

CYBERSECURITY, MY FUTURE CAREER





CAREER in CYBERSECURITY

WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE



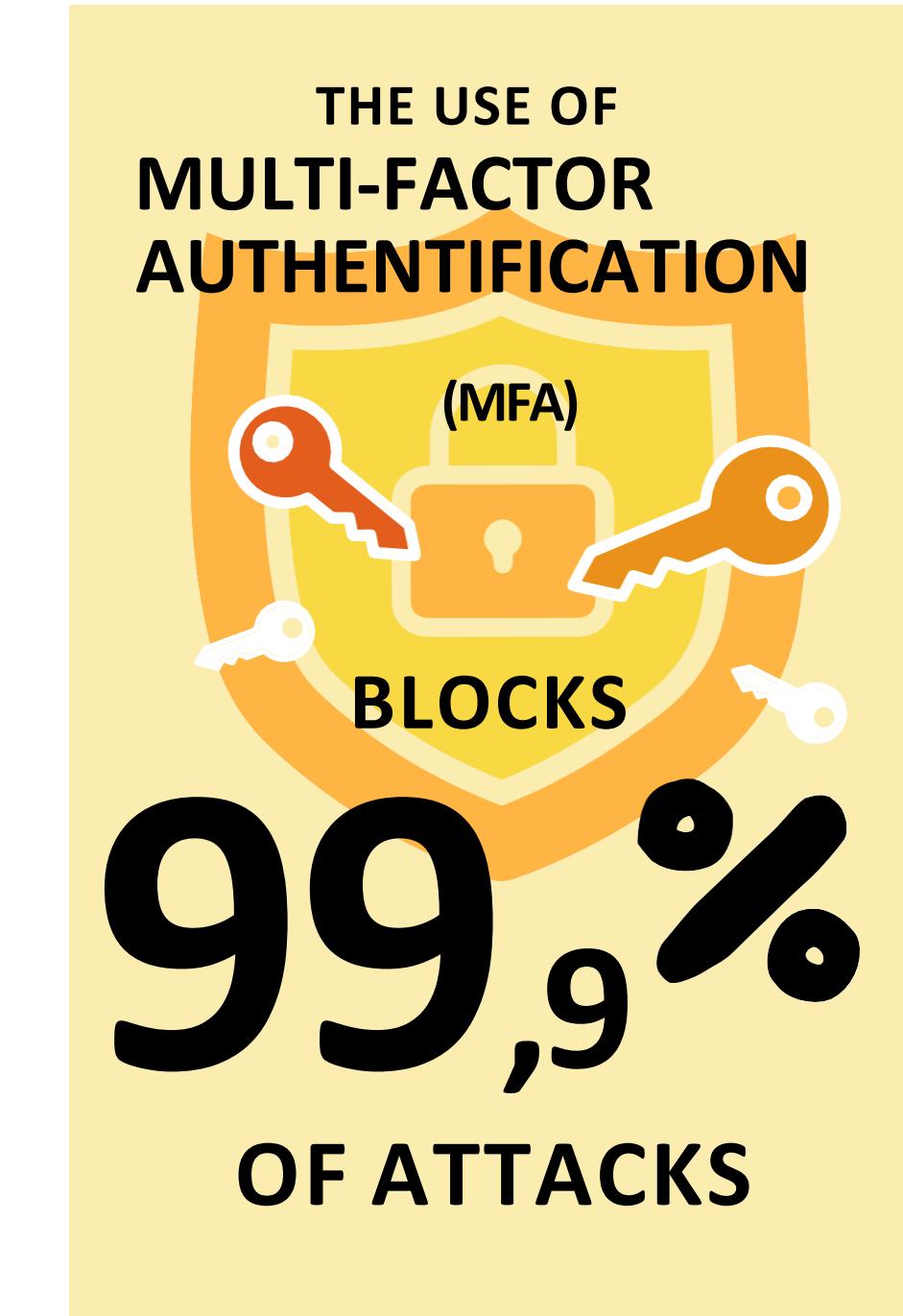
WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

93% OF ALL SECURITY INCIDENTS COULD HAVE BEEN **AVOIDED** IF BASIC RULES CONCERNING **CYBER HYGIENE** HAD BEEN PUT IN PLACE

This section contains a large percentage value '93%' with a small star symbol below it. Below this, there is descriptive text about avoiding security incidents through better cyber hygiene.



WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

93% OF ALL SECURITY INCIDENTS COULD HAVE BEEN **AVOIDED** IF BASIC RULES CONCERNING **CYBER HYGIRNE** HAD BEEN PUT IN PLACE

THE USE OF MULTI-FACTOR AUTHENTIFICATION BLOCKS **99,9%** OF ATTACKS

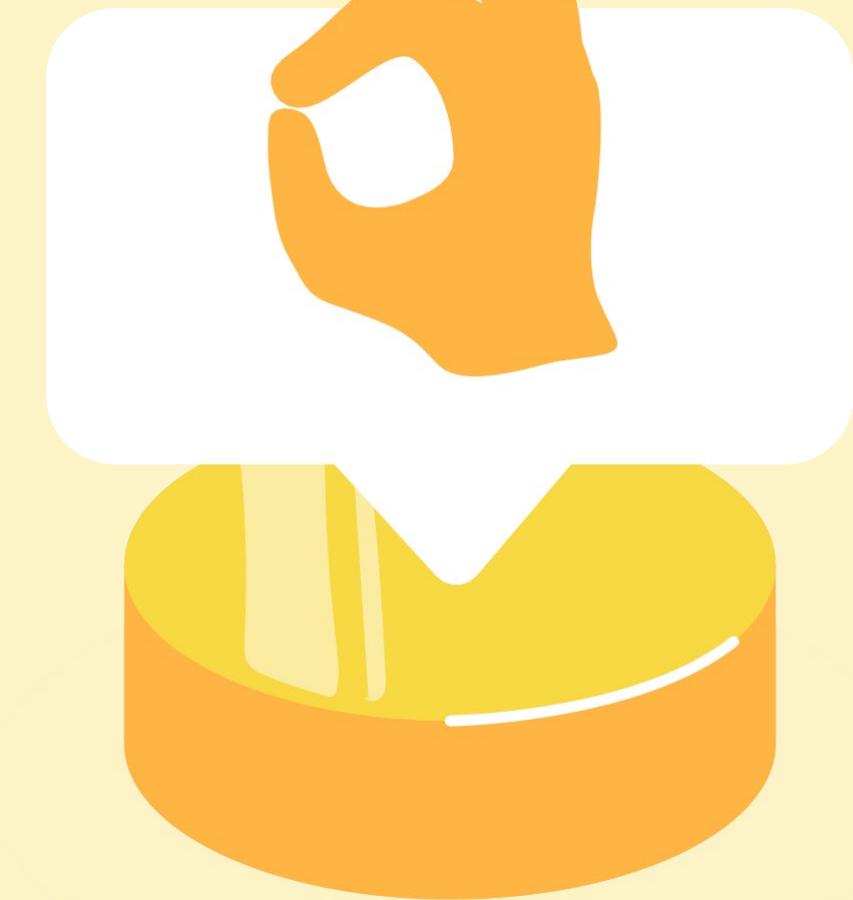
SOURCE

An illustration of a shield with a padlock and two keys, one labeled '(MFA)'.

SOURCE

2.5M GLOBAL CYBERSECURITY JOBS UNFILLED





ACTIVITY 1
**CYBER
GESTURES**

ACTIVITY 1



GOOD IDEA OR NOT?

