AH CS

Setup Guide

This guide is intended to help you set up your Automatic Handle Cleaning System (AHCS) device, connect it to the internet, and link it with your AHCS account.

Step 1: Power on AHCS in configuration mode

In this step, you will turn on the AHCS in configuration mode, where you can then edit its configuration settings.

1. Power off the AHCS if it is already on.
2. Find the configuration button located on the top right of the AHCS and hold it down.
3. While holding down the configuration button, power on the AHCS.
4. If successful, the front-facing LED should now be lit yellow.

Figure 1. Front of the AHCS with the front LED lit yellow

Step 2: Enter the configuration webpage

This step will show you how to connect to your AHCS device and how to access its configuration page.

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1. Once the LED is lit yellow, the AHCS will be hosting an Access Point (AP) through which you can connect to with any Wi-Fi enabled device with access to an internet browser (i.e. Chrome, Firefox, Safari).
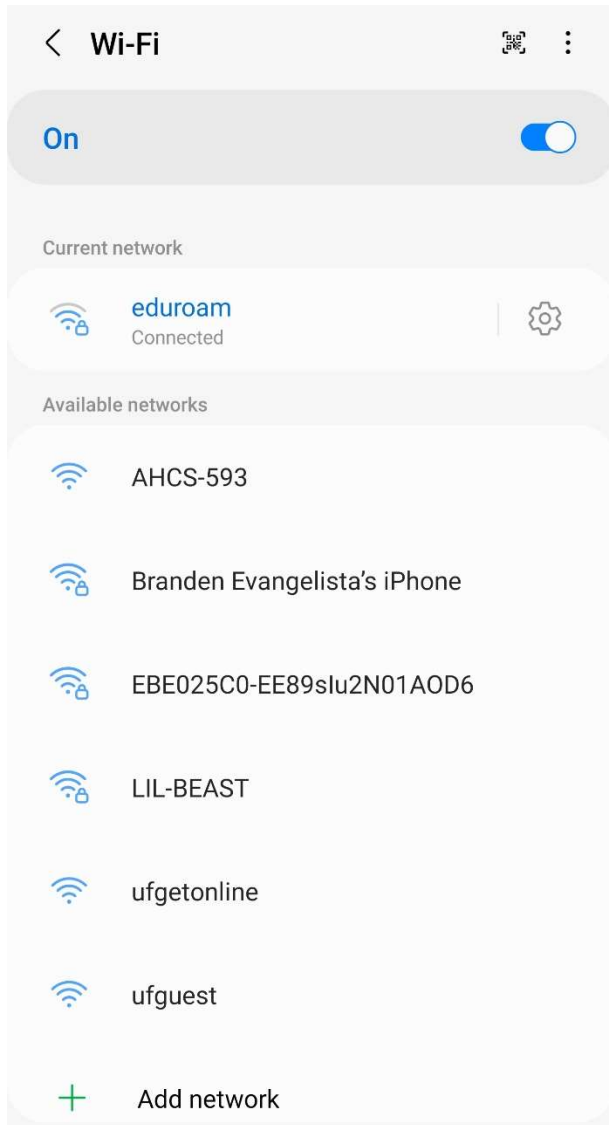

