QUICK START GUIDE
PASSCYPHER HSM PGP License
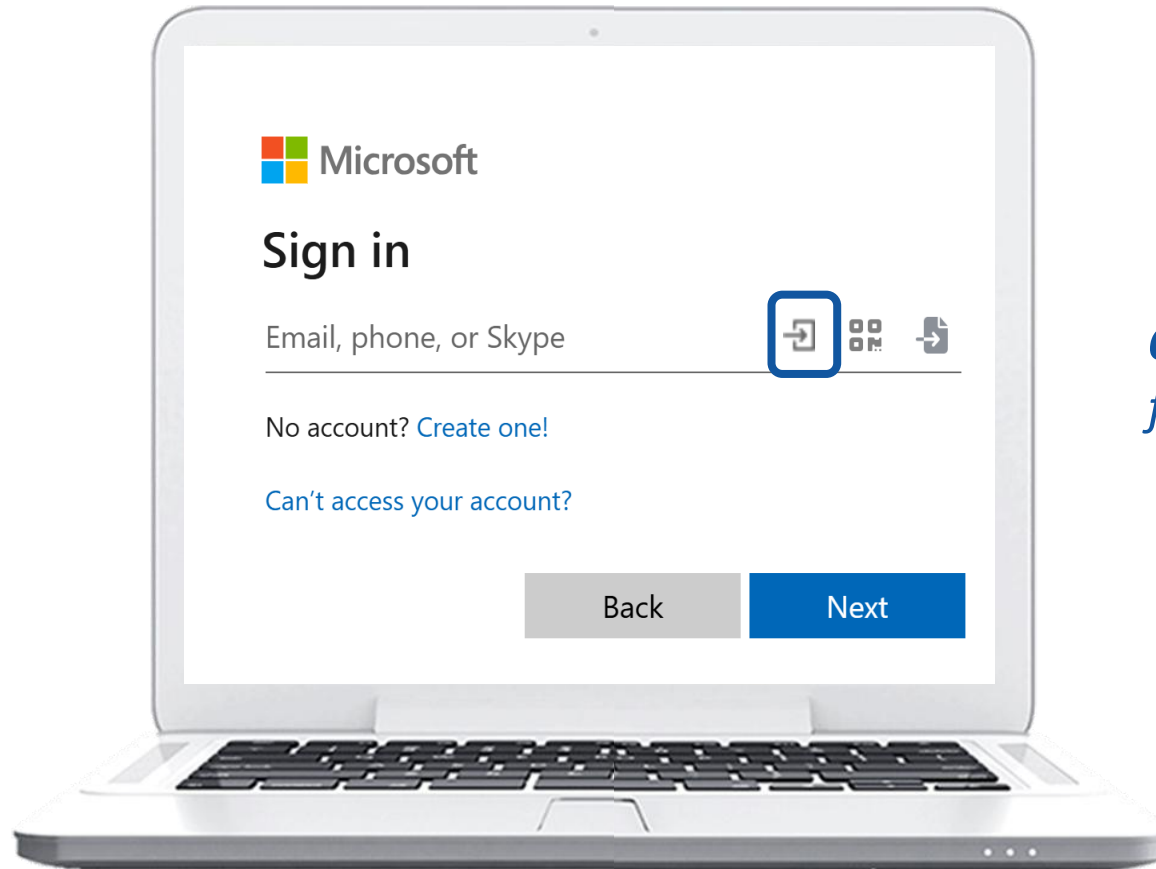### By Freemindtronic Andorra

Password manager with robust security

Serverless, Databaseless, without identication
« Zero Trust & Zero Knowledge »

INSTANT AUTOMATIC LOGIN

Microsoft

Sign in

Email, phone, or Skype

No account? Create one!

Can't access your account?

Back   Next

One click on the indicated icon, the fields are filled*, and the connection is established.*

CONTENTS

➢ Operating principle

➢ Installation of the PassCypher HSM PGP extension

➢ Purchase and activation of the paid license (PassCypher Engine)

➢ Creation of segmented keys

➢ Creation and backup of login credentials (encrypted containers)

➢ Random password generator

➢ TOTP/HOTP Key Management (2FA) **Innovation 2025**

➢ ONE CLICK Connection

➢ More features

HOW DOES IT WORK?

➤ **PassCypher HSM PGP** is a browser extension that allows instant automatic login.

➤ **A patented system of segmented key authentication** is implemented.

➤ You benefit from **maximum security** and **unmatched execution speed.**

➤ **Click on the icon** shown below in the "Identifier" field.

➤ The fields are filled, and the login is completed

➤ Remember to enable Auto Login* in the extension settings.

(*) Enable Auto Login

Click the « **Settings** » icon, then slide the « **Auto Login** » button to the right.

