

WiFi4EU | Free Public WiFi For Europe

Introduction

The WiFi4EU initiative is a European Commission initiative to provide free, high-quality Internet access across the European Union. Wi-Fi Hotspots will be installed by municipalities in all the EU member states and EEA countries in public spaces such as parks, squares, administrations, libraries and health centers.



These installations will be funded using vouchers provided by the European Commission, with each municipality eligible for one EUR 15,000 voucher, assigned on a first-come, first-served basis, until 2020.

More details about the program and an FAQ are on the EC website: <https://wifi4eu.eu>

Cambium Networks provides all the components for a successful install:



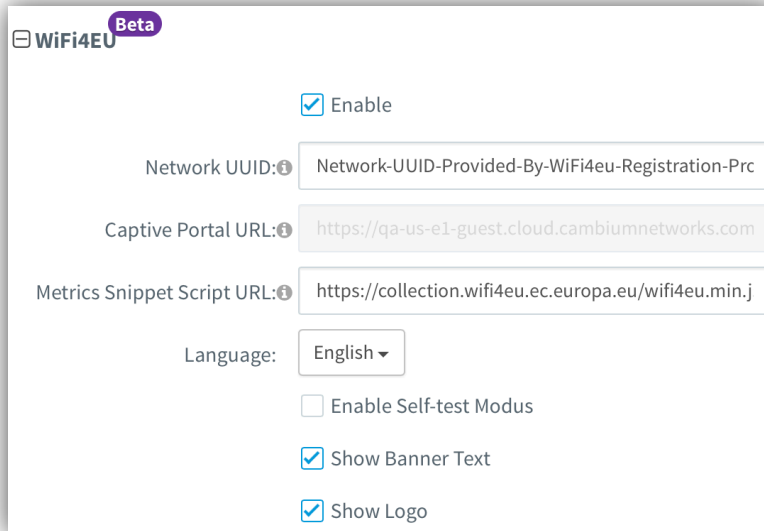
An installer can provide a municipality with reliable, affordable indoor and outdoor Wi-Fi coverage, as well as a captive portal compliant with WiFi4EU splash page and portal requirements with this solution.

Bring the network online in 4 easy steps

1. Create a WiFi4EU captive portal in cnMaestro
2. Register on EU portal and get a Universally Unique Identifier (UUID)
3. Update the captive portal in cnMaestro with the UUID
4. Zero-touch onboard cnPilot WiFi Access Points and take the network live!

Step 1: Create WiFi4EU Captive Portal in cnMaestro

Create a captive portal in cnMaestro, under **Services -> Guest Access Portal**. Set Access Type to **Free**, then on the Splash Page section Enable **WiFi4EU**:



WiFi4EU Beta

Enable

Network UUID:

Captive Portal URL:

Metrics Snippet Script URL:

Language:

Enable Self-test Modus

Show Banner Text

Show Logo

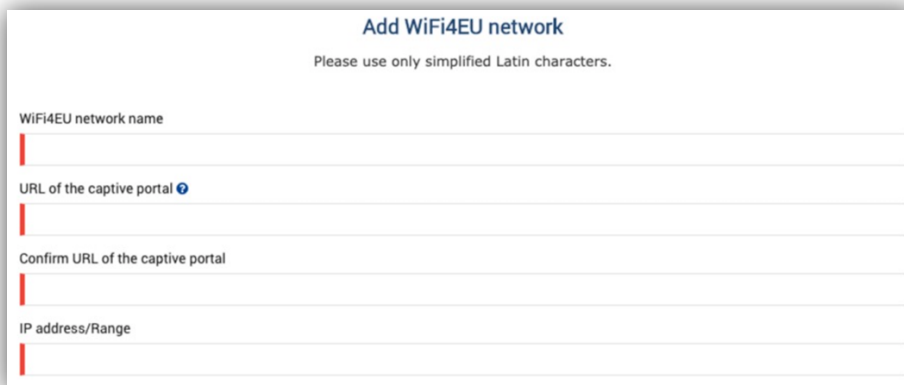
Set language appropriately, other fields can be left at default. From this page, copy out of the URL text shown in **Captive Portal URL**, we'll need this in the following step. *NOTE: the captive portal name should only use lower case characters and hyphens. Do not use other special characters such as underscore.*

Step 2: Register on EU Portal and receive a UUID

Register the installation the WiFi4EU portal at:

<https://wifi4eu.ec.europa.eu/#/home>

On the registration page, there are three fields:



Add WiFi4EU network

Please use only simplified Latin characters.

WiFi4EU network name

URL of the captive portal

Confirm URL of the captive portal

IP address/Range

The Network Name can be set to anything appropriate to describe the name of that network. The URL of the captive portal should be filled in as-is from the URL shown in cnMaestro when the WiFi4EU portal is created (What we copied in Step 1 above). The IP address should be set to whatever public IPs will be used by clients when they POST the snippet information to the EU metrics server. Some installations have multiple such WAN/public IPs and are for now using 0.0.0.0/0, but check with your EU Portal contact.

At the end of the registration you will receive a Universally Unique Identifier (UUID).

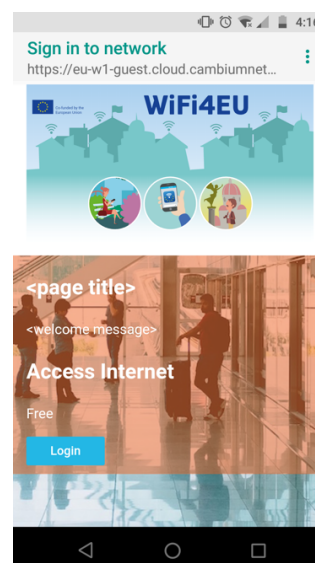
Step 3: Update cnMaestro with EU Portal UUID

Now we return to the captive portal splash page in cnMaestro, to the WiFi4EU section. Enter the UUID received from the registration, on the **Network UUID** textbox.

Step 4: Onboard cnPilot Wi-Fi Access Points

At this point the WiFi4EU specific configuration is done, and you can configure your WLANs and AP groups in cnMaestro and onboard access points to bring up the network.

Now if you log onto the WLAN with these settings, you should see a WiFi4EU splash page that looks like the following (laptop and mobile phone versions):



For more information:

<https://www.cambiumnetworks.com/resource/wifi4eu-brochure/>

<https://cloud.cambiumnetworks.com>