Figure 2. Wi-Fi connectivity page with the AHCS's access point listed
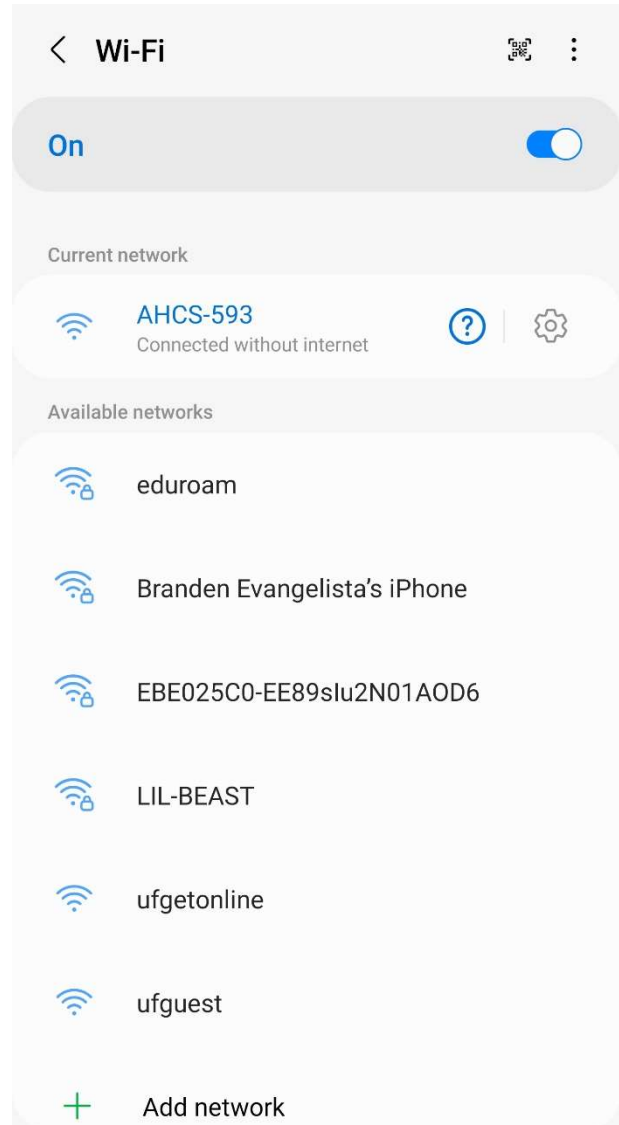

Figure 3. Wi-Fi connectivity page after connecting to the AHCS's access point

2. Connect to the AP named "AHCS-ID" where ID will be replaced with your device's ID number.

3. Once connected, your device might say that your connection does not have internet access, this is okay.
4. In a browser, enter the URL handlesetup.net and proceed to the webpage.
5. Once the page loads, you can continue to the next step.

Step 3: Edit your AHCS's configuration settings

In the configuration webpage, you can change the AHCS's Wi-Fi configuration and take note of its ID and registration code.

1. Configure your AHCS's Wi-Fi configuration under the Wi-Fi Configuration tab.
2. Current SSID and Security correspond to the current network the AHCS is connected to and that network's security settings.
3. Enter the SSID, security type, and password of the network you want to connect to and click 'Apply'. The Current SSID and Security variables at the top will then change.
4. Head to the Registration tab and take note of the Registration Code and Device ID as these will be needed for the next step.
5. Click 'Exit and Restart Device', the AHCS will then restart and attempt to connect to the Wi-Fi network it was configured to. This will take 15-30 seconds.
6. Upon successful connection, the AHCS's front LED will turn blue. If it cannot connect to the network, it will turn green. If the light turns green start again from step 1 and try again, making sure all the configuration settings were set correctly.
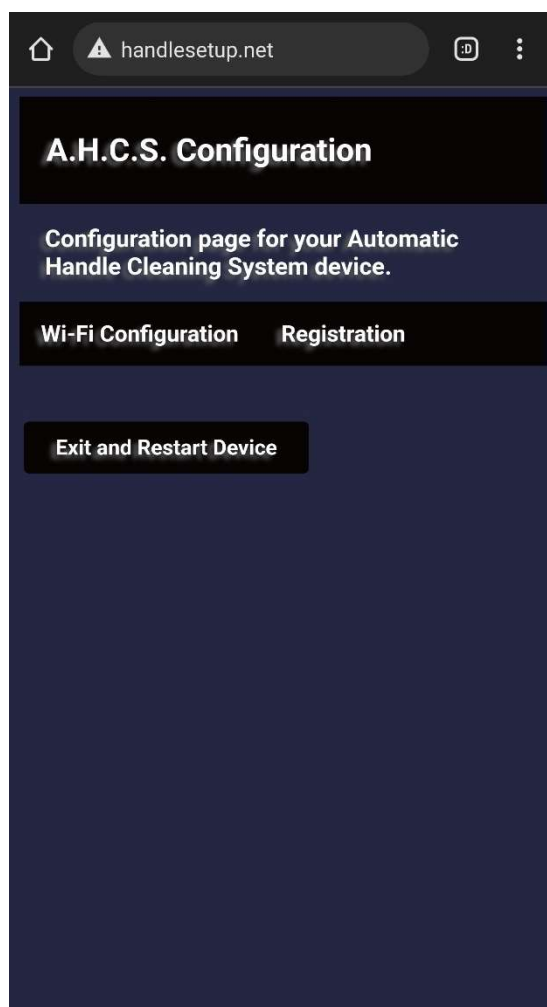7. If the LED is blue, continue to the next step.