Slide 4
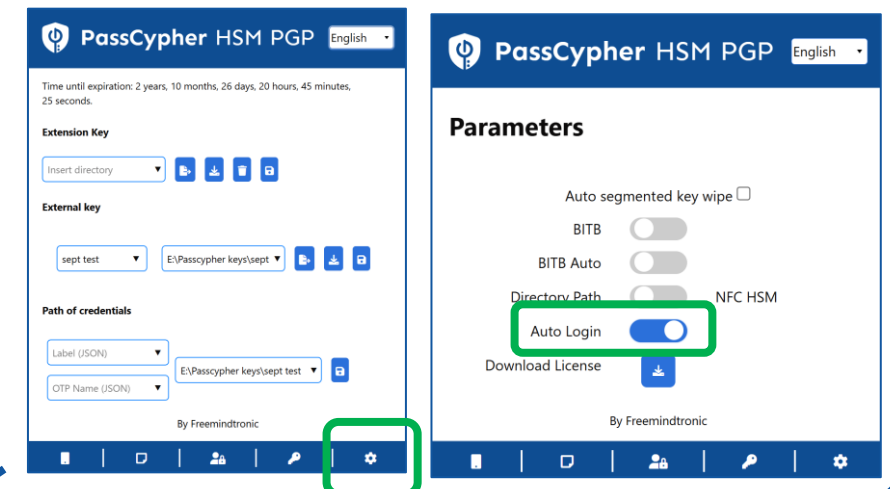
INSTALL THE EXTENSION

Download and install the PassCypher HSM PGP extension

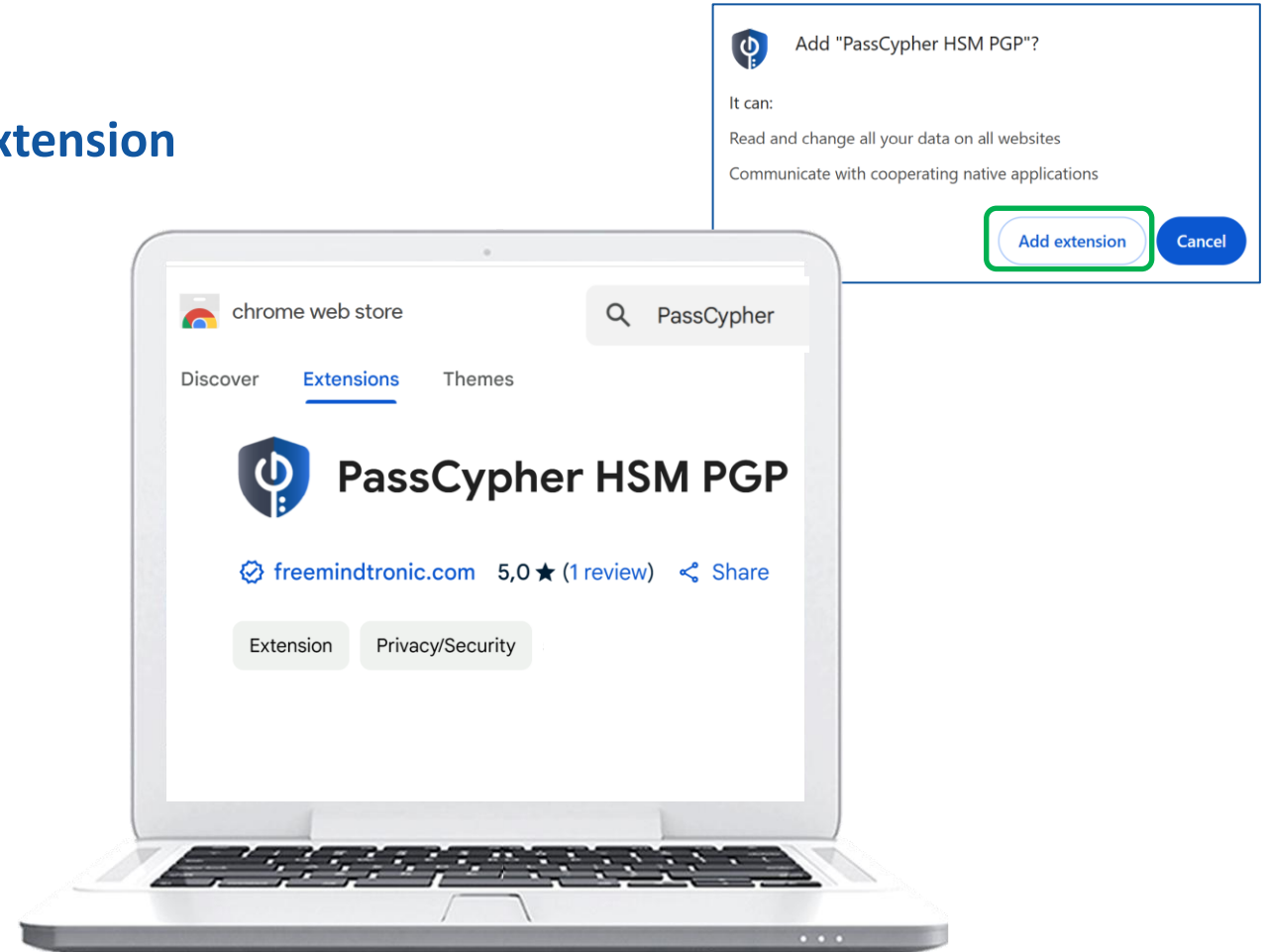**CHROME** : chrome web store

BRAVE : chrome web store

OPERA : chrome web store

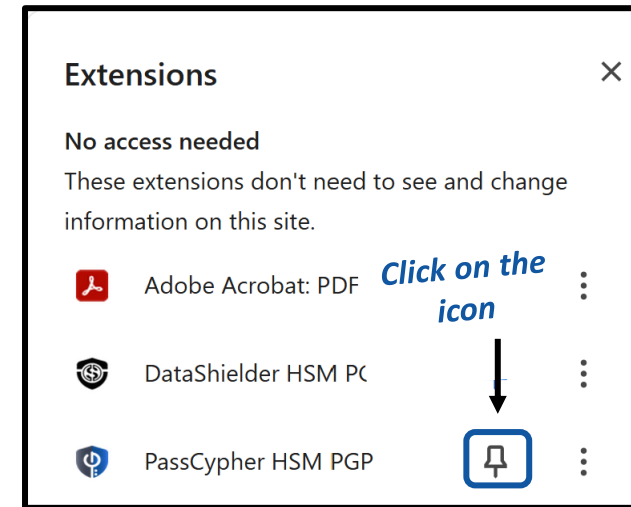**MICROSOFT EDGE** : PassCypher HSM PGP - Microsoft Edge Addons

FIREFOX : in progress

Add "PassCypher HSM PGP"?

It can:

Read and change all your data on all websites

Communicate with cooperating native applications

Add extension   Cancel

chrome web store   PassCypher

Discover   **Extensions**   Themes

PassCypher HSM PGP

freemindtronic.com   5,0 ★ (1 review)   Share

Extension   Privacy/Security

Slide 5

COMPLETE THE INSTALLATION

Click on this icon to access the extensions.

Extensions

No access needed
These extensions don't need to see and change information on this site.

Adobe Acrobat: PDF

Click on the icon

DataShielder HSM PC

PassCypher HSM PGP

Click on the PassCypher icon at the top right of your computer screen to open the extension.

MULTILINGUAL EXTENSION
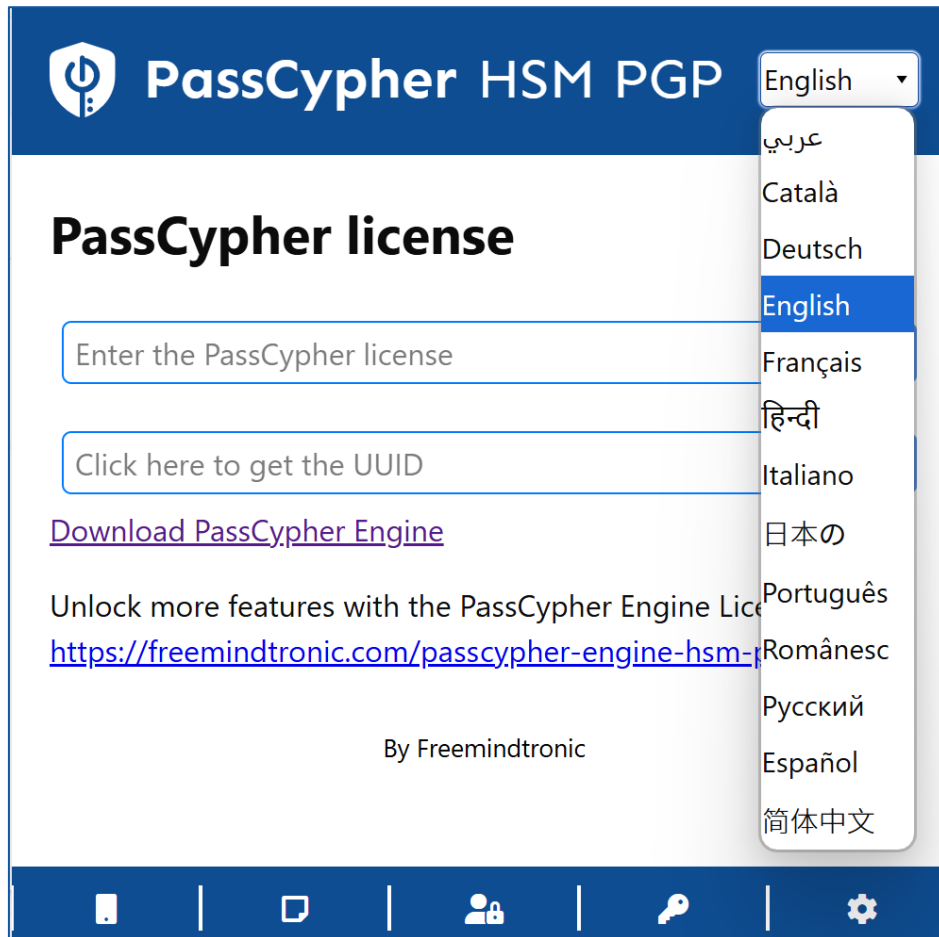
The PassCypher HSM PGP extension is translated into 13 languages: Arabic, Catalan, German, English, French, Hindi, Italian, Japanese, Portuguese, Romanian, Russian, Spanish and Chinese.

You can choose the language in which the extension is displayed.