ACTIVITY 1



Do you think that a good password can be **used for several services** (mailboxes, social networks, bank, e-commerce sites, administrations...)?

A Yes, when the services have nothing to do with each other

B Yes, but only if the password contains special characters

C No, each service must have a different password

ACTIVITY 1



Do you think that a good password can be used for several services (mailboxes, social networks, bank, e-commerce sites, administrations...)?

A Yes, when the services have nothing to do with each other

B Yes, but only if the password contains special characters

C No, each service must have a different password



ACTIVITY 1

You receive an email about the **closure of your Instagram account**. This email contains the Instagram logo and an attachment. You:

A Open the attachment to learn more

B Hesitate to open the attachment but be reassured
by the Instagram logo

C Do not open the attachment and you log in
directly to your account

ACTIVITY 1

You receive an email about the **closure of your Instagram account**. This email contains the Instagram logo and an attachment. You:

A Open the attachment to learn more

B Hesitate to open the attachment but be reassured
by the Instagram logo

C Do not open the attachment and you log in
directly to your account

ACTIVITY 1



You receive a text message telling you that **your package is arriving but that you need to update your delivery details**. You:

A Click on the link contained in the SMS

B Do nothing

C Call the shipper's phone number

ACTIVITY 1

You receive a text message telling you that **your package is arriving but that you need to update your delivery details**. You:

A Click on the link contained in the SMS

B Do nothing

C Call the shipper's phone number

ACTIVITY 1

You receive an email informing you that photos in which you are tagged are available. The website asks you to enter your Facebook username and password. It seems that the website has a legitimate certificate with a padlock next to the address bar.

You enter your username and password on the website.

Is this a good idea or not?

A Yes

B No

ACTIVITY 1

You receive an email informing you that photos in which you are tagged are available. The website asks you to enter your Facebook username and password. It seems that the website has a legitimate certificate with a padlock next to the address bar.

You enter your username and password on the website.

Is this a good idea or not?

A Yes

B No



ACTIVITY 1

What should you do if a **message appears on your screen blocking your computer**, indicating a serious technical problem, a risk of losing your data or the presence of numerous viruses?

A Do nothing

B Contact technical support at the number indicated
on the error message

C Attempt to restart your computer and, if the problem
persists, ask a friend for help

ACTIVITY 1

What should you do if a **message appears on your screen blocking your computer**, indicating a serious technical problem, a risk of losing your data or the presence of numerous viruses?

A Do nothing

B Contact technical support at the number indicated
on the error message

C Attempt to restart your computer and, if the problem
persists, ask a friend for help

ACTIVITY 1

You are at the airport before boarding your flight. You have no battery on your phone. There are public computers available for passengers to surf the Internet. You want to pass the time and go on your favourite social network.

**You launch a browser in private mode, then you authenticate yourself with your password to access your profile.
Is it safe?**

A Yes

B No

ACTIVITY 1

You are at the airport before boarding your flight. You have no battery on your phone. There are public computers available for passengers to surf the Internet. You want to pass the time and go on your favourite social network.

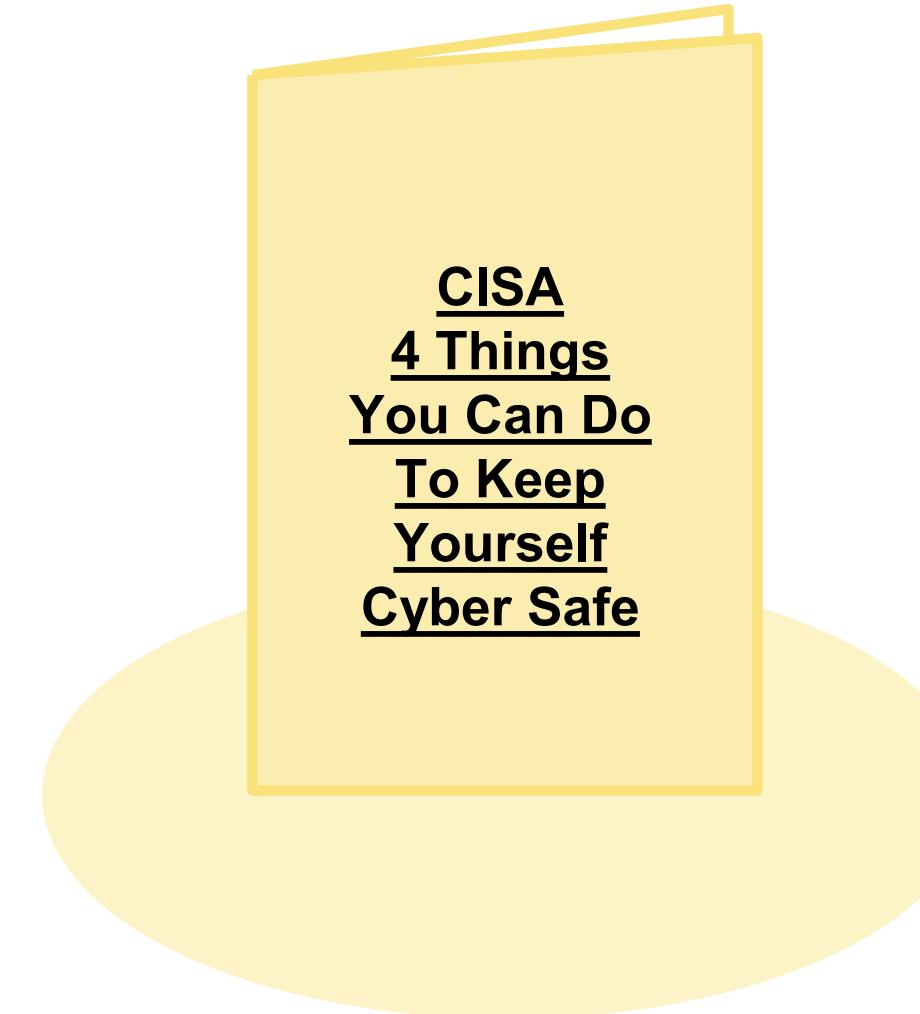
**You launch a browser in private mode, then you authenticate yourself with your password to access your profile.
Is it safe?**

A Yes

B No



FOR GOOD DIGITAL HYGIENE



- ◆ Choose your passwords carefully
- ◆ Regularly install updates on your devices
- ◆ Make **regular** backups of your data
- ◆ **Securing** your Wi-Fi access
- ◆ Be as **careful** with your smartphone or tablet as with your computer
- ◆ Be **careful** when using your email
- ◆ Download your apps from the **official websites**
- ◆ Be **vigilant** when paying on the Internet
- ◆ **Taking care of your personal and professional** information and your digital identity



A GESTURE TO REMEMBER

**GET INTO THE HABIT OF LOCKING THE SCREEN OF
YOUR DEVICES WHEN YOU ARE AWAY FROM THEM TO
PREVENT UNAUTHORISED ACCESS, ESPECIALLY TO
PREVENT IN CASE THEY ARE LOST OR STOLEN.**

ACTIVITY 2



I AM NOT A HACKER AND
YET I WORK IN CYBER
SECURITY

ACTIVITY 2

WHAT DOES YOUR JOB INVOLVE?

- How did you get into cybersecurity?
- What do you like about your job?
- What is a typical day in cybersecurity like?
- Do you need to speak English to do your job?
- Have you ever been a victim of a virus or phishing attack?
- What are your three cybersecurity tips?
- What would you say to young people who are hesitating to get into cybersecurity?

A grid of 20 YouTube video thumbnails, each with a different title and a small image of a person. The titles include:

- Zoom sur les métiers de la Cybersécurité
- Des femmes dans la cyber
- Le bug bounty, quand les hackers volent au secours des entreprises
- Feriel, experte en cybersécurité, enseignante et chercheuse
- Chercheur en cryptographie
- Pentester, il s'introduit dans nos ordis - Un job de demain
- Portrait d'un professionnel de la cyber sécurité
- Portrait d'un professionnel de la cyber sécurité
- C'est quoi ? : Le Pentest
- Victoria, Consultante cybersécurité
- Le métier de consultant cybersécurité
- Le métier d'analyste SOC



SHAKING UP PRECONCEIVED IDEAS ABOUT THE CYBERSECURITY PROFESSION

ACTIVITY 2

A horizontal yellow bar with three small circular markers at regular intervals. The first marker is on the left, the second is in the center, and the third is on the right.

TRUE OR FALSE?

**IT'S A SECTOR THAT RECRUITS A
LOT**

ACTIVITY 2



TR TRUE ALSE?

IT'S A SECTOR THAT RECRUITS A LOT

Yes, the cybersecurity sector is recruiting a lot and around the world. There is a shortage of talent in the cybersecurity field with several million vacancies worldwide.



ACTIVITY 2

TRUE OR FALSE?

**TO WORK IN
CYBERSECURITY YOU NEED
TO BE AN ENGINEER**

ACTIVITY 2

TRUE **FALSE** ?

**TO WORK IN
CYBERSECURITY YOU NEED
TO BE AN ENGINEER**

No, working in cybersecurity does not necessarily mean being an engineer. There are also non-technical jobs, such as awareness-raising and all the cybersecurity jobs involving commercial and legal aspects.

ACTIVITY 2



TRUE OR FALSE?

**CYBERSECURITY
MEANS BEING GOOD
AT MATH**

ACTIVITY 2

TRUE **FALSE** TRUE?

CYBERSECURITY MEANS BEING GOOD AT MATH

Cybersecurity is all about common sense, critical thinking and knowledge. This does not mean that you should not be good at maths!



ACTIVITY 2

TRUE OR FALSE?

**THESE ARE JOBS WHERE
YOU HAVE TO KNOW
HOW TO CODE**

ACTIVITY 2

TRUE **FALSE** TRUE?

THESE ARE JOBS WHERE YOU HAVE TO KNOW HOW TO CODE

Cybersecurity encompasses many fields, and it is therefore difficult to give a general answer. Some cybersecurity jobs do require the ability to code, such as security solutions developer or technical security auditor. Others, on the other hand, do not, such as cybersecurity consultant or Information Systems Security Manager (ISSM).

ACTIVITY 2



TRUE OR FALSE?

**THESE ARE NOT JOBS
FOR WOMEN**

ACTIVITY 2

FALSE
TRUE OR FALSE?

**THESE ARE NOT JOBS
FOR WOMEN**

There is no reason why cybersecurity jobs should not be for women.
Cybersecurity jobs are open to women, but they are often underrepresented in this industry.

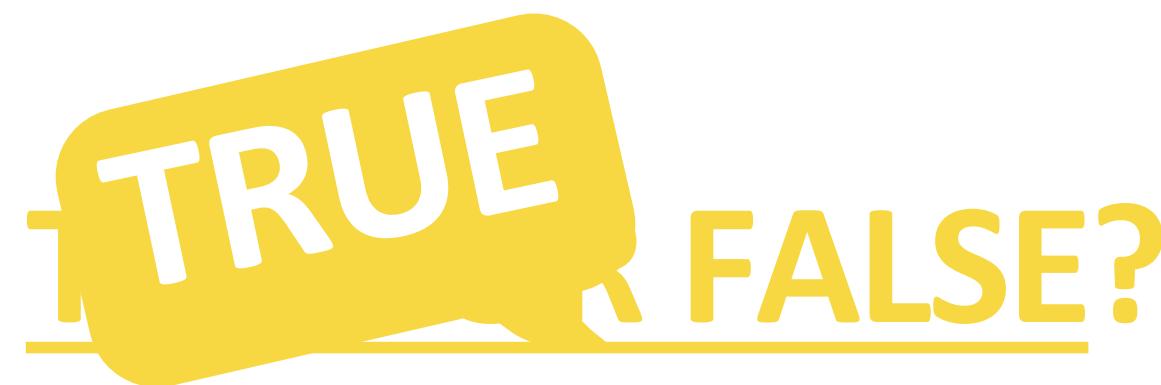


ACTIVITY 2

TRUE OR FALSE?

**YOU DON'T NEED TO STUDY A
LONG CAREER**

ACTIVITY 2



YOU DON'T NEED TO STUDY A LONG CAREER

You do not need to study for a long time to work in cyber security,
but it is important to have a good understanding of the basic
concepts of computer security.

ACTIVITY 2



TRUE OR FALSE?

CYBERSECURITY JOBS
ARE NOT WELL PAID

ACTIVITY 2



FALSE
TRUE OR FALSE?

CYBERSECURITY JOBS ARE NOT WELL PAID

Cybersecurity jobs are rather well paid.
They pay an average of \$105,800 per year. ([Source](#))

ACTIVITY 2



TO REMEMBER:

CYBERSECURITY JOBS ARE
AVAILABLE TO EVERYONE!



ACTIVITY 3

**CYBER, A
SINGLE JOB OR
MULTIPLE
JOBS?**



PREVENT OR CURE?

PREVENT

Research | Design

Raise awareness | Manage

CURE

React | Investigate

Improve | Rebuild



ETHICAL HACKER



PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CURE

React | Investigate

Improve | Rebuild



CYBERSECURITY CONSULTANT



PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER
CYBERSECURITY
CONSULTANT



CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER
CYBERSECURITY
CONSULTANT

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST



DATA PROTECTION OFFICER



PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

DATA
PROTECTION
OFFICER



CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST

DATA
PROTECTION
OFFICER

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**DATA
PROTECTION
OFFICER**



CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**DATA
PROTECTION
OFFICER**

**CYBERSECURITY
CRISIS MANAGER**

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**DATA
PROTECTION
OFFICER**

CRYPTOLOGIST



CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**DATA
PROTECTION
OFFICER**

**CYBERSECURITY
CRISIS MANAGER**

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

DATA
PROTECTION
OFFICER

CRYPTOLOGIST

SECURITY
SYSTEMS
ADMINISTRATOR

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST

DATA
PROTECTION
OFFICER

CYBERSECURITY
CRISIS MANAGER



PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

DATA
PROTECTION
OFFICER

CRYPTOLOGIST

SECURITY
SYSTEM
ADMINISTRATOR

CYBERSECURITY
TRAINER

CISO

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST

DATA
PROTECTION
OFFICER

CYBERSECURITY
CRISIS MANAGER

INFORMATION SYSTEMS SECURITY OFFICER (CISO)

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**DATA
PROTECTION
OFFICER**

CRYPTOLOGIST

**SECURITY
SYSTEM
ADMINISTRATOR**

**CYBERSECURITY
TRAINER**

ISSM

CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**DATA
PROTECTION
OFFICER**

**CYBERSECURITY
CRISIS MANAGER**



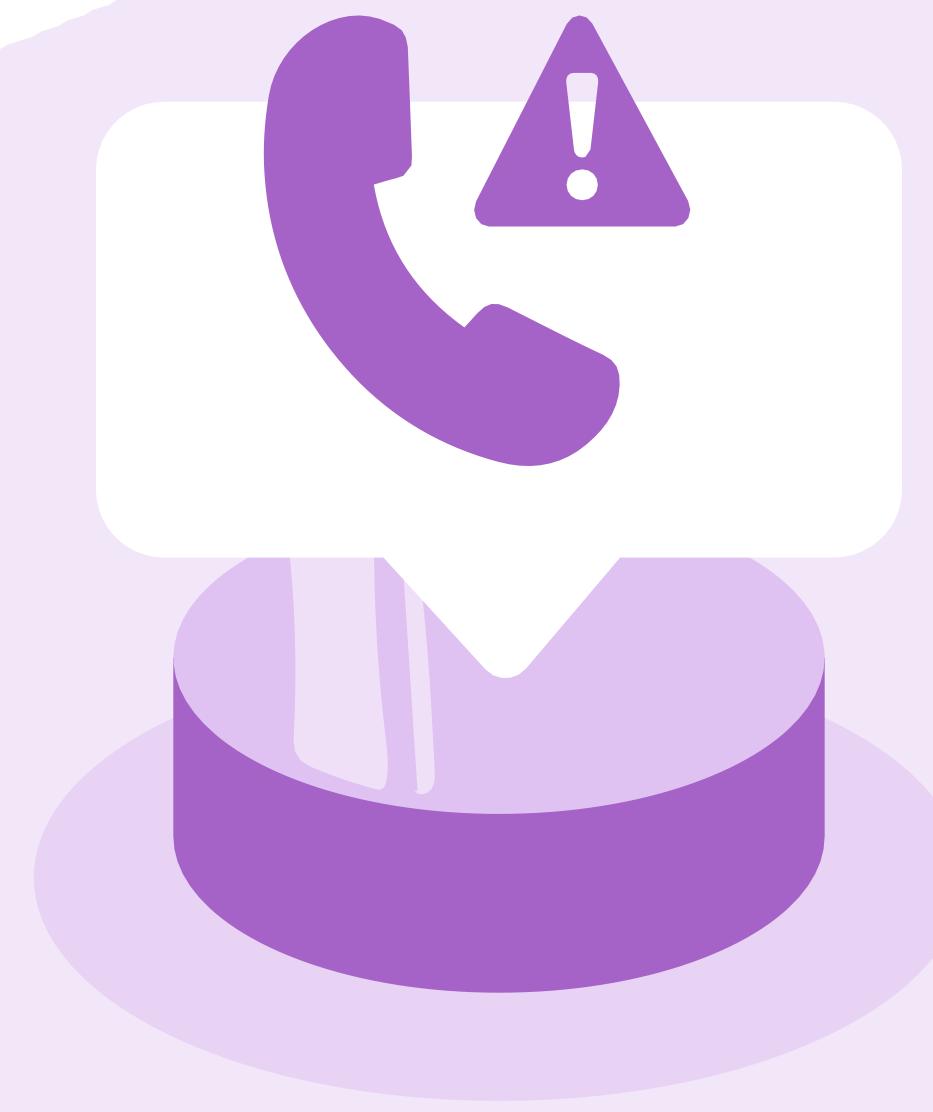


TO REMEMBER:

CYBERSECURITY JOBS ARE VARIED AND MEANINGFUL



**BEWARE OF
APPAREANCES**

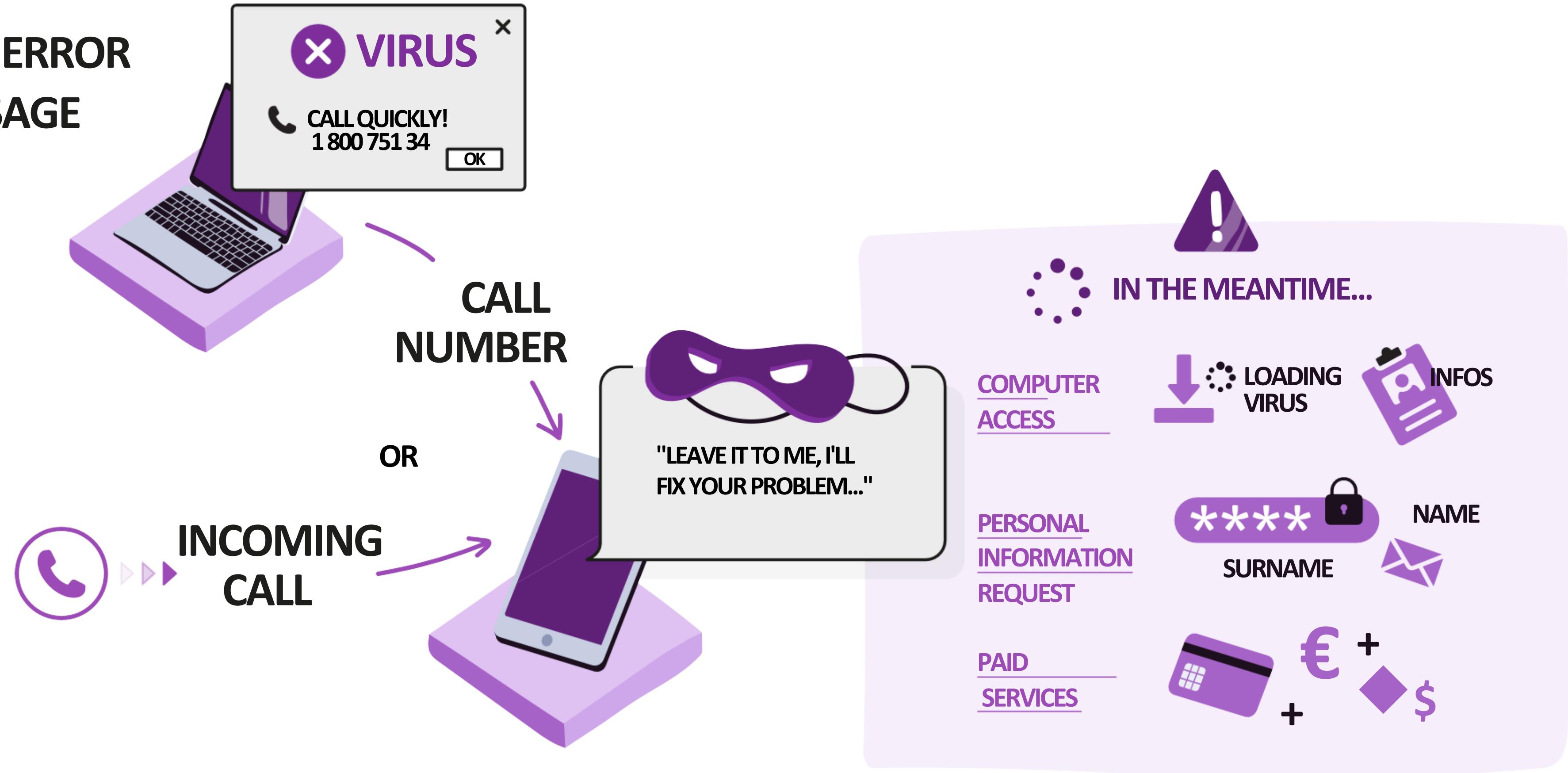


ACTIVITY 1

AVOID FAKE TECHNICAL SUPPORT SCAMS

ACTIVITY 1

FAKE ERROR MESSAGE



FAUX MESSAGE
D'ERREUR

FOCUS FAKE MICROSOFT SUPPORT

Microsoft will never call you to ask for financial or personal information, or to offer technical support to repair your computer without your request, or to ask you to pay for technical support in the form of cryptocurrency such as Bitcoin or with gift cards.

More information
on cybermalveillance.gouv.fr

HOW TO REACT IF SOMEONE CALLS YOU OR IF A FAKE ERROR MESSAGE IS DISPLAYED?

- 1 HANG UP**
- 2 DO NOT PERFORM ANY MANIPULATION ON YOUR DEVICE**
- 3 DO NOT COMMUNICATE WITH STRANGERS**
- 4 CALL AN AUTHENTIC NUMBER DIRECTLY**
- 5 PROTECT YOUR COMPUTER**
- 6 UPDATE YOUR WEB BROWSER AND OPERATING SYSTEM**
- 7 ENABLE YOUR POP-UP BLOCKER**
- 8 CLOSE YOUR BROWSER**
- 9 RESTART YOUR DEVICE**
- 10 TALK ABOUT IT**



TO REMEMBER:

**DO NOT CLICK ON
URGENT MESSAGES
THAT APPEAR WHILE
YOU ARE ONLINE AND
DO NOT DIAL THE
NUMBER PROVIDED**

**HANG UP IF YOU ARE
ASKED TO DO
SOMETHING ON YOUR
COMPUTER**

**NEVER DOWNLOAD AN APPLICATION AT
THE REQUEST OF SOMEONE YOU DON'T
KNOW**

**REPORT SCAMS TO THE
POLICE**

**IF YOU COME ACROSS A
SCAM, TELL A FRIEND,
COLLEAGUE OR FAMILY
MEMBER TO MAKE
THEM AWARE OF THIS
ABOUT THIS THREAT**



ACTIVITY 2
**DO NOT LET
CYBERCRIMINALS
STEAL FROM YOU**



TO CLICK OR NOT TO CLICK?

TO CLICK OR NOT TO CLICK?

The screenshot shows a Google Mail inbox with a single email from "World Health Organization <eeeeekrodou@sch.gr>" received on "Fri, 1 May 2020, 13:26". The subject is "(no subject)". The email body contains a message from "Timmy Bridges" of the "Health Communications Manager" at the "United Nations Foundation". The message claims the recipient is entitled to a \$50,000 USD per week relief grant to control the COVID-19 pandemic. It requests personal information such as full names, contact address, occupation, phone number, and valid identification. The signature at the bottom includes "Thanks and my best regards to your family," followed by the name "Timmy Bridges". Below the signature, there are "Reply" and "Forward" buttons.

https://mail.google.com/mail/u/0/?ui=2&view=btop&ver=i7iyx0m0rxgx&cat=INBOX%2FPhising&sear...

(no subject) ➤ INBOX/Phising

World Health Organization <eeeeekrodou@sch.gr> Fri, 1 May 2020, 13:26

to

--

World Health Organization(WHO) and United Nations(UN) swings into action.

You are Entitled to \$50,000 USD per week relief grant, in a bid to control the spread of the COVID-19 pandemic. Respond with the below details for claims.

Full Names:
Contact Address:
Occupation:
Phone Number:
Valid Identification:

Thanks and my best regards to your family,

Timmy Bridges
Health Communications Manager
United Nations Foundation

Reply Forward

TO CLICK OR NOT TO CLICK?

The email address sending the email does not correspond to the official website address. Also, be careful with e-mails offering money or goods. When it is too good to be true, it's because it is!



https://mail.google.com/mail/u/0/?ui=2&view=btop&ver=i7iyx0m0rxgx&cat=INBOX%2FPhising&sear...

(no subject) ➤ INBOX/Phising x

World Health Organization <eeeeekrodou@sch.gr> Fri, 1 May 2020, 13:26

to

--

World Health Organization(WHO) and United Nations(UN) swings into action.

You are Entitled to \$50,000 USD per week relief grant, in a bid to control the spread of the COVID-19 pandemic. Respond with the below details for claims.

Full Names:
Contact Address:
Occupation:
Phone Number:
Valid Identification:

Thanks and my best regards to your family,

Timmy Bridges
Health Communications Manager
United Nations Foundation

Reply Forward

TO CLICK OR NOT TO CLICK?

Notice: your package will be returned to the sender: <https://yesdetail.com/d/?pn4cqiha70>

TO CLICK OR NOT TO CLICK?

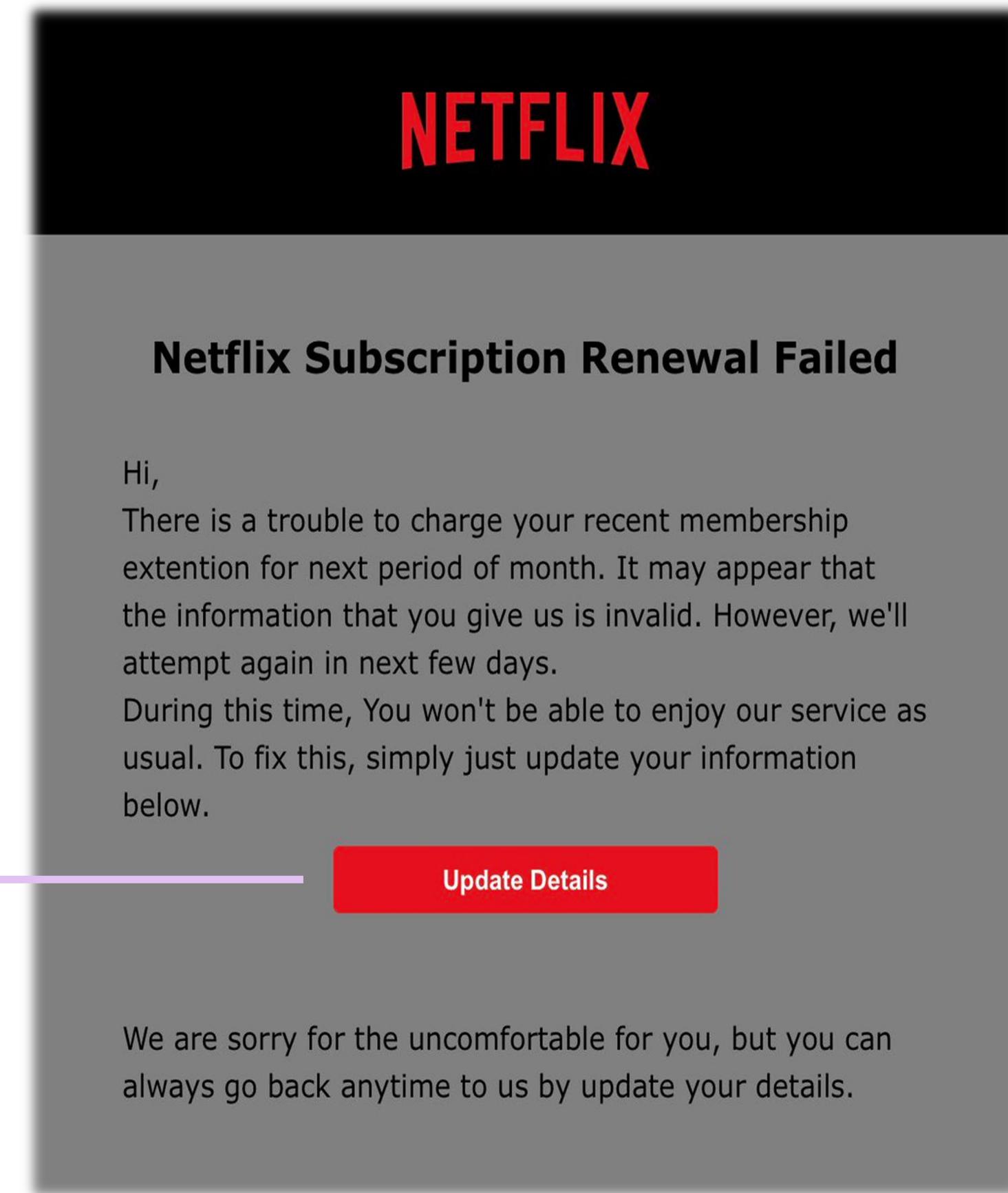


Beware of messages that require an immediate response or action. There is a good chance that this destination address is a scam, as it does not correspond to the official website address.

Notice: your package will be returned to the sender: <https://yesdetail.com/d/?pn4cqiha70>

TO CLICK OR NOT TO CLICK?

<http://impresasavoldelli.it>

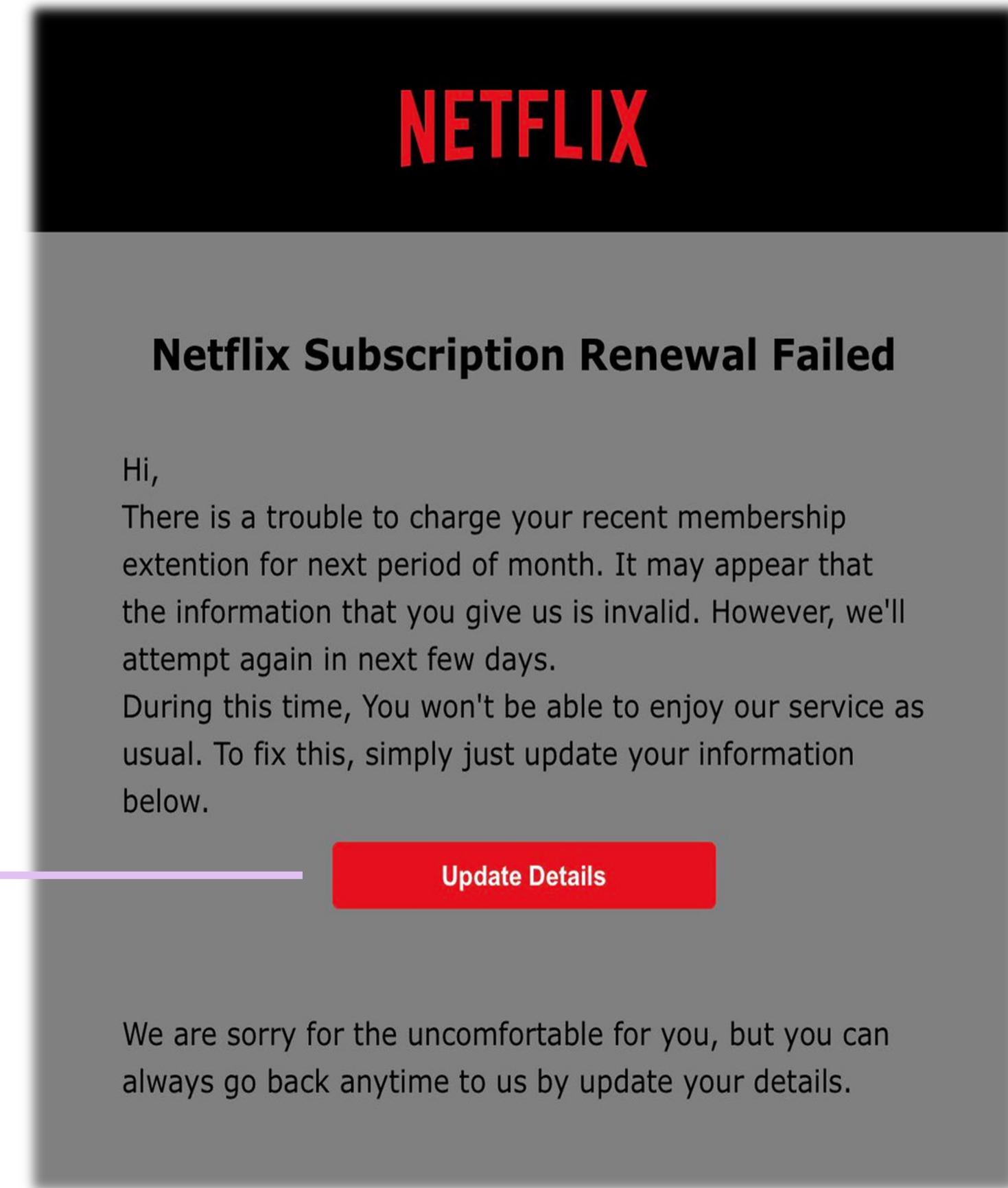


TO CLICK OR NOT TO CLICK?

There is a good chance that this destination address is a scam. It does not correspond to the official website address, and the "http:" link indicates that the connection is not secure, which should make you suspicious.

NO

<http://impresasavoldelli.it>





TO CLICK OR NOT TO CLICK?

Attn: Your-150 Dollar Prime Credit Expires on 12/28. Shopper: [REDACTED] Spam x



Amazon Update <AmazonUpdate@efficaciousrbays.xyz>
to me

A Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)



The Amazon Marketplace

-----SHOPPER/MEMBER:4726
-----DATE-OF-NOTICE: 12/22/2015

Hello [Shopper](#)! To show you how much we truly value your years of business with us and to celebrate the continued success of our Prime membership program, we're rewarding you with-\$100 in shopping points that can be used on any item on our online shopping site! (this includes any marketplace vendors)

In order to use this-\$100 reward, simply go below to get your-coupon-card and then just use it during checkout on your next purchase. That's all there is to it!

[Please visit-here now to get your reward](#)

***DON'T WAIT! The Link Above Expires on 12/28!

TO CLICK OR NOT TO CLICK?

The email address sending the email does not correspond to the official website address. Beware of messages that require an immediate response or action. Also, be careful with e-mails offering money or goods. When it is too good to be true, it because it is!



Attn: Your-150 Dollar Prime Credit Expires on 12/28. Shopper: [REDACTED] Spam x



Amazon Update <AmazonUpdate@efficaciouscrbays.xyz>
to me

A Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)



The Amazon Marketplace

SHOPPER/MEMBER:4726
DATE-OF-NOTICE: 12/22/2015

Hello Shopper, [REDACTED] @gmail.com! To show you how much we truly value your years of business with us and to celebrate the continued success of our Prime membership program, we're rewarding you with-\$100 in shopping points that can be used on any item on our online shopping site! (this includes any marketplace vendors)

In order to use this-\$100 reward, simply go below to get your-coupon-card and then just use it during checkout on your next purchase. That's all there is to it!

[Please visit-here now to get your reward](#)

***DON'T WAIT! The Link Above Expires on 12/28!



TO CLICK OR NOT TO CLICK?

**Microsoft offers you an
XBOX One.**

Congratulations, you've
won! Get your console:

<https://www.microsoft.com/>



TO CLICK OR NOT TO CLICK?

NO

**Microsoft offers you an
XBOX One.**

Congratulations, you've
won! Get your console:

<https://www. microsoft.com/>



The destination domain name is
not exactly the same as the to the
official website address.

Attention: a small dot appears
below the first "o" in the word
microsoft.

This type of scam is called typosquatting,
i.e., using a letter that is graphically close
to another one to make people think they
are on an official website.

YOU HAVE A DOUBT ABOUT THE MESSAGE YOU RECEIVED?

- ❖ **Don't be afraid!** You probably don't have anything incriminating to blame yourself for
- ❖ **Do not open links or attachments** without being sure of the reliability of the sender
- ❖ **Check the sender's address:** contact him through another channel.
- ❖ **Do not respond to any suspicious or blackmail emails** to avoid show the sender that you are receptive to the message
- ❖ **Change your passwords, avoid having the same password** for each account to protect yourself from cascading attacks and, if possible, **activate double authentication on your most sensitive accounts**, including your email accounts
- ❖ **Delete the message**



AND IF YOU HAVE DISCLOSED YOUR PASSWORD OR PERSONAL INFORMATION?

- 1** Immediately change passwords for compromised accounts
- 2** Report the scams, by contacting the local authorities
- 3** Visit your national platforms or helplines for assistance to victims of cyberbullying for more advice

AND IF YOU HAVE PAID AND ARE A VICTIM OF A SCAM?

- 1** Change passwords for compromised accounts immediately
- 2** Contact your bank to try to get the payment reversed
- 3** File a complaint with your local authorities

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF
UNKNOWN
SENDERS**

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF
UNKNOWN
SENDERS**



**PAY ATTENTION
TO THE
WORDING OF
THE
EMAIL/TEXT**

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



BEWARE OF
UNKNOWN
SENDERS



PAY ATTENTION
TO THE
WORDING OF
THE
EMAIL/TEXT



THE SENDER'S
EMAIL ADDRESS
IS NOT A
RELIABLE
CRITERION

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



BEWARE OF
UNKNOWN
SENDERS



PAY ATTENTION
TO THE
WORDING OF
THE
EMAIL/TEXT



THE SENDER'S
EMAIL ADDRESS
IS NOT A
RELIABLE
CRITERION



CHECK
THE LINKS

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



BEWARE OF
UNKNOWN
SENDERS



PAY ATTENTION
TO THE
WORDING OF
THE
EMAIL/TEXT



THE SENDER'S
EMAIL ADDRESS
IS NOT A
RELIABLE
CRITERION



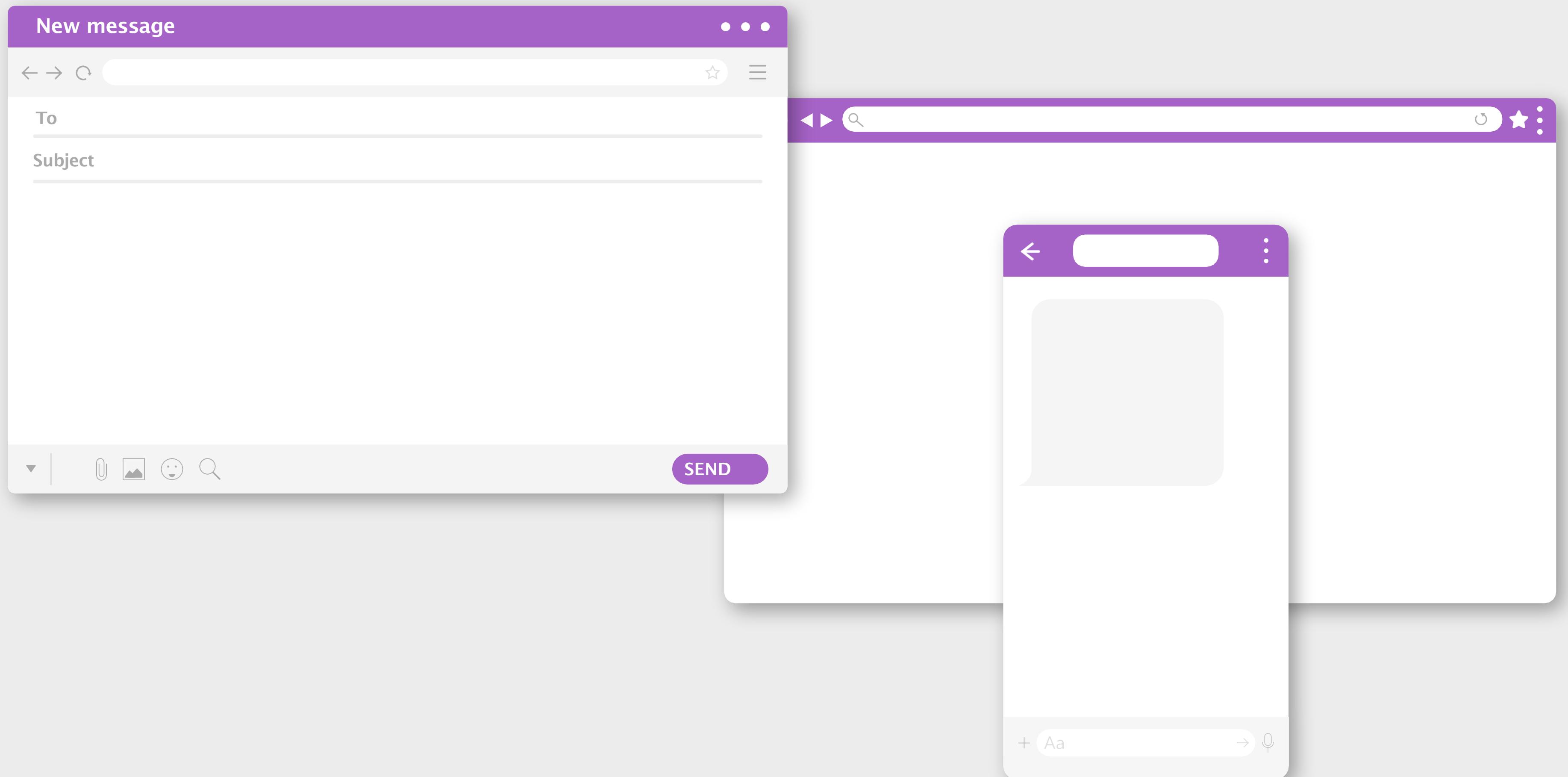
CHECK
THE LINKS



BEWARE OF
STRANGE,
URGENT AND
TOO GOOD TO
BE TRUE
REQUESTS

CREATE YOUR OWN
SCAM

ACTIVITY 2





**ONLINE FRAUD IS A CRIMINAL OFFENCE WHICH
MAY BE PUNISHED BY JAIL TIME AND PENALTIES**



TO REMEMBER:

BE CAUTIOUS ABOUT
MESSAGES WITH VISUALS
THAT LOOK OFFICIAL BUT
ARE POORLY DISPLAYED OR
HAVE SPELLING MISTAKES

BEWARE OF
MESSAGES THAT
REQUIRE YOU TO
RESPOND OR TAKE
IMMEDIATE ACTION

NEVER CLICK ON A LINK OR AN
ATTACHMENT WHOSE ORIGIN
OR NATURE SEEMS DOUBTFUL

REMEMBER THAT IF IT
SOUNDS TOO GOOD TO BE
TRUE, IT PROBABLY IS!