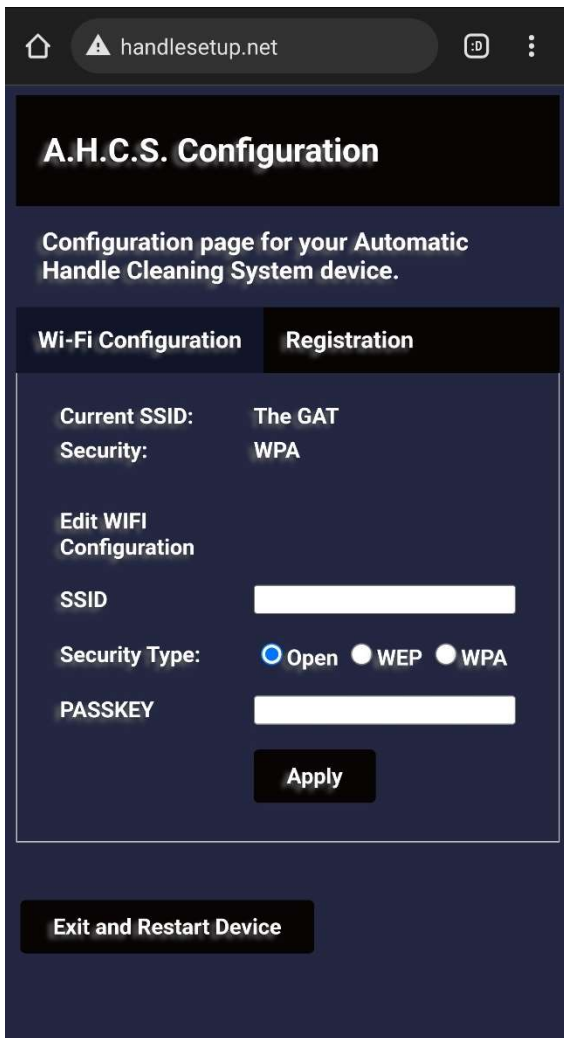*Figure 4. AHCS configuration webpage*
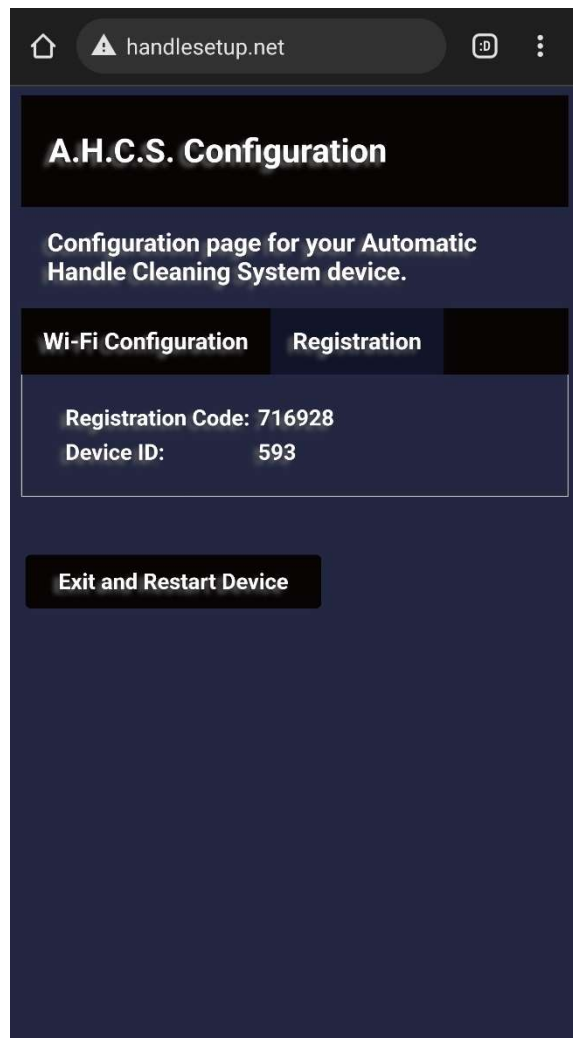
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Figure 5. Wi-Fi Configuration Tab

Figure 6. Registration Tab

Figure 7. Front of the AHCS with the front LED lit green

Figure 8. Front of the AHCS with the front LED lit blue

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Step 4: Link AHCS with account

Once the AHCS has connected to a network for the first time, you will be able to link the device to your account.

