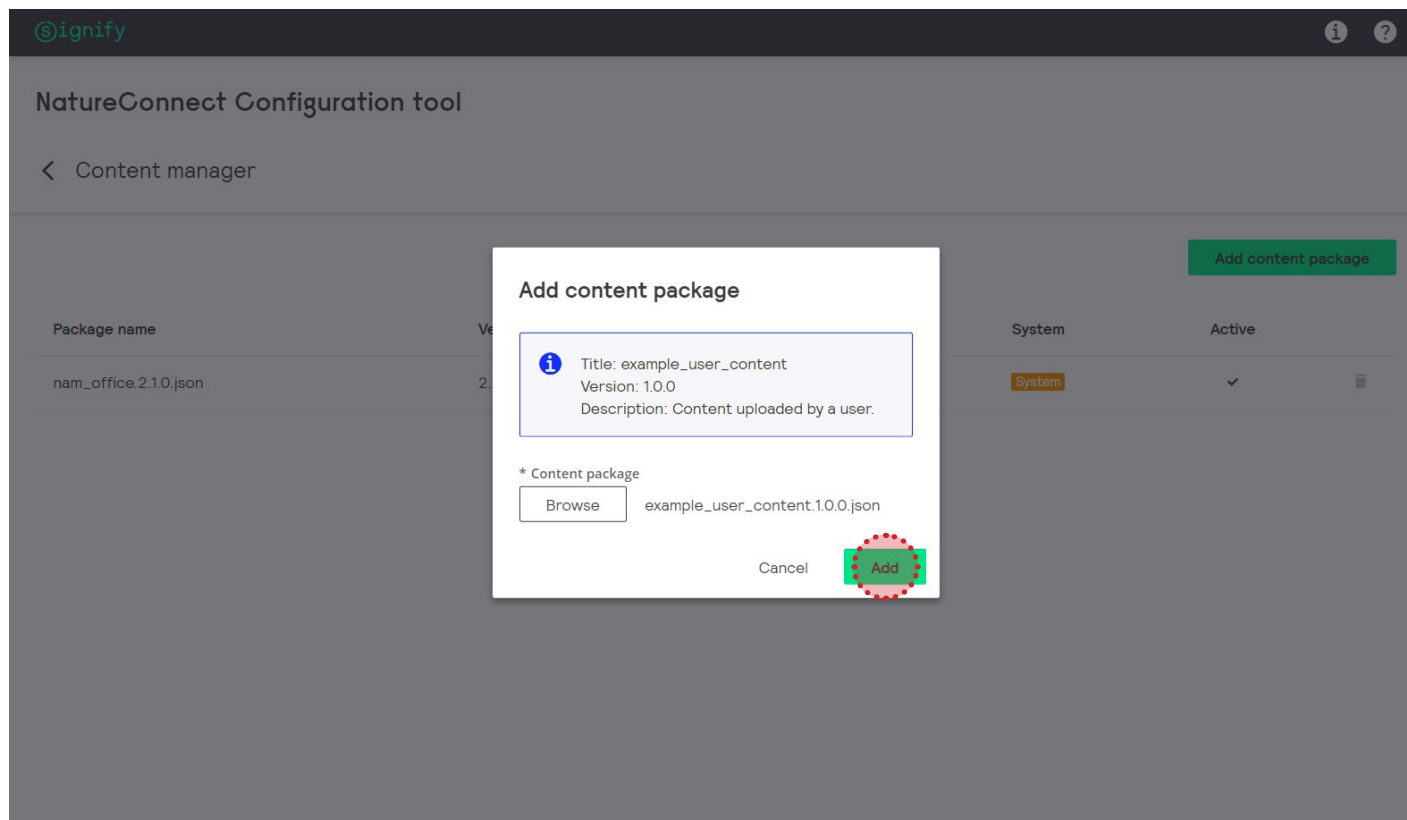
NatureConnect Configuration tool

< Content manager

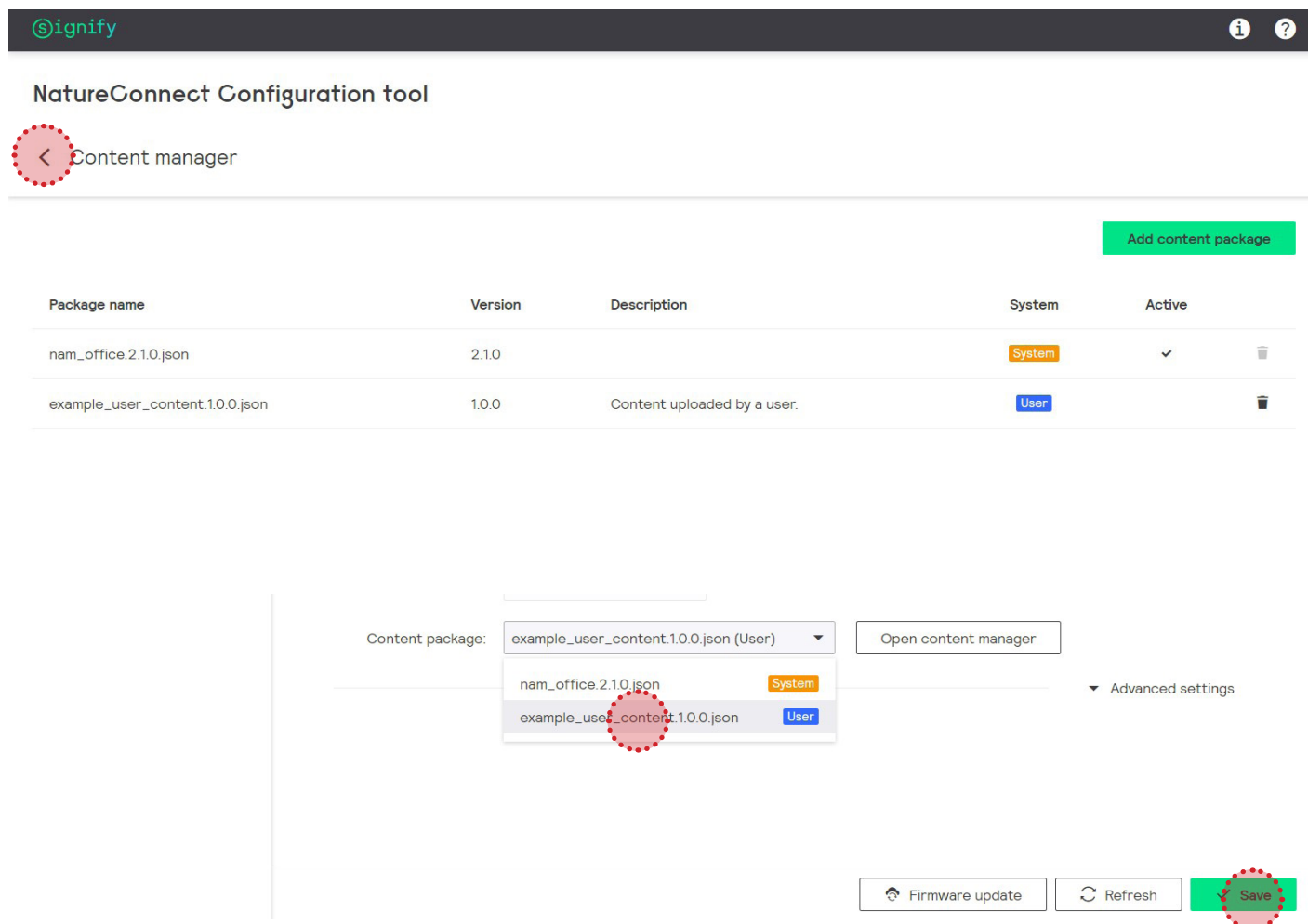
Add content package

Package name	Version	Description	System	Active
nam_office.2.1.0.json	2.1.0		System	<div>▼</div>

Select the required content package with “**Browse**” button and add it.



The new package will appear in the list. Return to the configuration page to select it.





Advanced device configuration

The following options can be modified with the “Advance settings”:

- Brightness calibration
- Password
- NTP servers

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NatureConnect Configuration tool

< Configuration

NC links

☒ NC-LINK-6038

☐ NC-LINK-603f

Device name: NC-LINK-6038

Timezone: (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna ☐ Use app setting

Date:

Time: ☒ Network time

Content package:

▼ Advanced settings

Firmware update

Refresh

Save

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NatureConnect Configuration tool

< Configuration

NC links

☒ NC-LINK-6038

☐ NC-LINK-603f

Brightness calibration: 100

IP address: 192.168.88.144

Password:

Subnet mask: 255.255.255.0

NTP server 0:

Gateway: 192.168.88.1

NTP server 1:

DNS 0: 192.168.88.1

NTP server 2:

DNS 1:

12NC: 912401184221

Device tag: NatCon
LP912P;IA12.912401184221

CG App version: 1.2.2 (2023/11/01 21:39:29 +0800)

Dali version: 1.2.2 (JG Slave update success. JG Master1 update success. JG Master2 update success.)

