Captive portal software for UniFi

Summary of features:

The Art of WiFi captive portal software for UniFi networks offers the following features and functions:

- developed exclusively for the UniFi platform for tight integration
- is installed on a server under your control
- supports multiple sites
- guest login methods:
  - a fully configurable registration form to capture the following information:
    - first name
    - last name
    - postal code (with customizable validation rules)
    - email address
    - mobile phone number
    - up to 4 custom fields, each can be of type:
      - text field
      - numeric field
      - date field with date picker
      - dropdown field with configurable items
  - optional verification of the collected email address or mobile phone number by sending a one-time password (**OTP**) to the guest through email or SMS/text message
  - Facebook Login:
    - allow users to register by logging in with their Facebook account
    - optionally request the user to share a specified URL or Facebook page
  - Instagram Login
    - allows users to register by logging in with their Instagram account
    - optionally redirect users to your Instagram profile page after a successful login giving them the option to follow your Instagram account
  - Microsoft Azure AD Login
    - allows users to register by logging in with their Azure AD/Microsoft account
    - Single-tenant, Multitenant, and Personal Microsoft accounts are supported
  - Sponsored Access:
    - allows guests to request access, to be approved by a sponsor
    - confirmations are sent via email or optionally via SMS message
  - Manual authorization:
    - allows administrators to manually grant network access to devices based on MAC address with a custom duration and speed limits
    - allows approved devices to bypass the captive portal

- o UniFi Voucher Codes:
  - when enabled, users can also gain access using UniFi Voucher codes that were issued through the UniFi Hotspot Manager. All UniFi Voucher options are supported.
- store and process the collected information:
  - o optionally add the collected email addresses and names to a selected **Mailchimp** mailing after each successful registration
  - o optionally use one or more **Webhooks** for automated processing of the collected information in almost any 3rd party application (we recommend Zapier)
- supports functions for GDPR compliance when required
  - o options to enable the following:
    - require explicit acceptance of the Terms of Service
    - require explicit acceptance of the Privacy Notice
    - request marketing consent
    - allow users to connect without sharing their personal information
      - controls are available to define specific bandwidth limits for these "anonymous" users
      - controls are available to limit the number of anonymous connections a user is allowed to make within a specified timeframe (e.g. a maximum of 2 connections of 1 hour each, per day)
  - o ability to delete a registration with all related details and history from the captive portal and the UniFi controller
- various reports:
  - o guest logins overview and analysis
  - o user density heatmap
- a web-based backend to manage:
  - o captive portal settings per site
  - o captive portal styling (logo, background, colors, etc.) per site
  - o captive portal language strings per site (multi-language support)
  - o captive portal Terms of Service and Privacy Notice per site
  - o and export the collected guest information to CSV or Excel
  - o UniFi controller integration per site
  - o Facebook integration per site
  - o SMS Provider integration for SMS/text messages, per site
    - Twilio and most other SMS providers are supported
  - o Mailchimp integration per site
  - o Webhook URLs per site
  - o the data retention period per site
  - o admin accounts and assigning them to one or more sites
  - o the theme used for the management back-end as well as the logo can be configured on a per-site basis

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License costs:

The **one-time license** fees for the captive portal software depend on the maximum number of captive portal sites you wish to manage;

single-site	**USD 695.00**
2 sites	**USD 1,095.00**
5 sites	**USD 1,595.00**
10 sites	**USD 1,995.00**
20 sites	**USD 2,995.00**
20 sites+	upon request

Note: each captive portal site is connected to its own unique UniFi site, each UniFi site can be managed on a different UniFi controller.

The license is **perpetual** and is granted for a single web server, no recurring fees are required.

License upgrades:

The costs to upgrade from one volume tier to another, are equal to the price delta with the addition of an administration fee of **USD 45.00**. Please note that a license upgrade does not extend your current warranty period.

Customizations:

We can use this captive portal software to implement any custom requirements you may have which shortens the development cycle and delivers a solution with a robust foundation.

Payment terms:

The costs exclude sales taxes, if applicable, sales taxes are added to the invoices. Of the total costs, 60% is to be paid in advance through PayPal, Credit Card, or international bank transfer, and 40% is to be paid upon acceptance. Each stage is invoiced separately.

The costs include a warranty period of 6 months and 1 hour of installation effort to install the software on a server instance managed by yourself.

Installation pre-requisites:

A preferably dedicated (virtual) server for us to install the software on. The server must meet the following minimal requirements:

- Linux-based operating system (Ubuntu 22.04 is preferred)
- PHP version 8.1 or higher is recommended
- at least 1GB of RAM
- at least 20GB of free disk storage
- can for example be an AWS t2.small EC2 instance or a basic DigitalOcean Droplet
- a user account with *sudo* permissions is required during the installation process

The final sizing of the server may need to be adjusted to match your specific requirements.