1. Go to the AHCS website at http://3.91.185.66/ and sign in to your account. If you do not have one, make sure to create a new account before continuing.
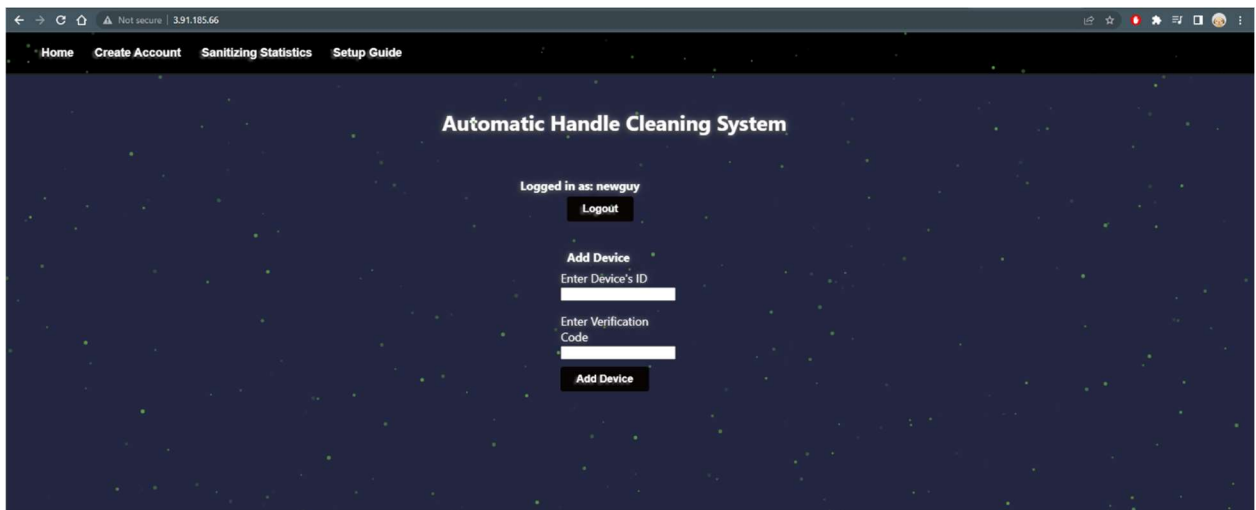2. Once signed in, navigate to the Add Device section on the homepage.

Figure 9. AHCS website's homepage once user is signed in.

3. Enter the AHCS Device ID and Registration/Verification Code from earlier and select 'Add Device'.
4. If successful, you will receive a prompt saying that the link was successful, if not, ensure you have connected your AHCS device to the internet at least once and you correctly entered the AHCS ID and Registration/Verification code.
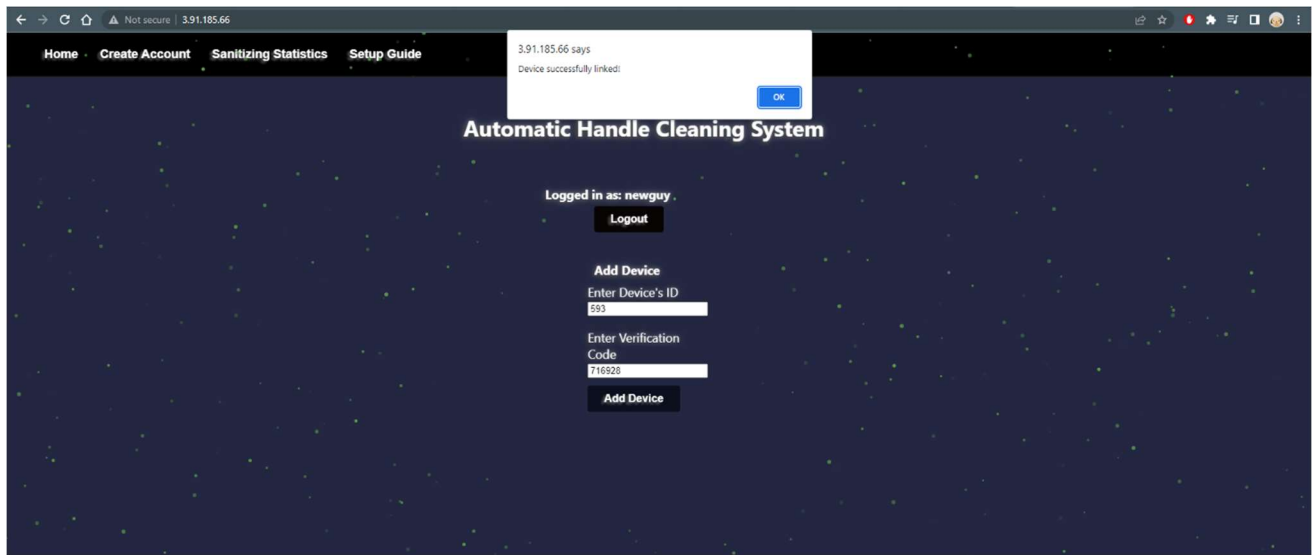
Figure 10. Prompt received after successfully linking device.