PURCHASE THE LICENSE
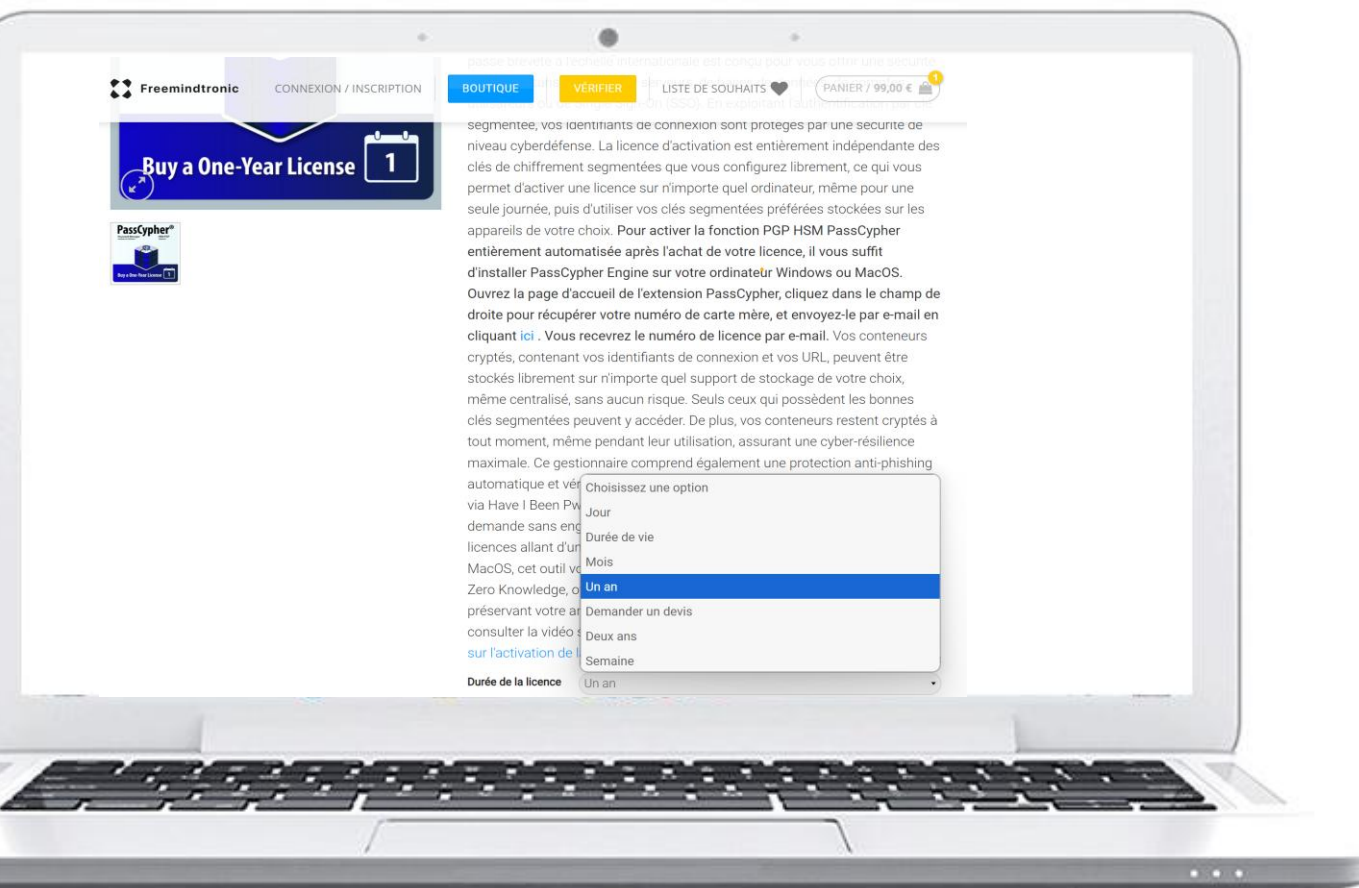
- ❖ Visit the FREEMINDTRONIC store

- ❖ Select **"PassCypher HSM PGP Password Manager"**

- ❖ Choose the option* that suits you best

- ❖ Proceed with the payment

- ❖ The next slide explains how to activate your license

(*) Note: There are several subscription options available: daily, weekly, monthly, or annually.

ACTIVATE THE LICENSE
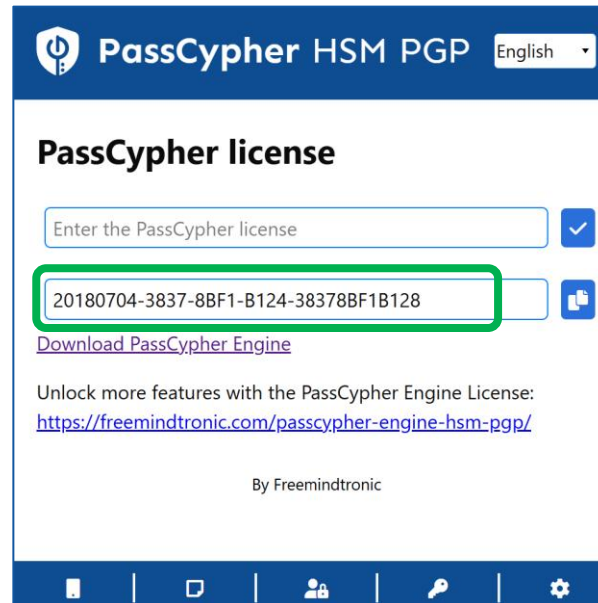
Click on "**Download PassCypher Engine**" and install the software (Windows or macOS)*****. Then click to obtain the **UUID of your computer.**

Send this number to **fullsecure [at] freemindtronic.com**

Copy/paste the license number received in return. Then click on the indicated icon to **activate the license.**
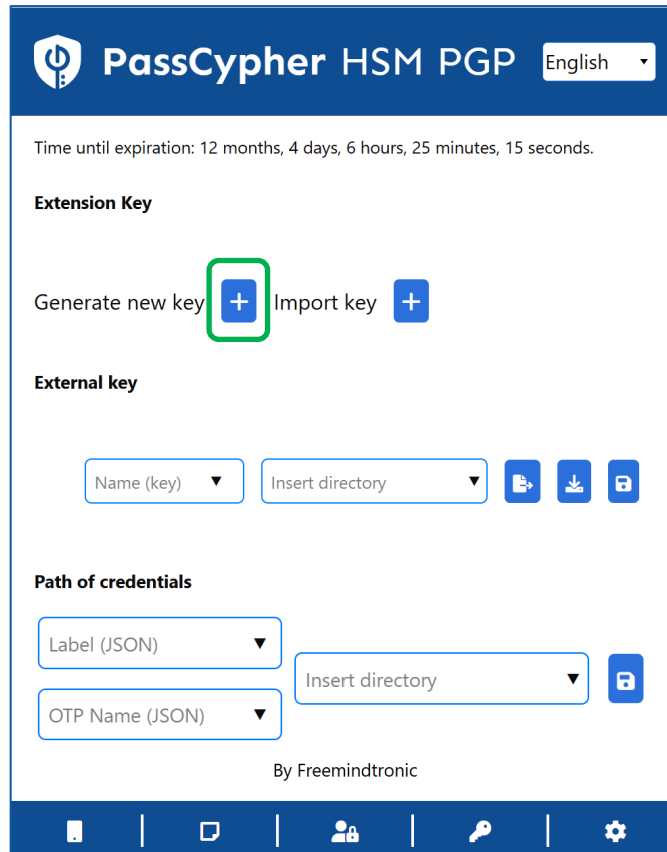
The license is activated. Its validity is displayed in real-time at the top of the page.

(*) Go to « **Download** Folder» and click on the file to install it

PassCypherEngine_1.3.0_x64 (3).exe

YouTube **Install PassCypher Engine**

Slide 9

CREATE YOUR SEGMENTED KEYS
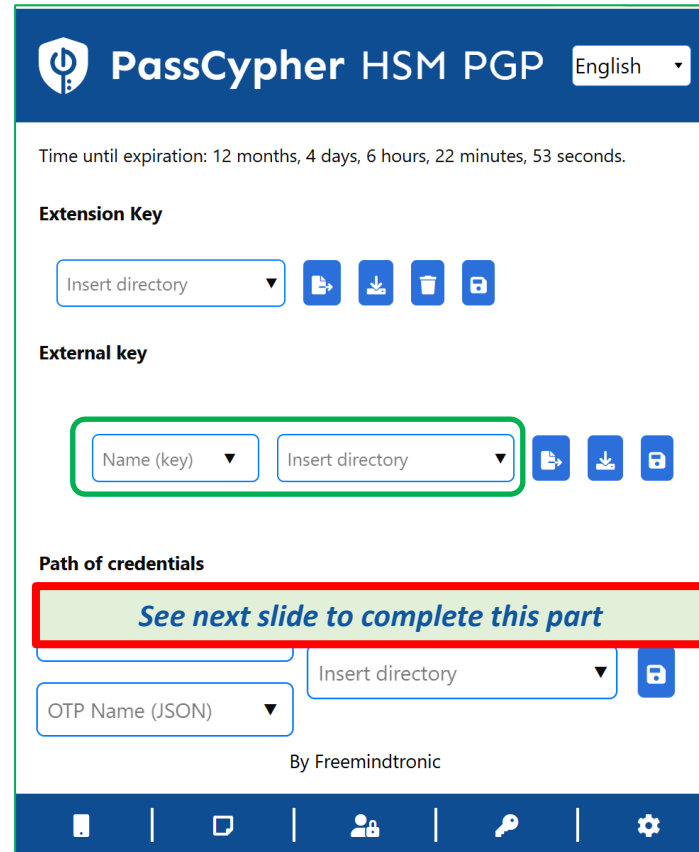
Click on the "+" symbol to generate an **extension key**. This key is saved in the local storage of your web browser.
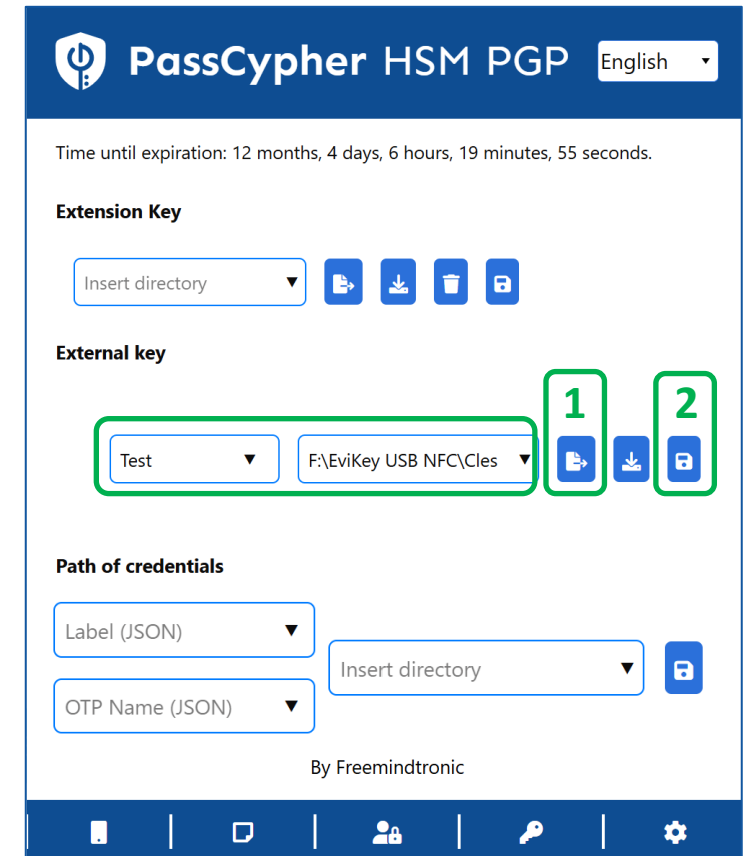
The extension key is created. You now need to create the **external key**. Assign a name to the key and insert the storage path. **It is recommended to use external storage (USB key, SSD, etc.).**