Your UniFi controller(s) should be at a recent **stable** release which can be version 5.10.X, 5.12.X, 5.14.X, 6.X.X, 7.X.X (7.4.162 has been confirmed), and be reachable from the captive portal server through port 8443 or 443 for UniFi OS Consoles.

Delivery:

The delivery consists of the installation of the software on the server provided by you.

Warranty:

We provide a warranty period of 6 months starting upon acceptance, to cover any defects that may arise in the software. After the warranty period expires support can be obtained on a time and material basis or through an optional support subscription.

Optional support subscriptions:

To receive support after the warranty period we offer **optional** support subscriptions at 17% of the license costs per year. A support subscription offers the following:

- email support
- bug fixes
- new releases, installed once every 3 months as required

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Appendix: captive portal solution screenshots

The default captive portal splash page at iPhone 6 resolution, demonstrating multi-language support and required acceptance of the Terms of Service and the Privacy Notice:
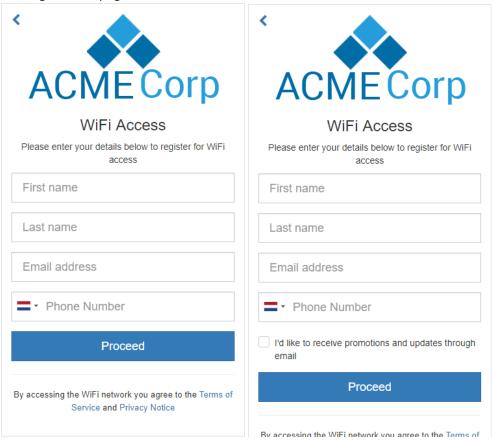
At iPad resolution:

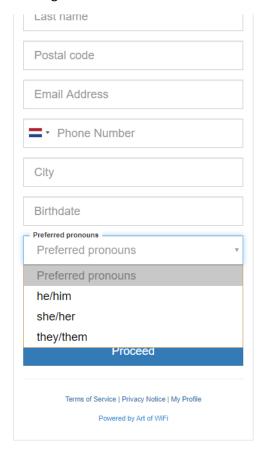# Captive portal software for UniFi

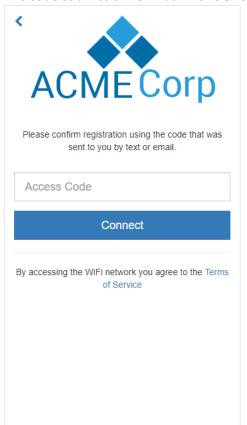The registration page at iPhone 6 resolution:

The registration form with several custom fields added:
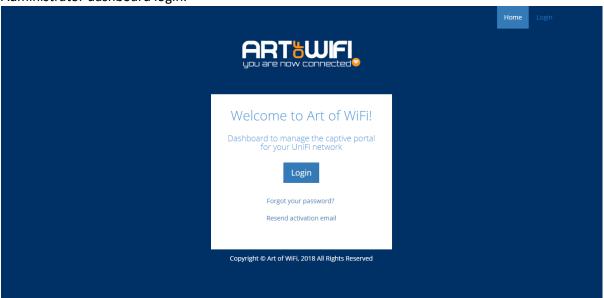
The code submission form at iPhone 5 resolution:

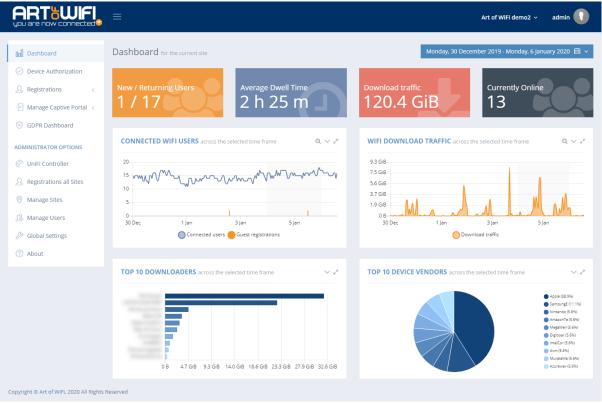The results when a guest/patron used the Facebook share option:

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Administrator dashboard login:

The main dashboard page and menu options for a global administrator:

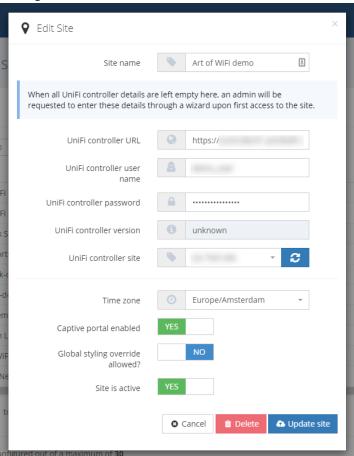# Captive portal software for UniFi

Overview of guest registrations:

User density heatmap:

Manage sites:

Manage administrator accounts and assign them to one or more sites:
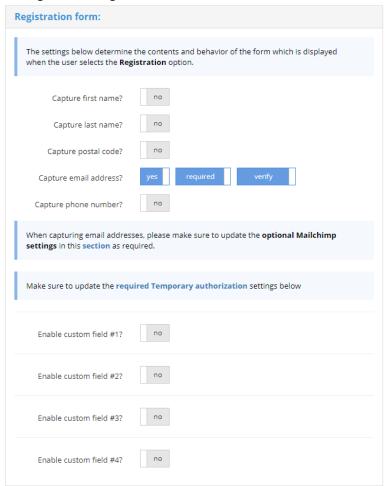
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Main configuration page for the captive portal:

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Settings for the registration form:

Registration form:

The settings below determine the contents and behavior of the form which is displayed when the user selects the **Registration** option.

Capture first name?	no
Capture last name?	no
Capture postal code?	no
Capture email address?	yes required verify
Capture phone number?	no

When capturing email addresses, please make sure to update the **optional Mailchimp settings** in this **section** as required.

Make sure to update the **required Temporary authorization** settings below

Enable custom field #1?	no
Enable custom field #2?	no
Enable custom field #3?	no
Enable custom field #4?	no

An example custom field asking the guest for their preferred pronouns:

Enable custom field #4?	yes required
Field type	Dropdown field
Dropdown options	× he/him × she/her × they/them

An example custom field asking the guest for their birthdate with a minimum age of 18:

Enable custom field #3?	yes required
Field type	Date field
Date format	mm/dd/yyyy
Date input mask	mm/dd/yyyy
End date	-18y
Date selector language	English

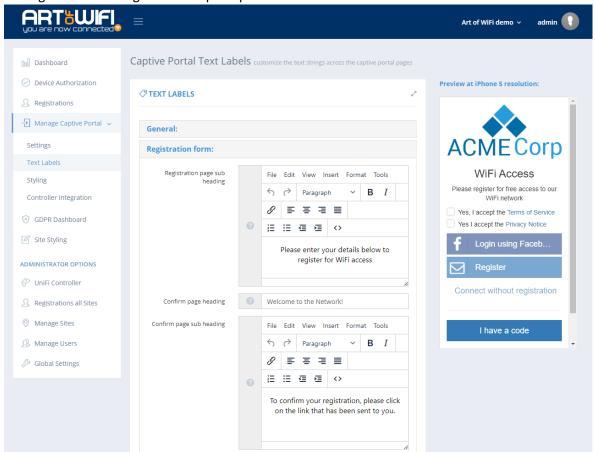# Captive portal software for UniFi

Configure the logo, background, styling options, and custom CSS for the captive portal:
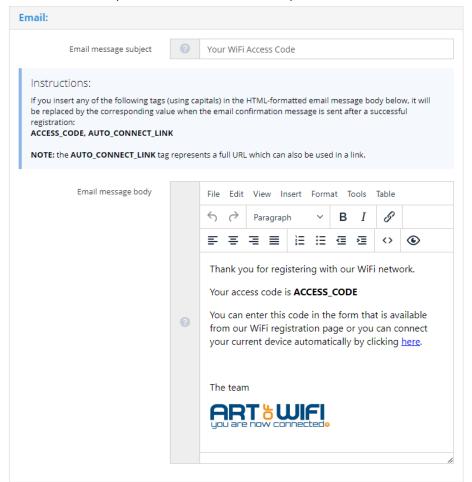

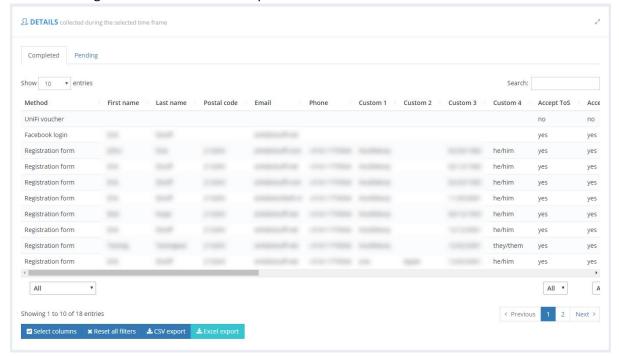Manage the text strings for the captive portal:

Edit the email template to send out a one-time password to the user after their registration:

A list of the registration details with the option to download them to CSV or Excel:

Manage and test the Webhooks: