

INSTALLATION MANUAL

Connecting to Smart connect cloud

MODEL

S- control ovens



- NOTICE -

This manual is prepared for the use of trained Service Technicians and should not be used by those not properly qualified. If you have attended a training for this product, you may be qualified to perform all the procedures in this manual.

This manual is not intended to be all encompassing. If you have not attended a training for this product, you should read, in its entirety, the repair procedure you wish to perform to determine if you have the necessary tools, instruments and skills required to perform the procedure. Procedures for which you do not have the necessary tools, instruments and skills should be performed by a trained technician.

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Connecting to the SmartConnect cloud

Smart connect cloud gives you a real-time overview of your fleet and lets you access and monitor your equipment anytime, anywhere, and on any device. The oven connectivity is based on four separate parts which has to run/work all in order to be able to connect the oven and use the system.

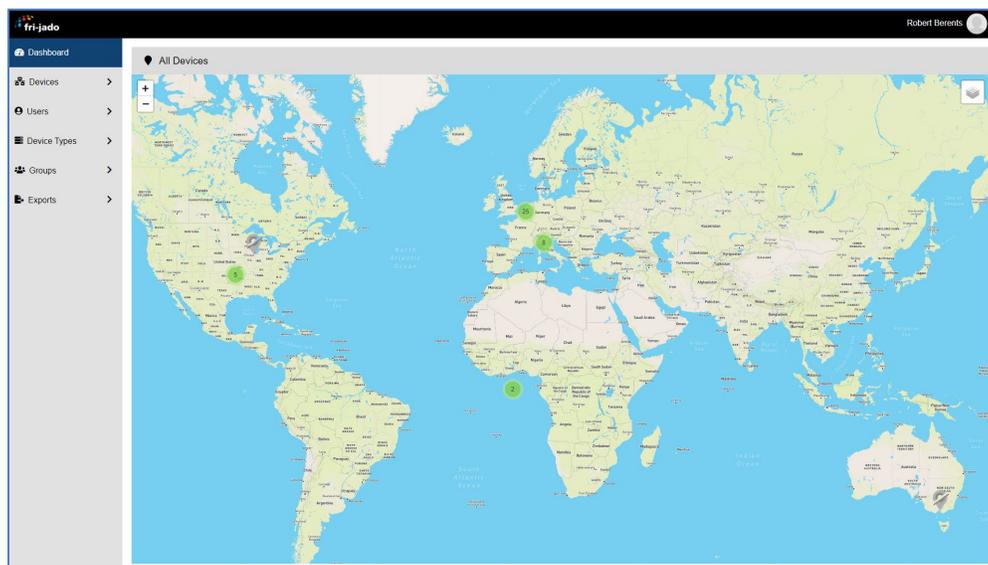
1. Smart connect cloud
2. Store WiFi network
3. Oven with S control
4. Fri-Jado connector app

1. SmartConnect cloud

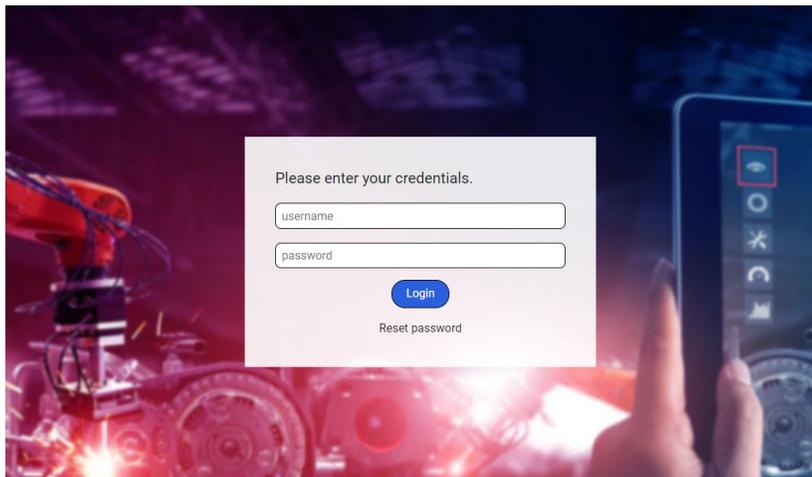
The first part is the Smart connect cloud which is a web based environment where you can manage Users, devices and groups. You have also a dashboard available to monitor the ovens and perform exports and downloads.

