

swidch

# OTAC auth Server Install Guide



**V 2.0.0**

**swidch Ltd.**

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## Introduction

This document is intended for administrators who will be using the OTAC auth app available on the PLCNext Store and the mobile app on Google Play store and Apple Apple store. This mobile app works together with the backend OTAC service that typically protects web applications such as a PLC application. The mobile app generates a One Time Authentication Code (OTAC) which is the world's first one-way dynamic authentication technology that enables users to authenticate to PLC devices via their phone.

- **App Details:** Experience rapid and secure user/device authentication through OTAC's 8-character code.
- **Quick and Easy, No Registration:** Streamlined authentication without the hassle of sign-up or login processes. Your privacy is paramount; no personal information required.
- **Secure Authentication with OTAC Code:** Ensure robust security with time-sensitive OTAC codes. Safely access your accounts using a code that expires after a specific duration.
- **Manage Multiple Accounts Easily:** Effortlessly authenticate multiple accounts using a single OTAC auth app. Register and manage up to 20 accounts securely.

## Prerequisites

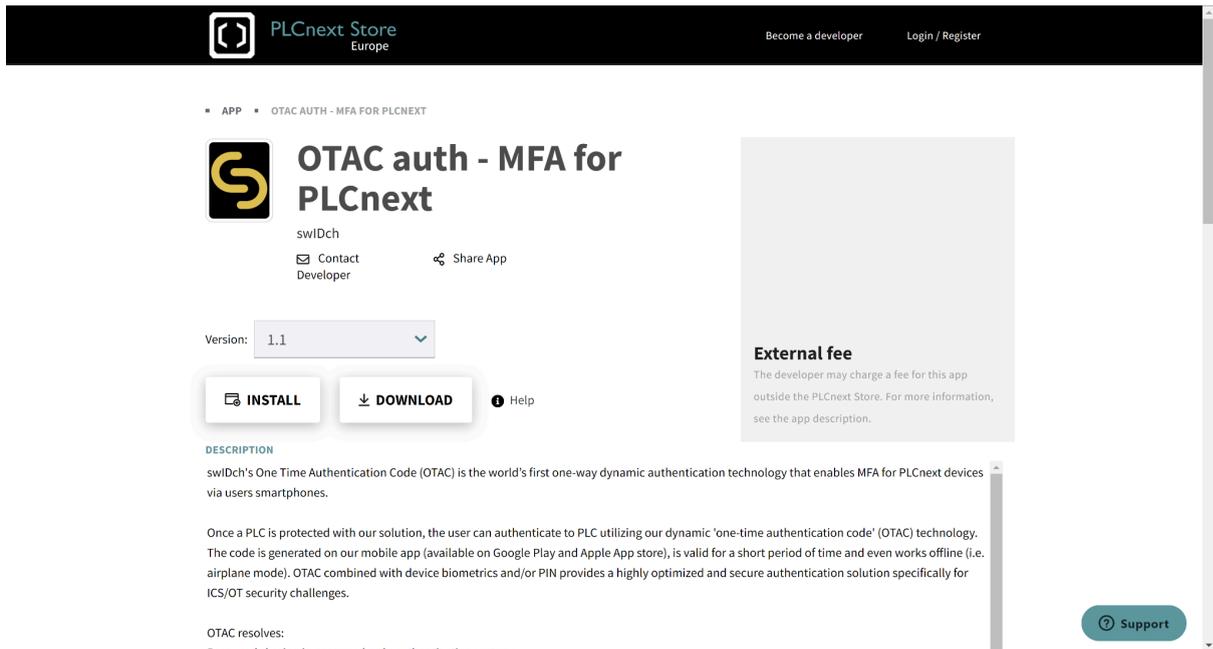
Before you can install the app from the PLCNext store you need to make sure:

- The firmware version is 2023.0.6 or above
- The date time and are set correctly on the PLC
- You have a license file available from swIDch.
- For a user to login, you need to make sure the same user does not exist in the PLC's WBM user management. The Auth Extension first checks if the user exists in the local WBM's repository and only if it cannot find the user, the authentication is redirected to OTAC auth service.

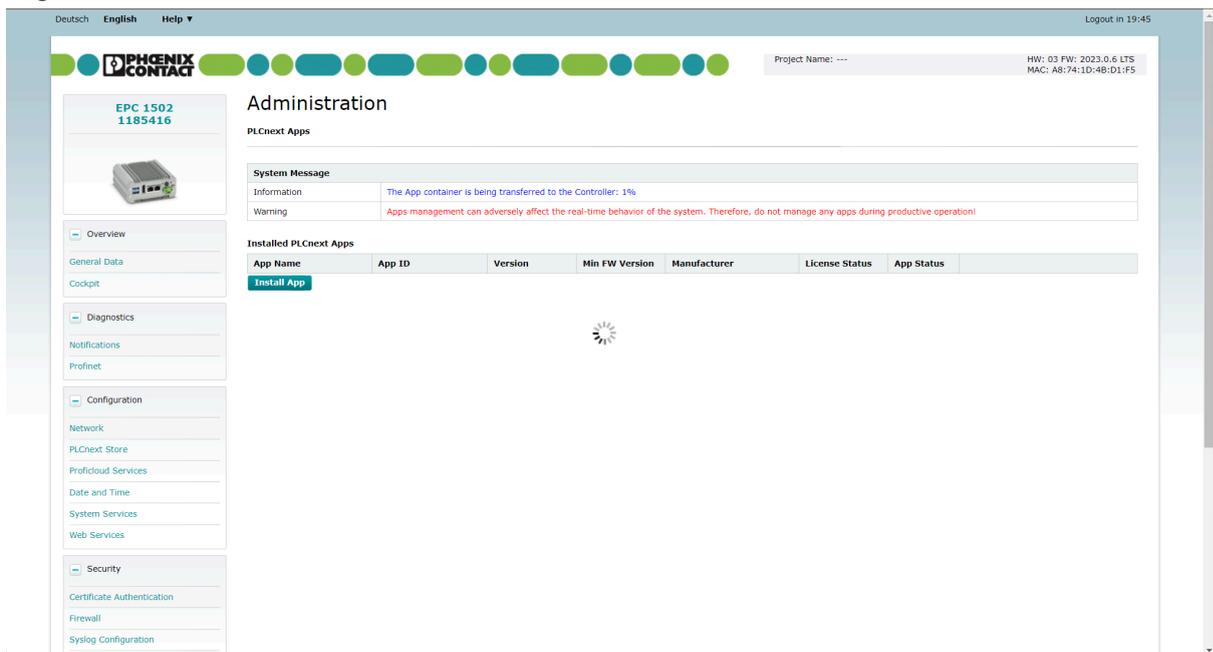
Please contact [license@swidch.com](mailto:license@swidch.com) to obtain a license file. You will need to provide us the hostid of the PLC which can be found on the Admin Portal under OTAC Management > License Management

## Installation

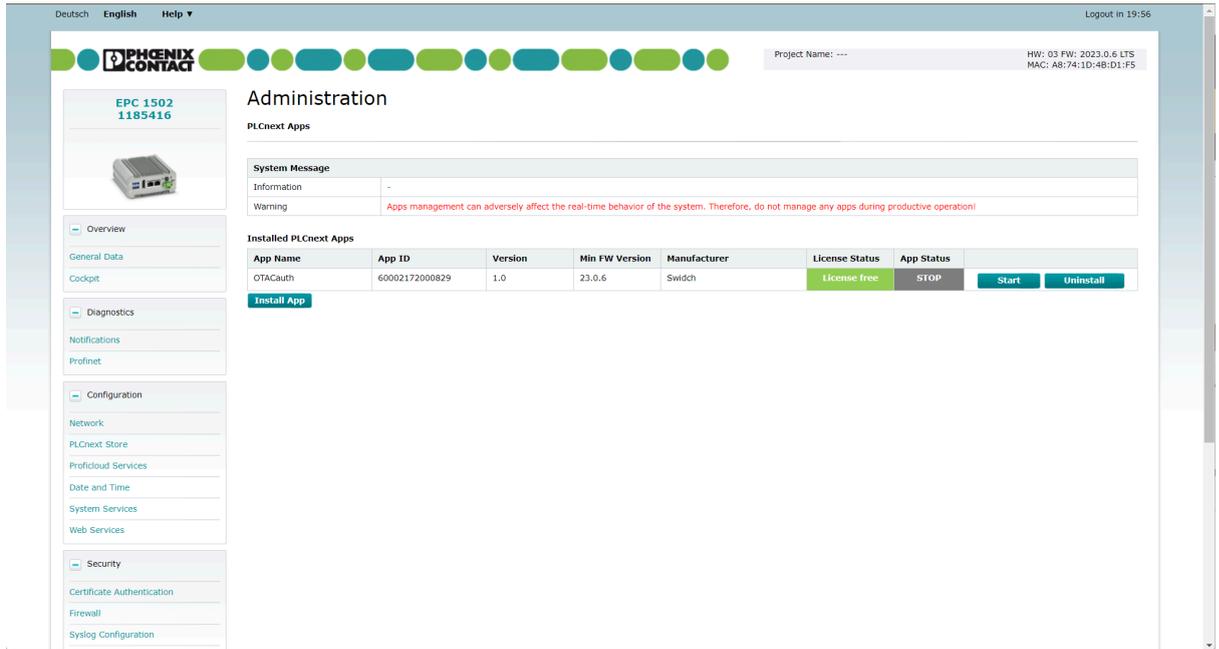
- Goto the PLCNext store and search for [OTAC auth MFA Server](#).