Click on the « **EXPORT** » icon [1] follow by the « **SAVE** » icon [2]. The external key « **Test** » is created and saved.

Insert the storage path*: detailed explanations in the next slide

INSERT THE ACCESS PATH

> ➢ **Choose** where you are going to **save your external key** (internal or external hard drive, USB key, etc.)

> ➢ Then provide the exact path of this location

> ➢ Below you will find out how to do this if you are using a **Windows or macOS** operating system.

> ➢ **Strictly follow the instructions mentioned.**

To ensure optimal security, if the external media is not available or connected to the computer, it will not be possible to access the external key.

Windows

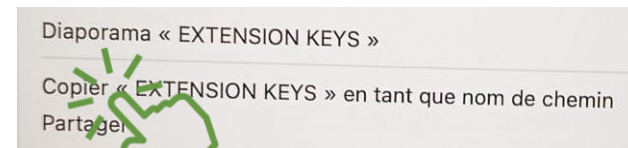Lecteur USB (E:) > Passcypher keys

E:\Passcypher keys

✂ Couper
📋 Copier
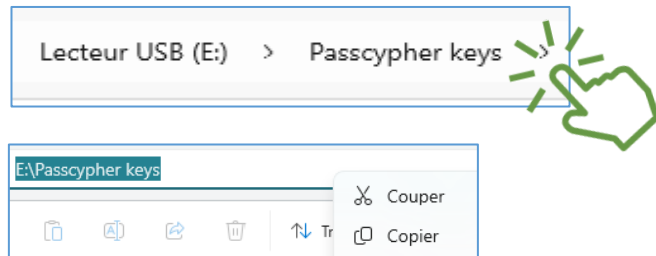
1. Create a folder [**here "PassCypher keys**] in your external media
2. Location is displayed
3. Click in the window, the path is selected
4. Right click, "Copy" button appears
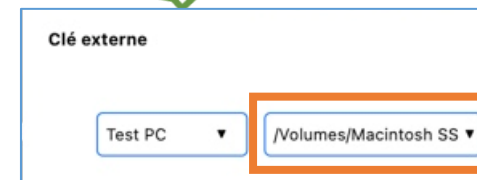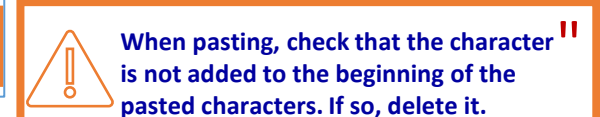5. Click "Copy" and paste into the extension without adding any other characters

macOS

< > Macintosh SSD - Data
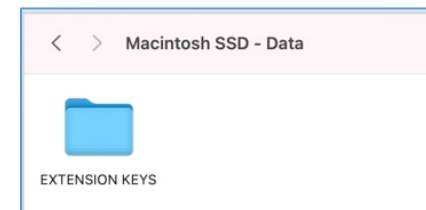
EXTENSION KEYS

1. Create a folder [**here "EXTENSION KEYS**] in your external media
2. Location is displayed
3. Hold down the "**alt or option" key** and right-click the mouse

Diaporama « EXTENSION KEYS »

Copier « EXTENSION KEYS » en tant que nom de chemin Partager

4. Click on « **Copy** »

Clé externe

Test PC ▼   /Volumes/Macintosh SS ▼

5. and **paste** in the extension without adding any other characters

⚠ **When pasting, check that the character " is not added to the beginning of the pasted characters. If so, delete it.**

CREATE YOUR LOGIN CREDENTIALS

Open the extension and **click on the indicated icon "EviPass"** to create your login credentials.

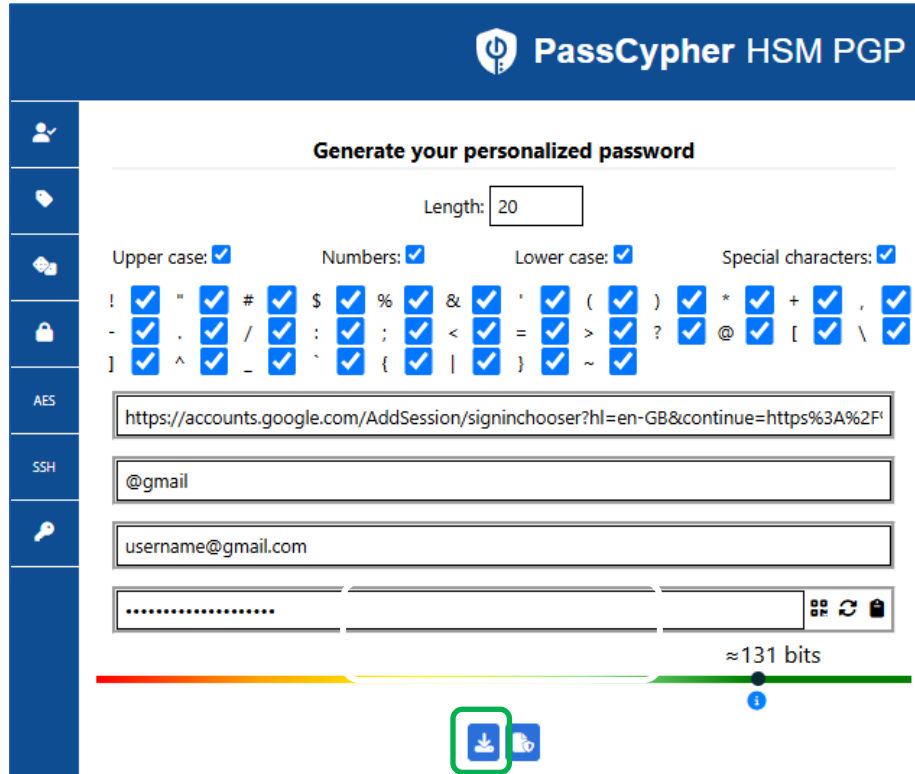**Fill in the required information**. To complete the URL, copy the information displayed in the browser's address bar (**see the example below**).
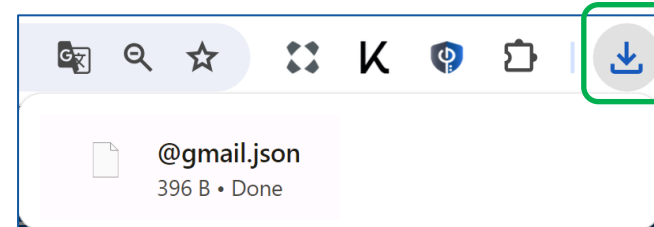
La force de votre mot de passe est calculée en fonction de la taille de l'alphabet qu'il utilise et de sa longueur. Plus la taille de l'alphabet et la longueur du mot de passe sont grandes, plus il sera sécurisé.

URL example = https://accounts.google.com/InteractiveLogin/signinchooser?continue=https%3A%2F%2Fmail.google.c…
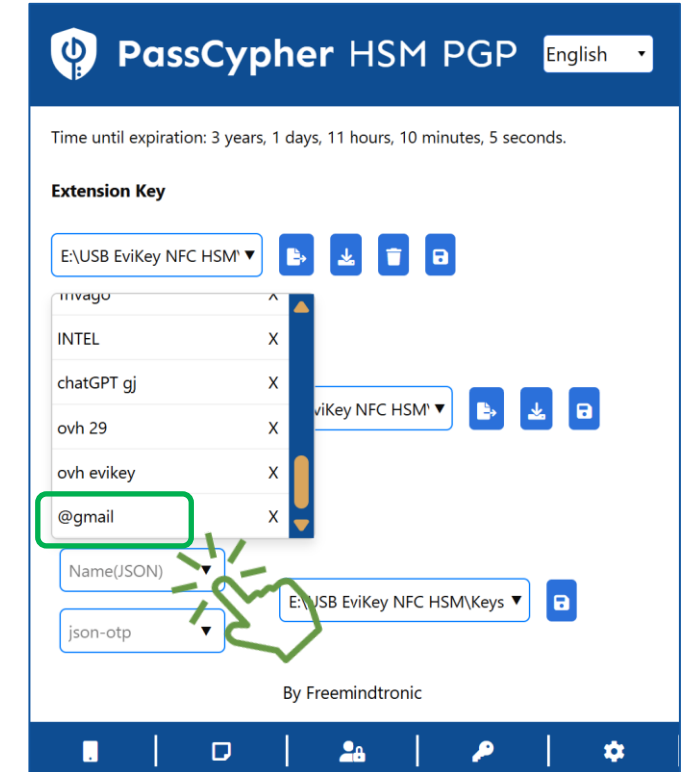
SAVE YOUR LOGIN CREDENTIALS

The file **@gmail.json** will be available in the "Downloads" folder of your computer.

Choose a folder to save your encrypted containers (.json files). It is recommended to use an external storage device for security reasons.
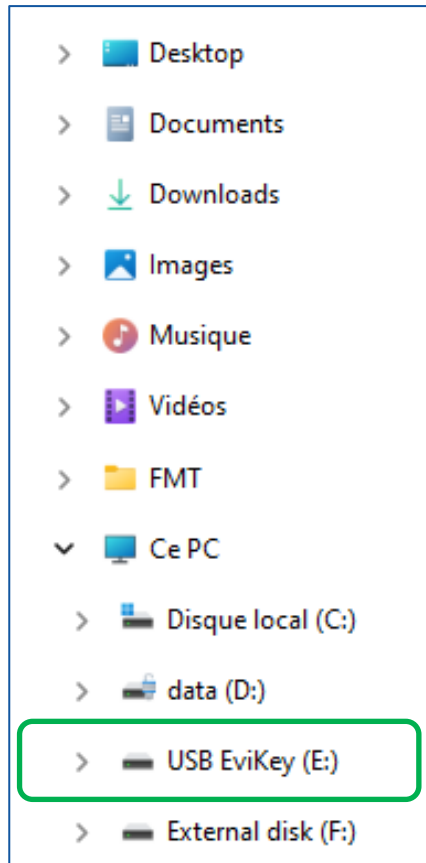
See the next page for details.

Click on the indicated icon to generate this credential.

The created « **.json** » file is automatically added in the extension to the list of all the created credentials

Remember to make regular backups to different media, including the cloud since your containers are encrypted.
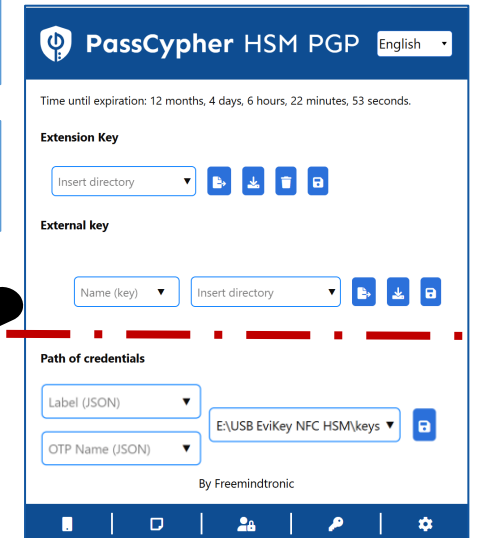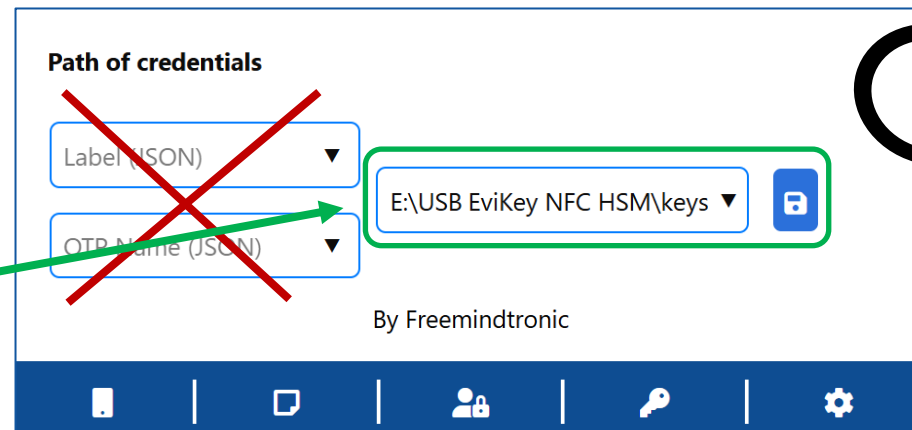
DETERMINE THE PATH TO SAVE YOUR LOGIN CREDENTIALS & OTP

It is **essential to specify the access path to your encrypted containers** (.json files) very precisely to enable automatic login for websites and messaging platforms.

Then, click on the "**Save**" icon to confirm.

To ensure optimal security, if the external media is not available or connected to the computer, it will not be possible to use encrypted containers.

Desktop
Documents
Downloads
Images
Musique
Vidéos
FMT
Ce PC
  Disque local (C:)
  data (D:)
  USB EviKey (E:)
  External disk (F:)

Path of credentials

Label (JSON)

OTP Name (JSON)

E:\USB EviKey NFC HSM\keys

By Freemindtronic

PassCypher HSM PGP English

Time until expiration: 12 months, 4 days, 6 hours, 22 minutes, 53 seconds.

Extension Key

Insert directory

External key

Name (key)   Insert directory

Path of credentials

Label (JSON)

OTP Name (JSON)

E:\USB EviKey NFC HSM\keys

By Freemindtronic

Slide 14

LOG IN NOW!

1. On your computer, open the website or email you want to connect to

2. Go to the login page [Username & Password]

3. Click on the icon 🔁 visible in the connection field

4. The fields are filled automatically and the connection is made (**if you have activated Autologin in the Extension Settings**)

Your password is verified. The green symbol indicates that it has not been compromised
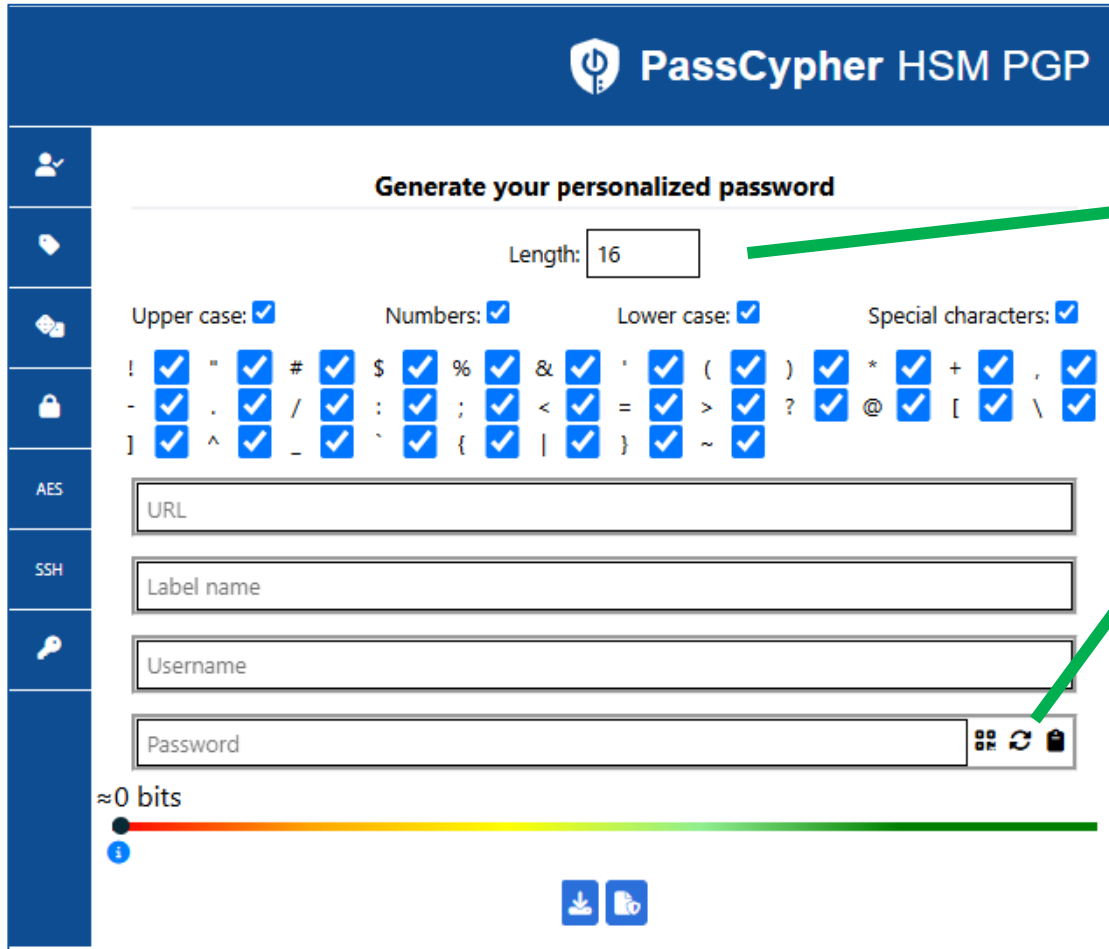
If this symbol appears, it indicates that your password is compromised. Change it!

AUTOLOGIN IN ONE CLICK!

Access your favorite messaging platforms or websites and enjoy a fast, secure, and automatic connection.

USE THE PASSWORD GENERATOR

PassCypher HSM PGP

Generate your personalized password

Length: 16
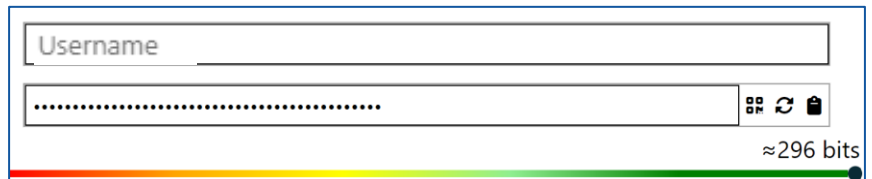
Upper case: ☑   Numbers: ☑   Lower case: ☑   Special characters: ☑

The default password length is 16 characters, but you can modify it in the window.

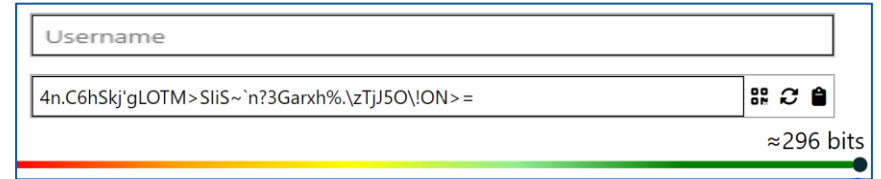Click to generate the password (example shown: 45 characters).

Hover your mouse over the field to view the password in plain text.

4n.C6hSkj'gLOTM>SliS~`n?3Garxh%.\zTjJ5O\!ON>=

≈296 bits

≈0 bits

MANAGE YOUR TOTP/HOTP (2FA)   1/2
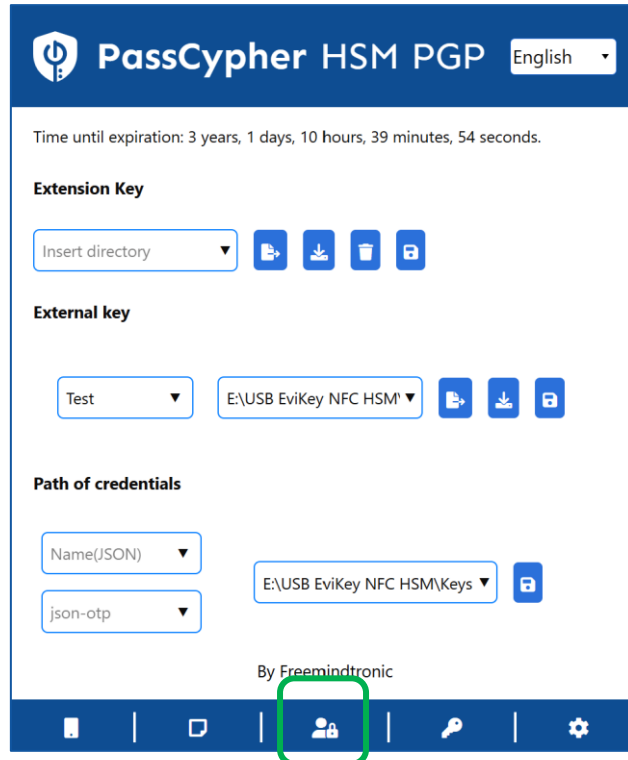
Open the extension then **click on the indicated icon** to manage your OTP

Click on « **OTP** ». A new window will open. **Drag and drop** the file or enable the **OTP scanner**
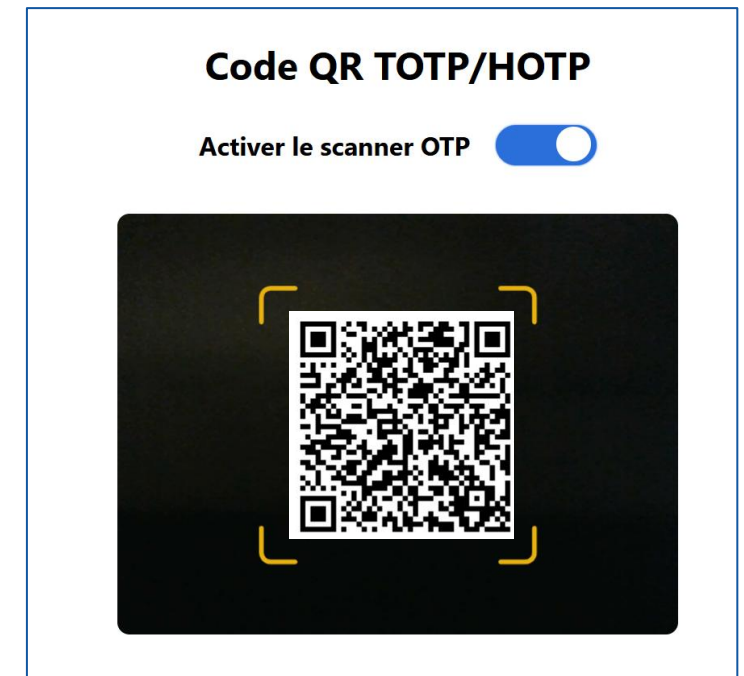
Position the **QR code to be scanned** in the camera field

Slide 18

Retrieve the file from your **Downloads** and place it in the **appropriate folder (see slide 15).**
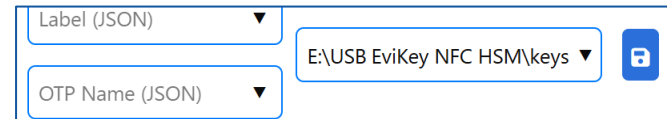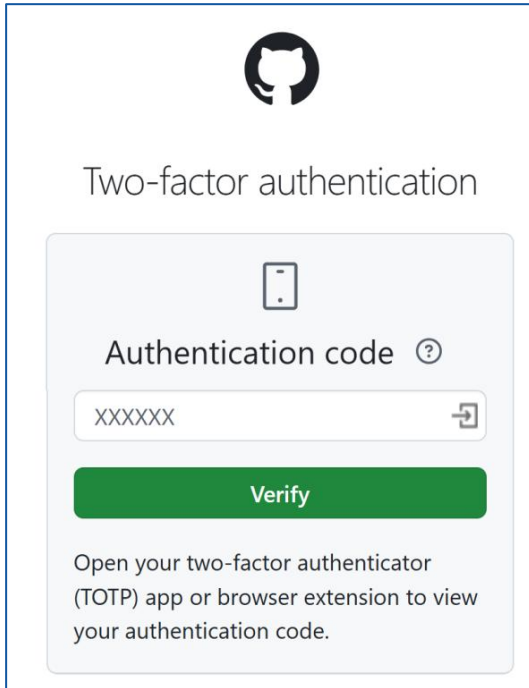
In this example, the file is saved in a USB stick

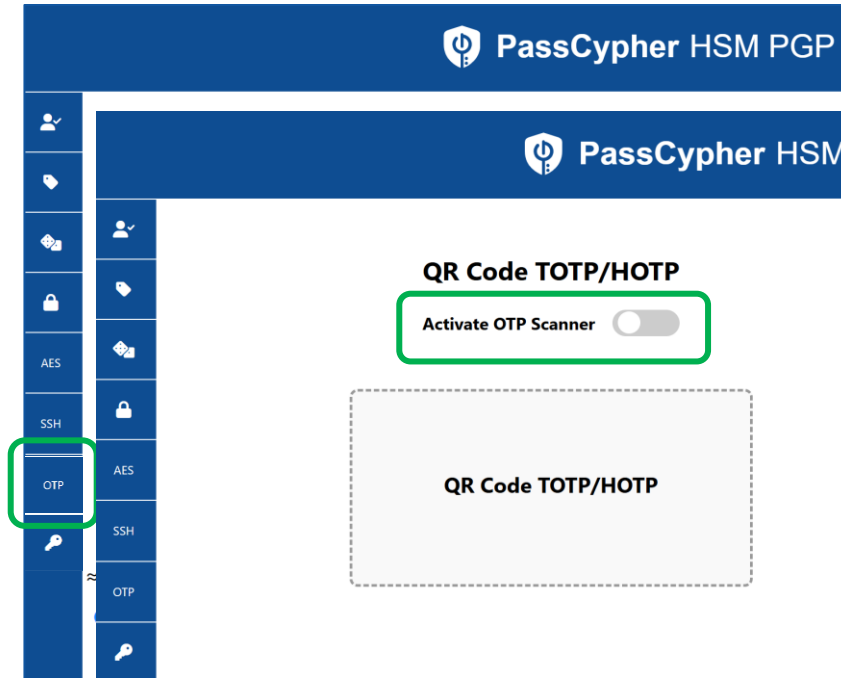The OTP type is detected. Give a name to this OTP code, enter the associated URL and click on the icon to generate a .json file
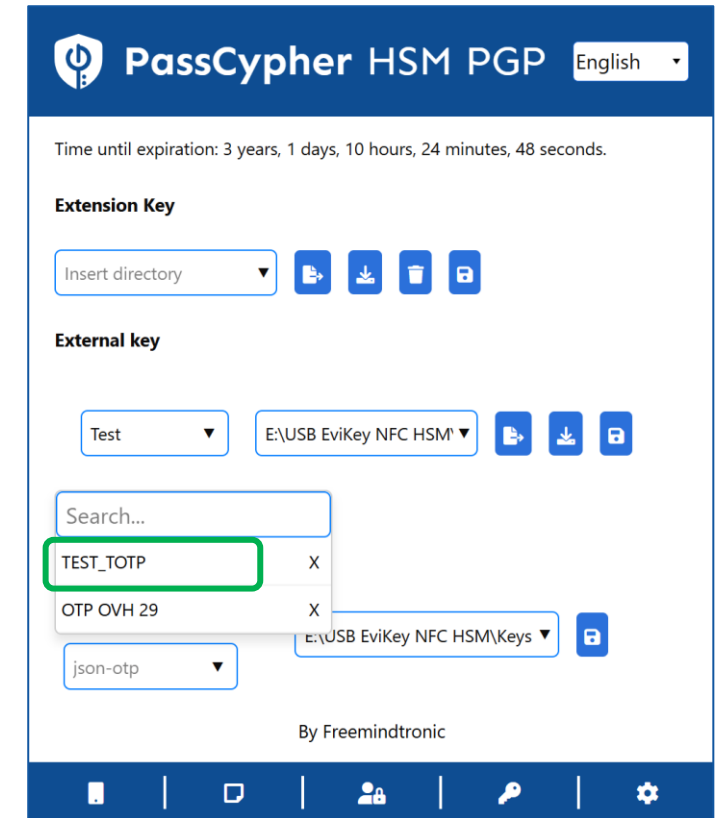
The created "**.json**" file is automatically added in the extension to the list of all created OTPs.

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AUTHENTICATE WITH OTP

If you have enabled two-factor authentication on a website, this is the type of page that you will see

Click on the indicated icon, the code will automatically be inserted into the field…

… and the connection is made

Slide 20

EVIPASS FUNCTIONNALITIES

PassCypher HSM PGP   English ▼

Time until expiration: 3 years, 1 days, 10 hours, 39 minutes, 54 seconds.

Extension Key

Insert directory ▼

External key

Test ▼   E:\USB EviKey NFC HSM' ▼

Path of credentials

Name(JSON) ▼   E:\USB EviKey NFC HSM\Keys ▼

json-otp ▼

By Freemindtronic

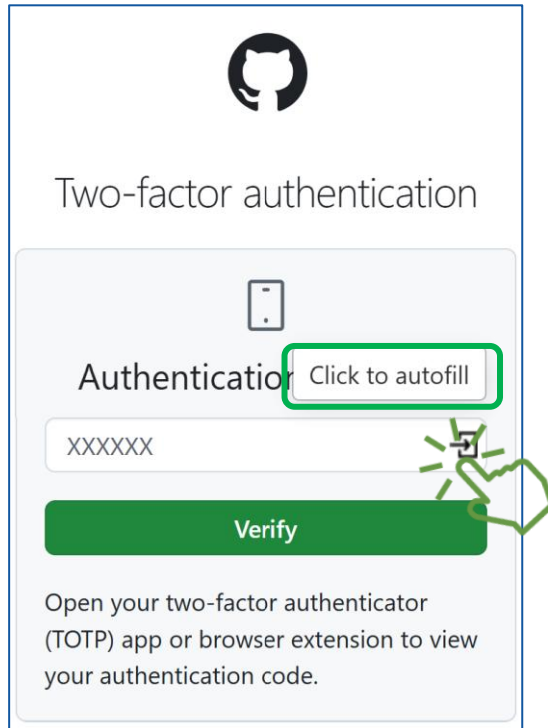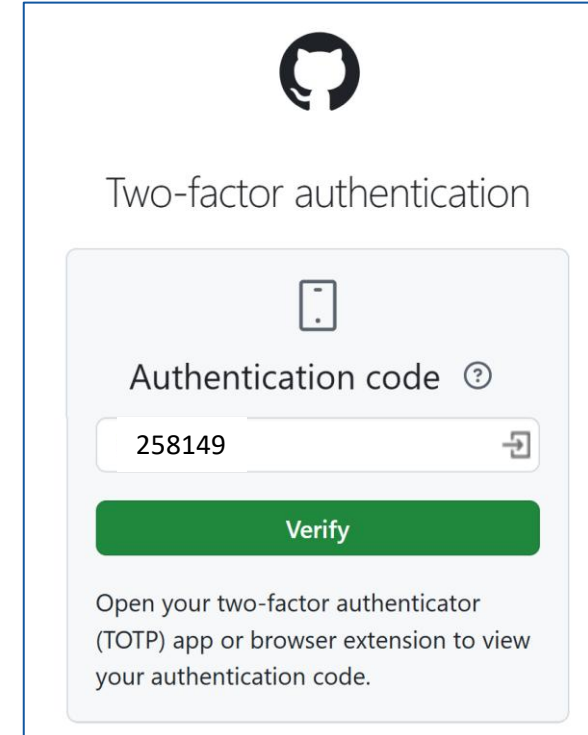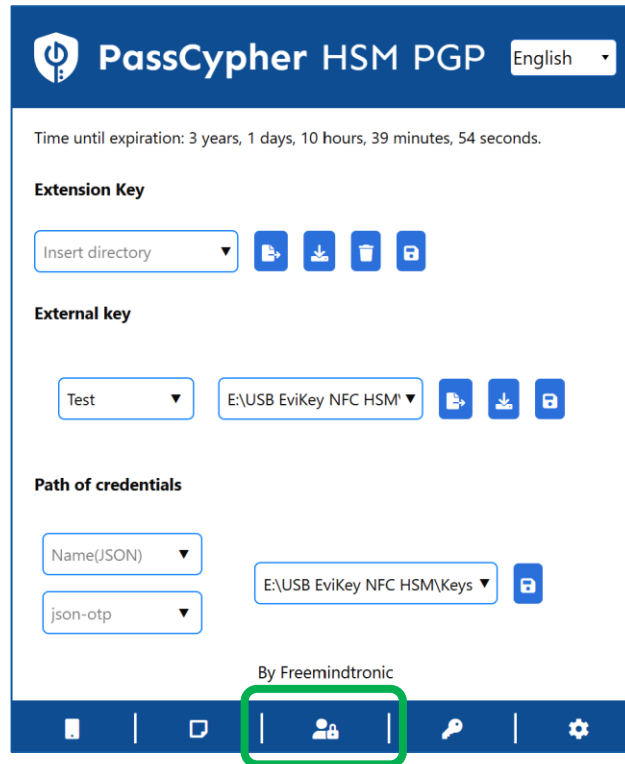Click the indicated icon to access all the functionnalities available