To access the Smart connect cloud you can use the following link:

<https://smartconnect.frijado.com/>

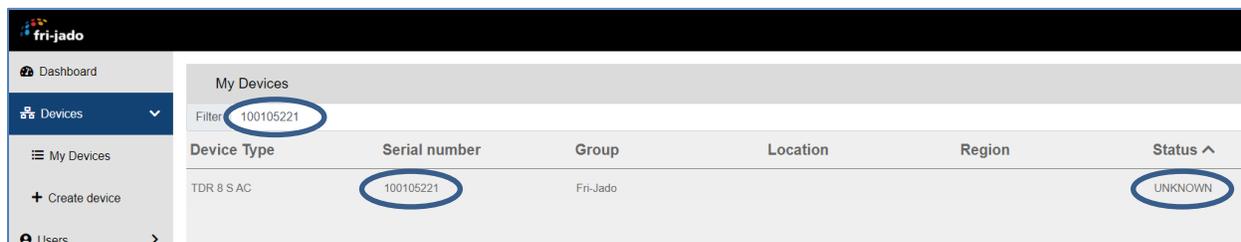


You need to enter your Username and Password which has been send to you by email to be able to login. If you did not receive it please contact your local distributor or Fri-Jado.



Note: Password must contain at least 8 characters, one uppercase letter, one number, and one special character (@\$!^#*?)

The oven must be known in the SmartConnect cloud, in one of the groups you have access to. You can type the serial number in the search bar in the “my devices” page to find it quickly.



Device Type	Serial number	Group	Location	Region	Status ^
TDR 8 S AC	100105221	Fri-Jado			UNKNOWN

Go to <https://smartconnect.frijado.com/> , log in with your credentials (same as used for the app) and check if the serial number is known.

2. Store Wi-Fi network

Make sure there is a 2.4GHz Wi-Fi network with password protection available, a 5GHz network will not work. Keep the name and password of this Wi-Fi network at hand while connecting. The signal to the oven should be stable and strong. Recommended RSSI reading is between -60dBm and -25dBm.

When a firewall blocks the connection make sure the following address is opened:

Frijado-prod-iot-hub.azure-devices.net

Port number; 8883

3. Oven with S control

Ovens with S control (touch screen) have an integrated Wi-Fi module to connect the oven with the store Wi-Fi network.

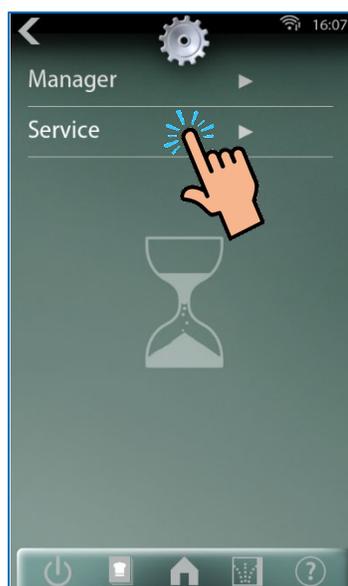
Make sure the oven has the latest software version installed. (V 1.00.34 or higher) If not please update the oven first. See service manual for instructions.



Activate Wi-Fi on the oven

First thing we need to do, is making it possible for the oven to communicate with your smartphone. This is necessary to configure the wi-fi connection and to set the date, time and location of the oven.

Switch on the oven and select the settings symbol  and go to the service parameters page.



Select service, enter the service code: **4878** and confirm.



Scroll down to the WiFi settings and make the following settings:

- 'Wifi Smartphone' Allowed (= smartphone connection )
- 'Wifi Cloud' enable (= cloud connection )

4. Fri-Jado Connector app

To connect the oven to the Smart connect cloud you need a smartphone with the Fri-Jado connector app installed. With this connector app you connect the oven to the smart Cloud and determine its location.

Download the latest version of the Fri-Jado connector app on your smartphone and make sure you have the credentials to log in.