▲ Advanced settings

Firmware update

Refresh

Save

11 NatureConnect link configuration app manual

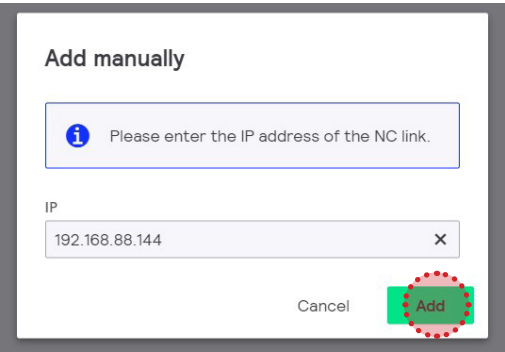
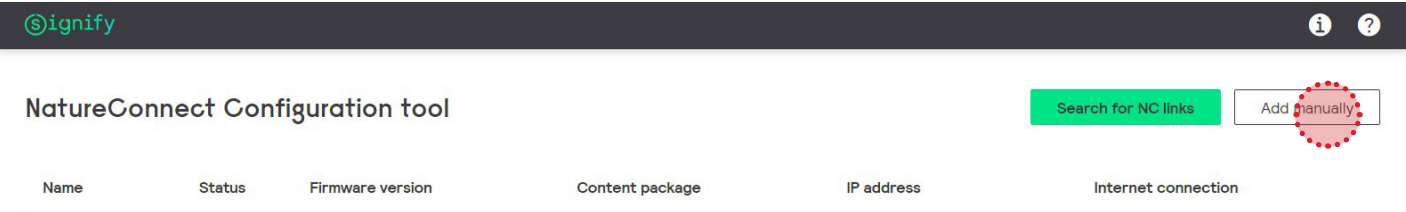
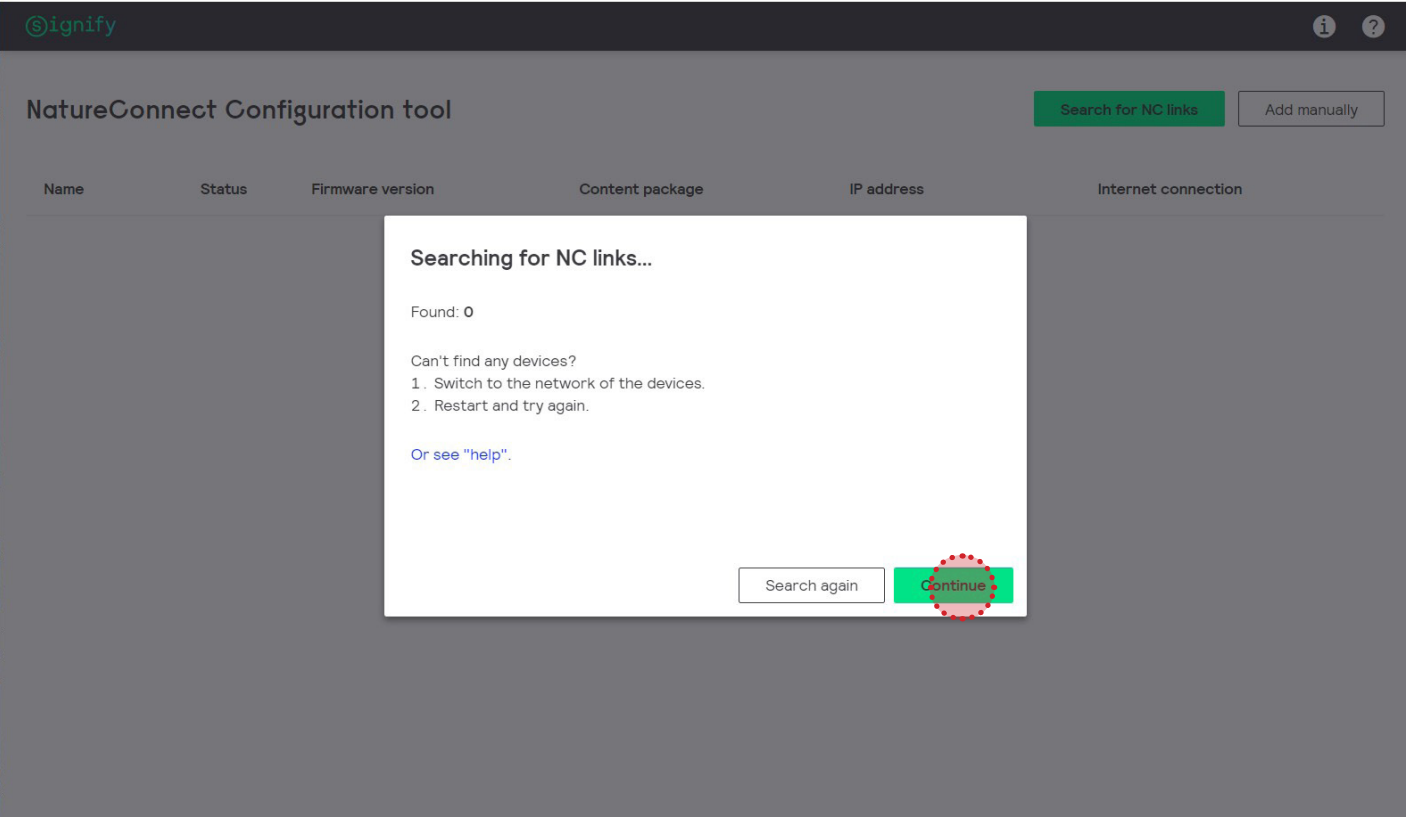
Brightness calibration