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PassCypher HSM PGP

👤✓	**Verify if your password is pwned**
🏷️	**Create your login credentials**
🎲	**Generate your segmented keys**
🔒	**Generate your passphrases**
AES	**Generate your AES keys**
SSH	**Generate your SSH keys**
OTP	**Manage your TOTP/HOTP (2FA)**
🔑	**Manage license keys**
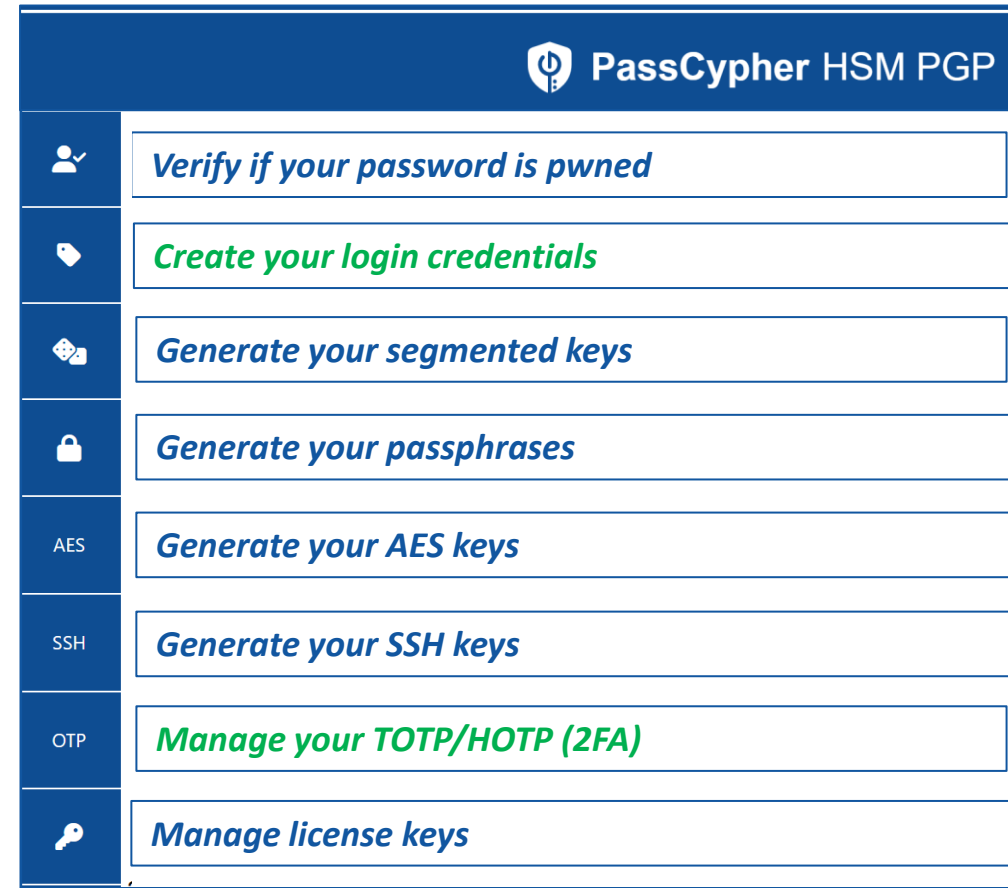
Only **functionalities indicated in green color** are explained here.

The other functionalities are explained in the document « **en-complete-tutorial-passcypher-hsm-pgp-license** » available on the FMT website
https://freemindtronic.com/how-passcypher-hsm-pgp-works/

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MORE FUNCTIONALITIES

PassCypher HSM PGP `English ▼`

Time until expiration: 12 months, 4 days, 6 hours, 25 minutes, 15 seconds.
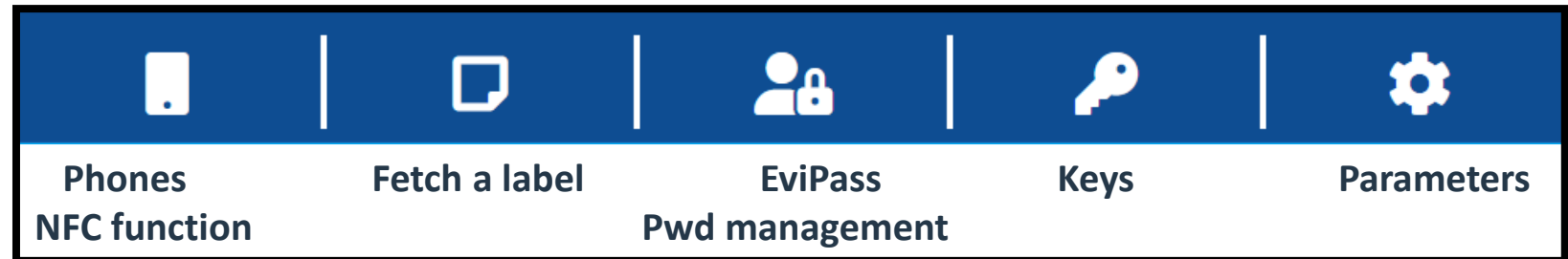
Extension Key

Generate new key `+` Import key `+`

External key

`Name (key) ▼` `Insert directory ▼`

Path of credentials

`Étiquette (JSON) ▼`

`Insert directory ▼`

`Nom OTP (JSON) ▼`
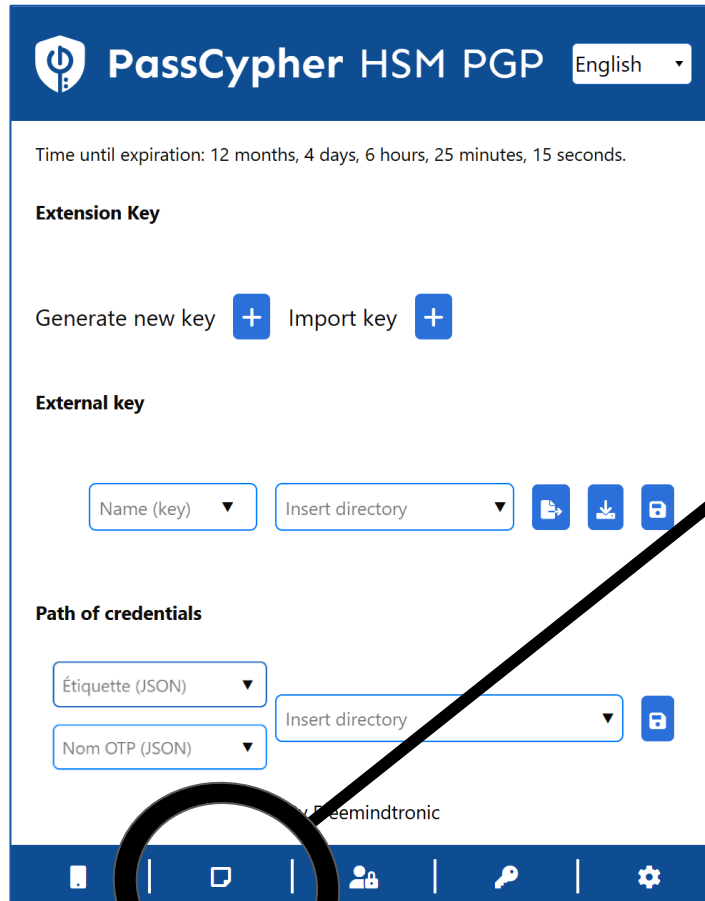
Freemindtronic

By default, the extension opens on the « keys » window

| Phones
NFC function | Fetch a label | EviPass
Pwd management | Keys | Parameters |

Find other features explained in the complete tutorial available on the Freemindtronic website.
https://freemindtronic.com/how-passcypher-hsm-pgp-works/

Take back control, Take back power

EviPass Technology

By Freemindtronic Andorra

To known more: https://www.freemindtronic.com

𝕏 **Freemindtronic**   ▶ **Channel Freemindtronic**