You can download the latest Fri-Jado connector app version via the link below:

<https://apps.gillz.net/b5640515ba>

After this you can choose between an Android and a iOS app depending on the platform your smartphone is running on.

gillz

FRIJADO CONNECTOR - 2020

Android



Frijado Connector - 2020

Versie: 1.2.0
Build: 2

- Derde flow voor geregistreeerde ovens om wifi opnieuw in te stellen
- Optimaliseer locatie verversen in locatie scherm
- Forceer wifi gebruik op Android als er met een Frijado netwerk verbonden is

Let op: [Sta onbekende bronnen toe.](#)

iOS



Frijado Connector - 2020

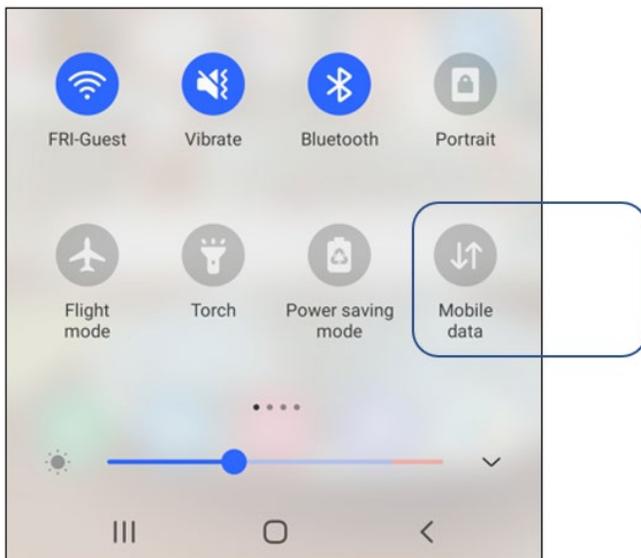
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Let op: [Vertrouw Gillz eenmalig na installatie.](#)

Once you have downloaded the app you need to install the app on you smartphone.

Note: While using the app to connect the oven make sure mobile data is switched off on your smartphone.



5 Getting connected

This guide will take you step by step through the connecting process of the Oven to the Smart Connect Cloud.

The 2 following signs will be used to show on which device action is required:



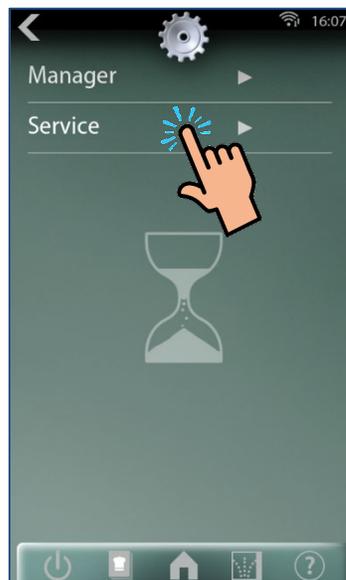
When you see this icon, actions are required on the oven controller.



When you see this icon, actions are required on your smartphone.

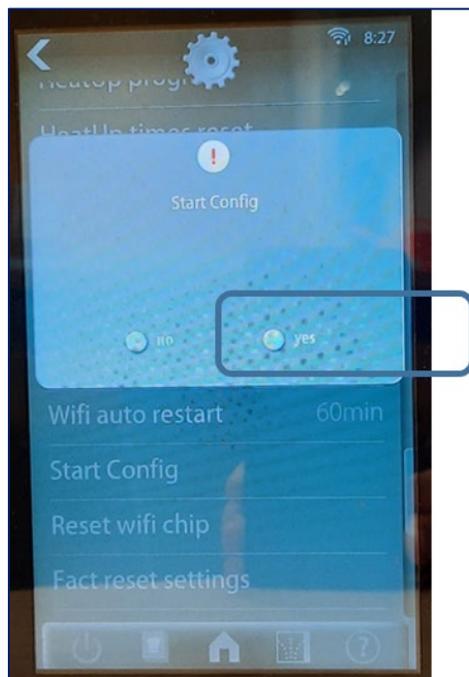
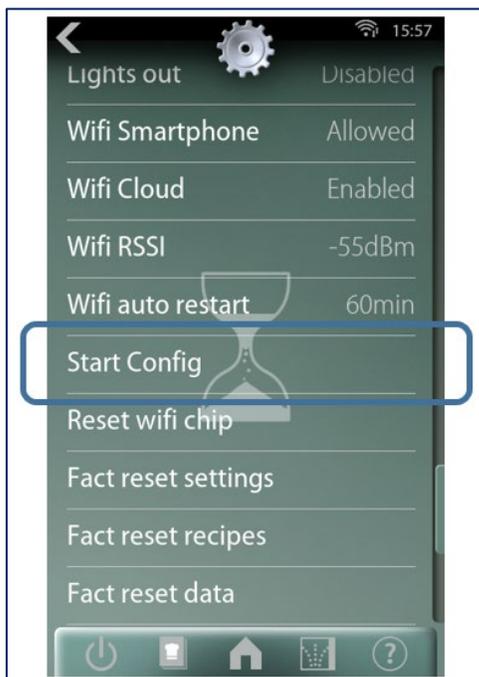


On the oven go to the Home menu select 'settings' and next select 'service'.