Brightness calibration is a feature that allows the installer or commissioner to limit the maximum brightness output of the system. By doing this calibration the brightness range will be rescaled from the minimum supported by the system to the new maximum set.


Additional features



Manually add NC Link by IP address

If the device is not found automatically, it can be added manually by IP address.



Click on “**Fix**” to log in to the NatureConnect link.








NatureConnect Configuration tool

Search for NC links

Add manually

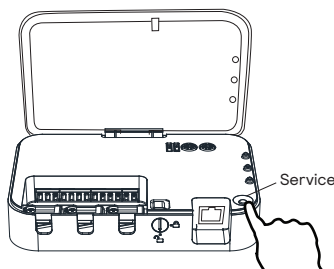
Name	Status	Firmware version	Content package	IP address	Internet connection
192.168.88.144				192.168.88.144	<div><div>Fix</div><div></div></div>

Proceed from page 4 of this manual.

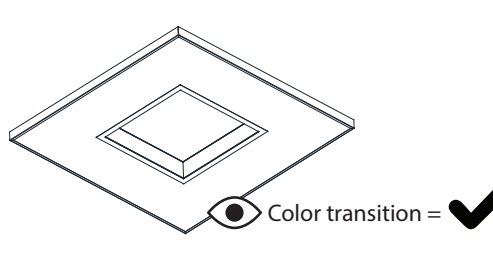
Test mode

How to activate test mode:

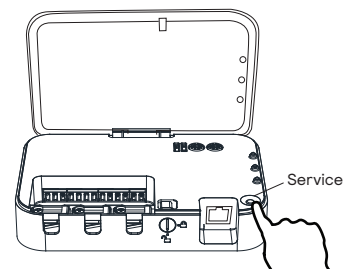
Activating test mode with the service button on the NatureConnect link:



1 Press the "service" button to start the test



2 Check luminaires




3 Press the "service" button to finish the test

Activating test mode with NaturConnect configuration app:

ignify

NatureConnect Configuration tool

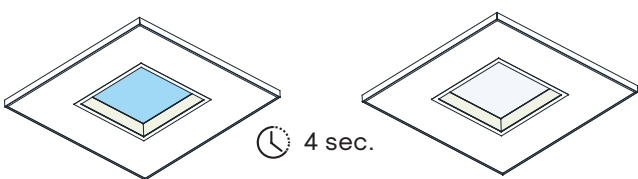
Search for NC linksAdd manually

Name	Status	Firmware version	Content package	IP address	Internet connection	
NC-LINK-6038	✓	1.2.2 ⓘ	europe_office.2.0.0.json	192.168.88.144	●	Test mode: 
NC-LINK-603f	✓	1.2.2 ⓘ	nam_office.2.1.0.json	192.168.88.146	●	Test mode: <input type="checkbox"/>

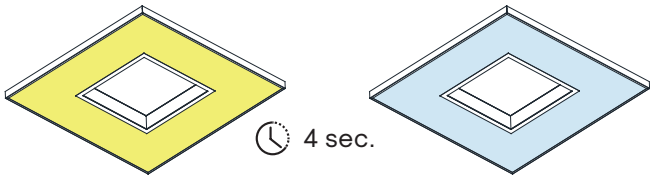
Test mode behavior

Once activated, the test mode behaviour will run in a loop (until it is deactivated).

Skylight will alternate between blue and white.



Daylight will alternate between warm and cool light.



Lightscape will alternate between purple/blue and light blue/yellow.