5. Congratulations! You have successfully connected your AHCS device to the internet and linked it to your account! You can now view the AHCS device's statistics and data on the 'Sanitizing Statistics' page.
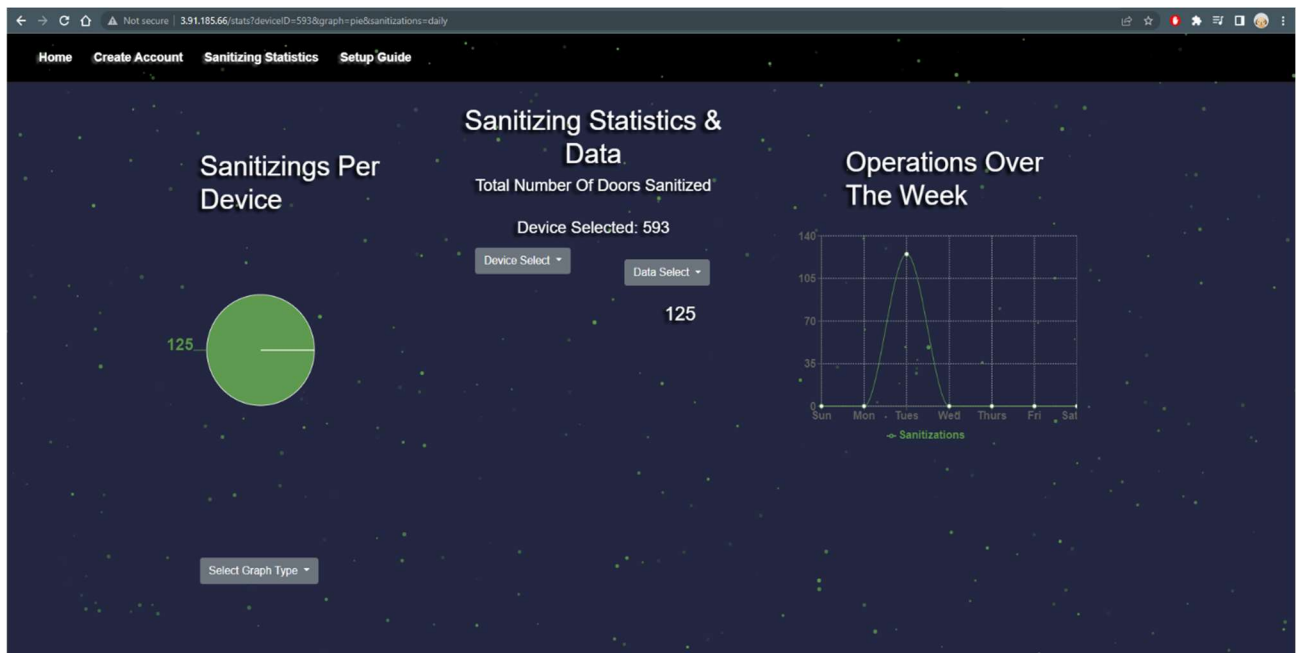

Figure 11. Sanitizing Statistics page with new device added.