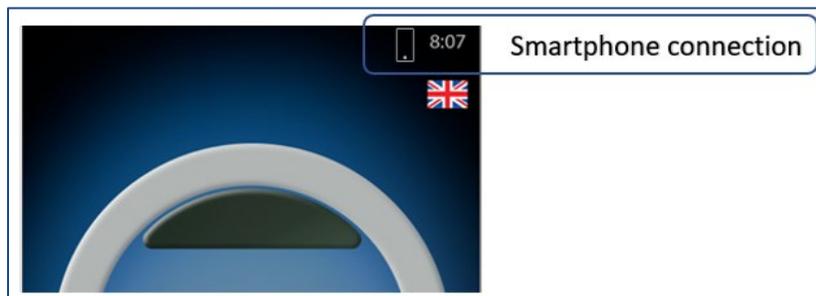


Enter the service code: 4878 and confirm.

Scroll down to 'Start Config' and select it. A screen with the options 'no and yes' pops up. Push 'yes' to start the configuration.



Wait approximately 10-30 seconds till the Smartphone icon  shows up in the top right side of the Oven display. The oven will switch to wi-fi access point mode now, to be able to connect to your smartphone.



Now select about from the home menu, you will see a QR code representing the serial number of the oven. At the bottom of the screen you can also read the serial number and the I/O board version.





Now start the app :”Fri-jado Connector app” on your smartphone



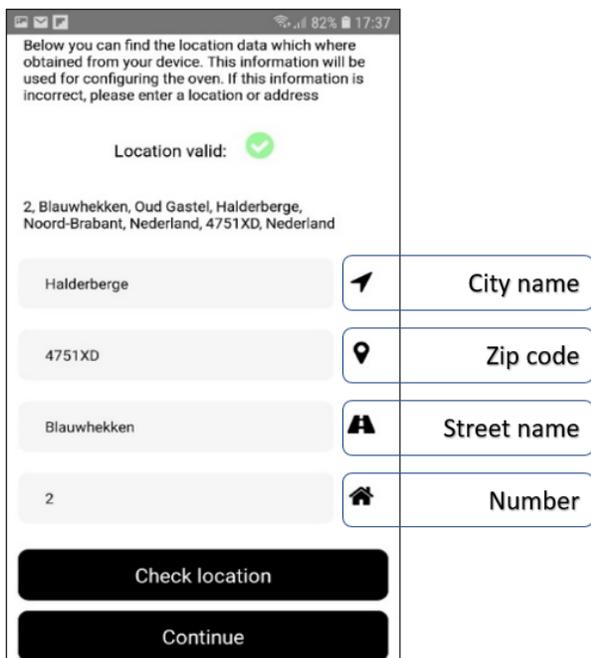
- Enter Username and Password and press Login.

Your current location will automatically be detected.

Note: Location tracking must be set to “yes” or “allow” on your phone to make this step work. If you are inside a store, your smartphone might have trouble tracking your location because there is no satellite connection. In that case you can walk outside to get the correct location and continue if you get