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- Click on Download to download the app file.
- Logon to WBM of the PLC



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- Navigate to Administration > PLCnext Apps and click on install app. Browse for the app file you downloaded from the store.
- The app will take a few minutes to transfer, after which click on start



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- Once the app is installed, the PLC will reboot.

## Logging into the Admin Portal

Once the PLC has rebooted, you should be able to access the OTAC auth Admin Portal



Admin ID

Admin password

**LOGIN**

OTAC LOGIN

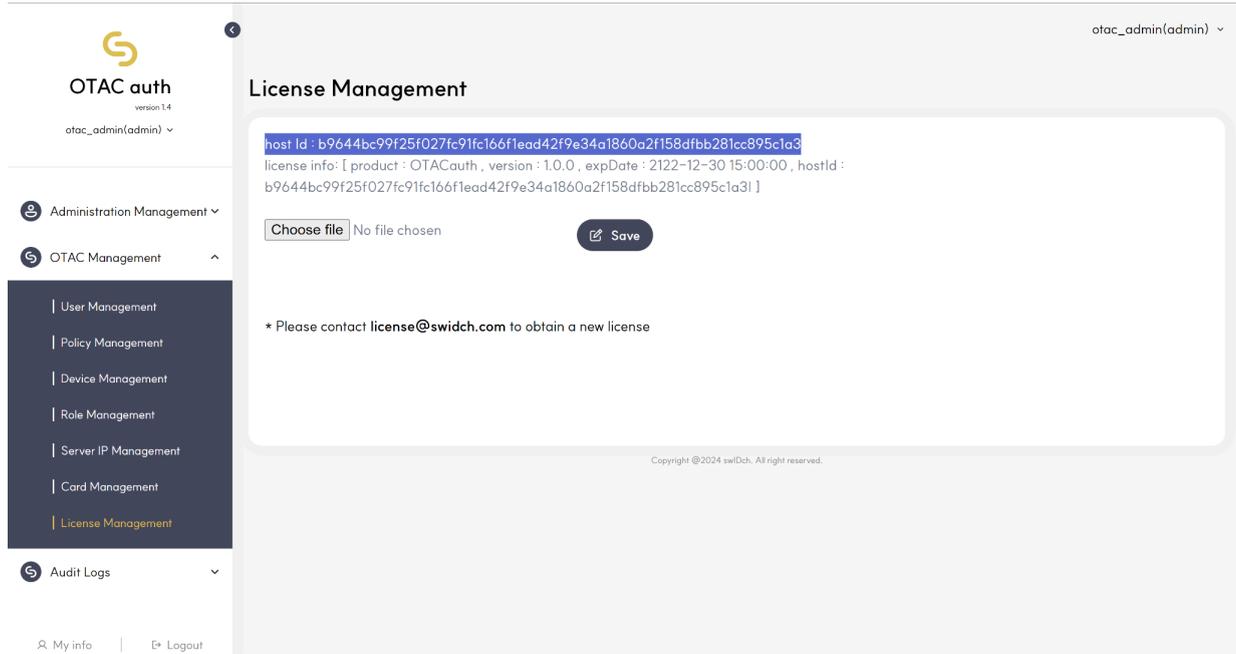
To log on as administrator on the default IP address goto <https://192.168.1.10:8443/otacadm> and follow these steps :

1. Admin ID “otac\_admin”
2. The password is “@TACaUth!12”

3. 'Login'. Press the button.
4. You will be prompted to change the password.
5. Please set a new password

## Applying the License

Once you have logged into the Admin Portal navigate to System Management > License Management



Please contact [license@swidch.com](mailto:license@swidch.com) to obtain a license file. You will need to provide us the hostid of PLC visible on this page above. Once you have received and applied the license, please reboot the PLC.

**Please Note:** Once the PLC has been rebooted, it may take up to 2 minutes for the OTAC service to start. If you uninstall the app and reinstall it, the hostid will change and you will have to apply for a new license.

The license is a one-time fee per PLC device, starting at £95 per PLC.

License is valid for the lifetime of the device, regardless of number of registered users or number of authentication requests. License is non-transferrable.

Maintenance is available at 20% per annum - covers software upgrades, patches and technical support.