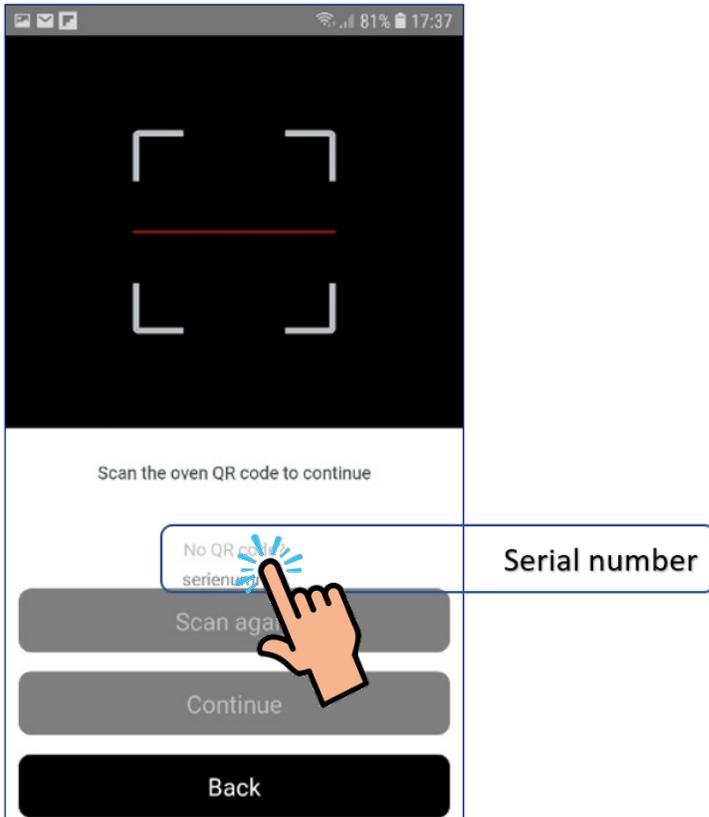
an Location valid:  , or skip the location step.

The location can also be entered manually in the dashboard.



Check location, if you get a **Location valid: ✓** press 'continue'.

Scan the QR code which is shown on the Oven display. The App reads the QR code and the serial number will be shown in the Smartphone screen.



If the scan of the QR code isn't successful, you can scan the QR code again, or enter the serial number manually by pushing the serial number area in the app. (see picture above)

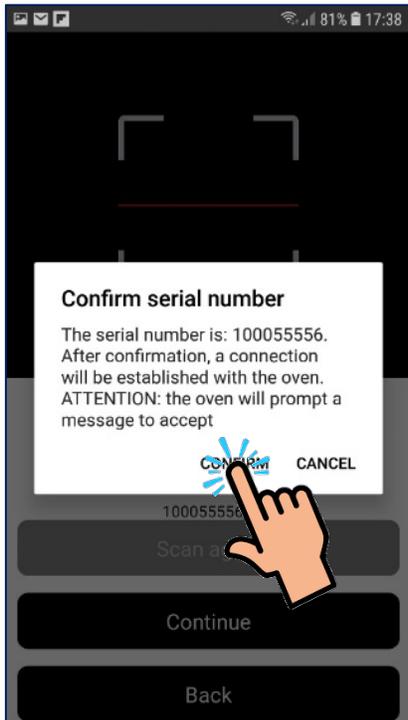
Then type the full serial number as shown in the bottom of the 'about' screen. (see picture below)



Serial number



After filling in the serial number, or scanning it successfully, press “Continue” in the app.



If everything is correct you get the confirmation screen as shown above. Check if the mentioned serial number is correct and press 'confirm'.



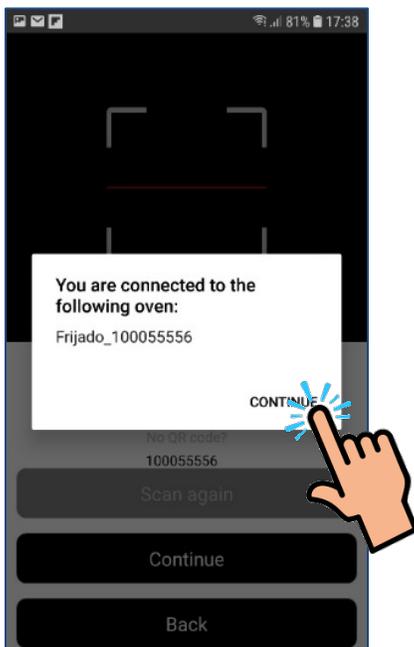
After the serial number confirm, an Incoming Wi-Fi message will appear on the screen of the S-control oven.



Press “Accept”



You will receive a “You are connected.....” message, press “continue”



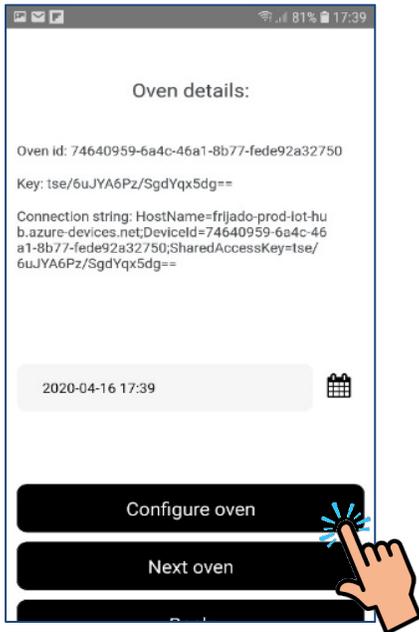
Now select the Wi-Fi network you want to connect with and enter the Wi-Fi password



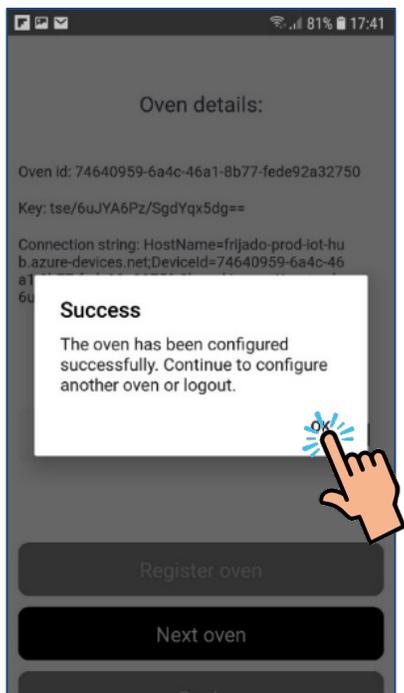
Note: The oven can also be connected with a static IP address. If you want to use this option please follow the instructions in chapter 6 from this point.

Press "continue"

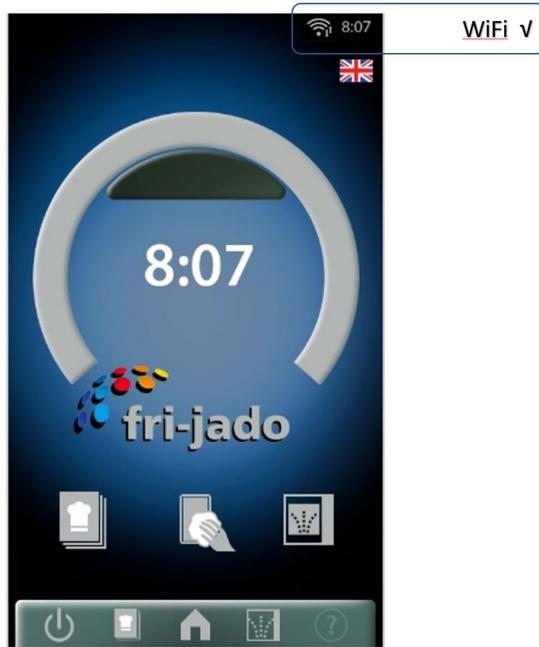
The app will now show oven details like Oven ID, Key and connection string



Press “configure oven”, the app/Oven will do some configuration steps automatically now. The oven will now be connected to the selected Wi-Fi network (this can take some minutes) If successful the following message will appear:



Press OK to continue.



This oven is now connected. The top of the oven screen will show the Wi-Fi symbol and the up/down arrow showing communication.

Close the connector app or choose next oven if there are more ovens to be connected on this location.

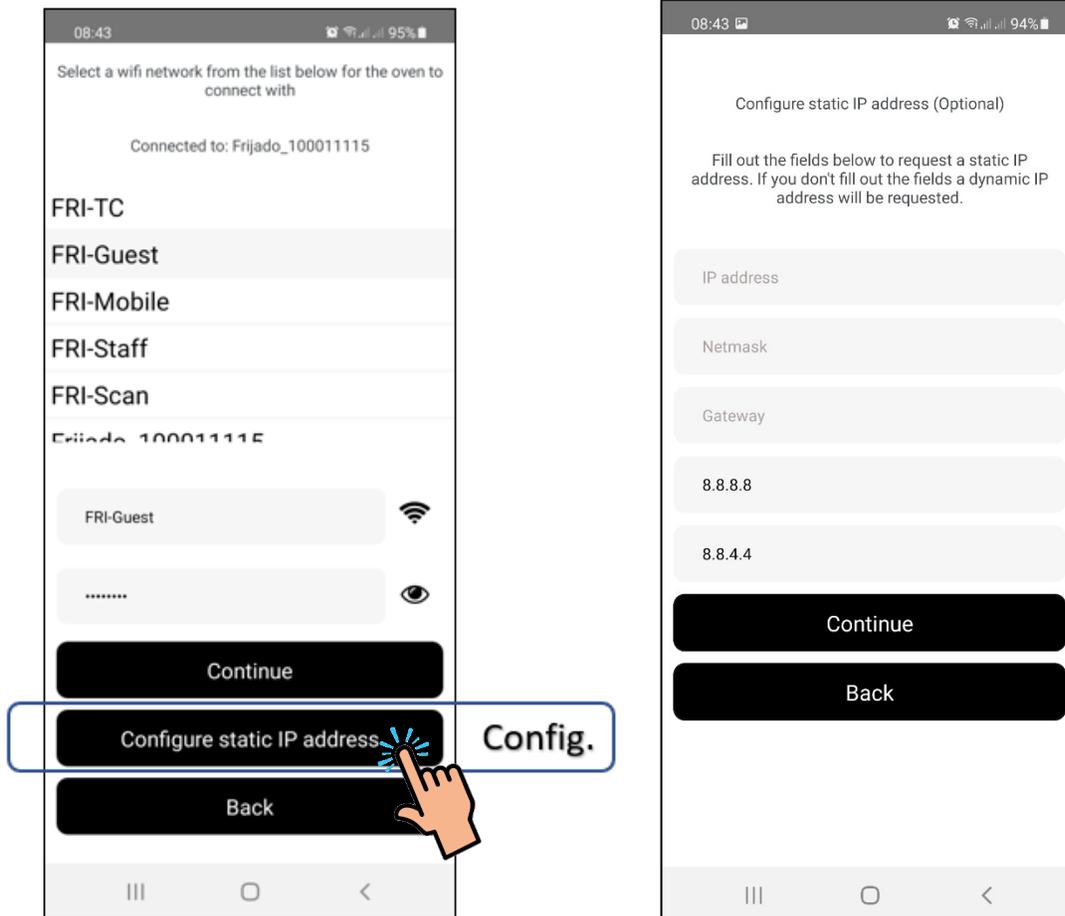
Note: If the connection was not successful repeat the complete procedure but first switch off and on the Oven and close/logout from the Fri-Jado connector app on the Smartphone.

6 Instructions for using static IP address



Follow the guidelines as described in chapter 'Getting Connected' until you reach the 'static Ip address' notification.

After you have entered the Wi-Fi name and password do **NOT** select Continue but select 'Configure static IP address' like shown in the left picture below.



After this you will see the IP configuration screen like shown on the right side picture above.

Fill in the IP static IP address you want to use together with the Netmask and Gateway numbers.

Typically looking like :

IP: 192.168.10.111
Netmask: 255.255.255.0
Gateway: 192.168.10.0

DNS and port numbers can be left default at: 8.8.8.8 and: 8.8.4.4 or also be specified by someone from IT.



Select 'Continue' and proceed where you left in the 'get connected' instructions.

7 Wi-Fi settings S controller

Below a list of the Wi-Fi related settings in the S controller with a short explanation of them:

Setting	Explanation
Wi-Fi smart Cloud	Option to enable a connection to the Fri-Jado Smart Connect website.
Wi-Fi RSSI	Shows the signal level of the Wi-Fi connection. Values are between -101dBm and -1dBm. In practice values are between -85dBm and -25dBm. A bad connection would give -85dBm, a very good connection would give -25dBm.
Wi-Fi Auto Restart	If you set a time of ≥ 5 minutes here, the machine will regularly check whether the Wi-Fi no longer receives messages during the set time interval. In case there was no communication during that time interval, the Wi-Fi communication will be restarted. This is intended to be able to automatically recover any loss of the Wi-Fi connection if there should be long-term problems.
Start Config	This allows you to force the machine to start a new cloud configuration. The old Wi-Fi access point data will be deleted at that time and after a few seconds a smartphone symbol will appear in the top right corner of the status bar on the screen. From the moment that smartphone symbol appears, the user can set the cloud configuration on the machine via the smartphone.
Reset Wi-Fi Chip	This option resets the Wi-Fi chip with an electronic reset signal and restarts the Wi-Fi communication in the software.