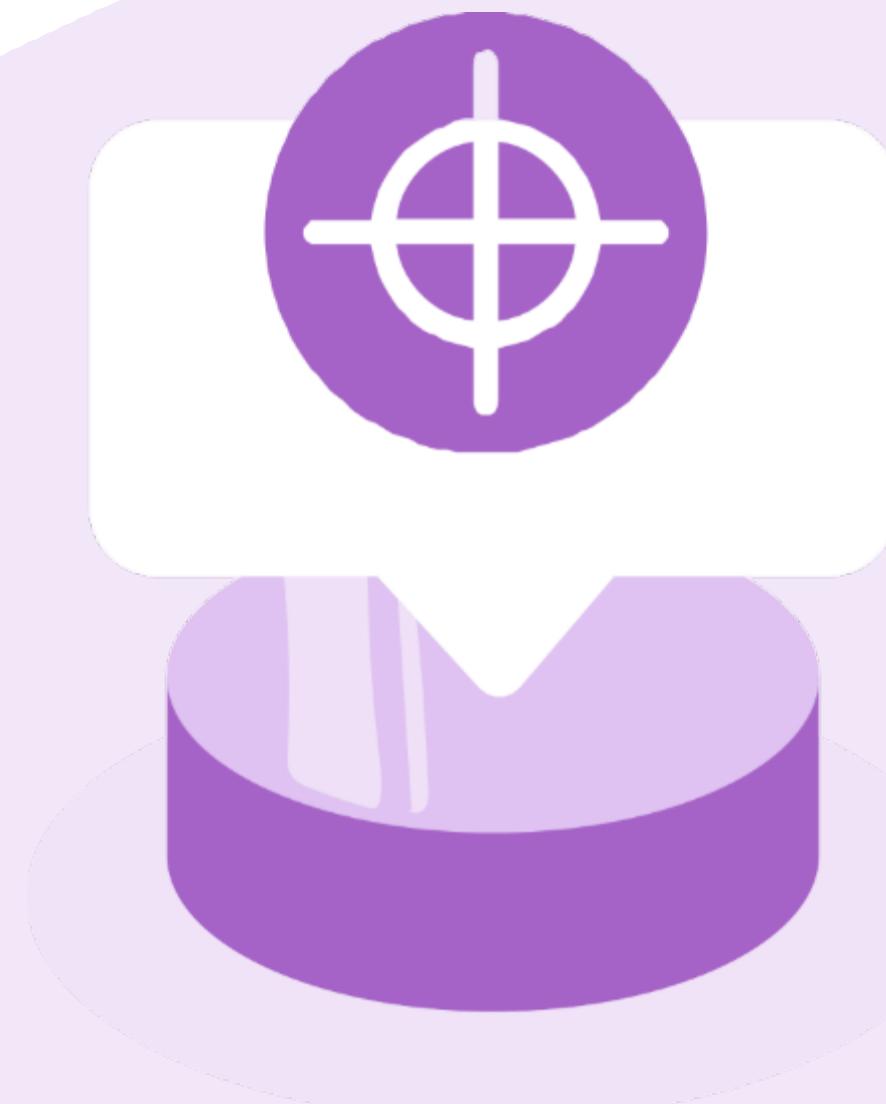
IF IN DOUBT, YOU SHOULD
ACCESS THE WEBSITE BY
TYPING THE ADDRESS
DIRECTLY INTO THE
SEARCH BAR

BEFORE INSTALLING
AN APPLICATION,
ASK YOURSELF IF YOU
REALLY NEED IT!



IF YOU HAVE NOT ENTERED A
COMPETITION, YOU CANNOT
HAVE WON A PRIZE!





ACTIVITY 3

LOCATE THE CONTENTS DEEPCODE



REAL PHOTO OR NOT?

The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?





Real or Not ?

The growing quality in AI images makes them harder to spot.

Can you tell if this image is real or AI generated?

Start Game

To extend the quiz, go to:

<https://www.realornotquiz.com/>

Look for the 4 signs that this text was generated by an AI:

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

Look for the 4 signs that this text was generated by an AI:

FACTUAL INCONSISTENCIES

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

Look for the 4 signs that this text was generated by an AI:

INCONSISTENT TRANSITIONS

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

Look for the 4 signs that this text was generated by an AI:

ABSENCE OF SOURCES

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025. ?

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

Look for the 4 signs that this text was generated by an AI:

PUNCTUATION ERRORS AND TURN OF PHRASE

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.



TO REMEMBER :

What can we do to combat deepfakes?

CHECK FOR ACCURACY BEFORE SHARING OR COMMENTING.

THE BEST WAY TO STOP THE SPREAD OF A DEEPFAKE IS TO AVOID SHARING OR COMMENTING ON IT FURTHER.

IF A TITLE, VIDEO, IMAGE, OR AUDIO RECORDING SOUNDS SENSATIONAL, BE SURE TO READ THE FULL STORY

AND TO VERIFY ITS SOURCE BEFORE SHARING ITS CONTENT.



**PROTECT
YOUR
ACCOUNTS
ONLINE**



ACTIVITY 1

**A STRONG PASSWORD,
IS YOUR BEST DEFENCE**

ACTIVITY 1









**CHOOSE A PASSWORD THAT
IS DIFFERENT
FOR EACH ACCOUNT**

WHAT ARE THE RISKS OF USING THE SAME PASSWORD EVERYWHERE?

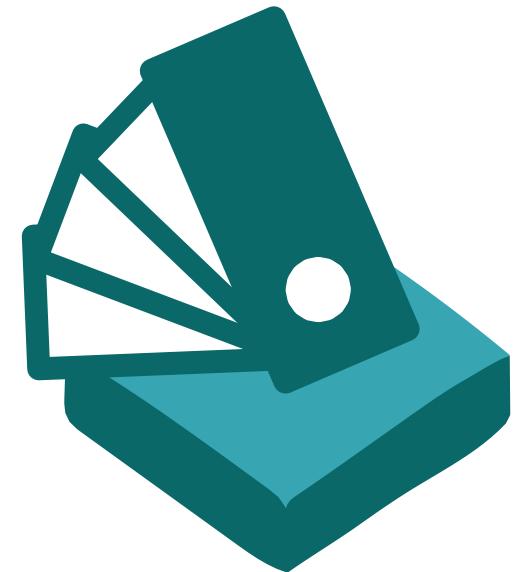
A HACKER COULD:

- ◆ Steal your identity
- ◆ Hack into your bank details and make fraudulent purchases
- ◆ Steal your contacts by hacking into your mailboxes/social networks
- ◆ Blackmail you and demand a ransom (in case of compromising data)

ACTIVITY 1

CREATE A STRONG PASSWORD

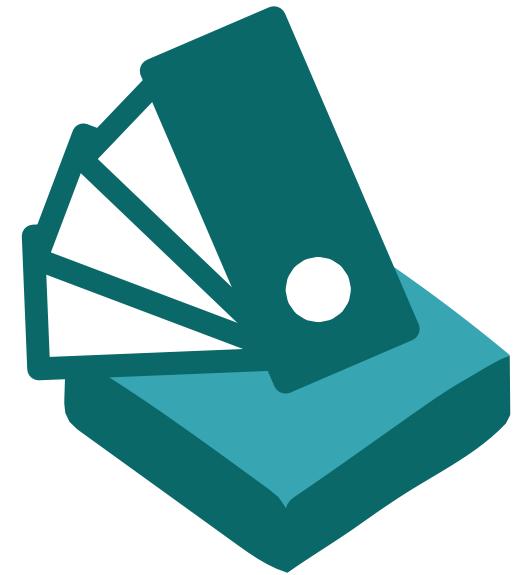
CREATE A STRONG PASSWORD



COMPLETE

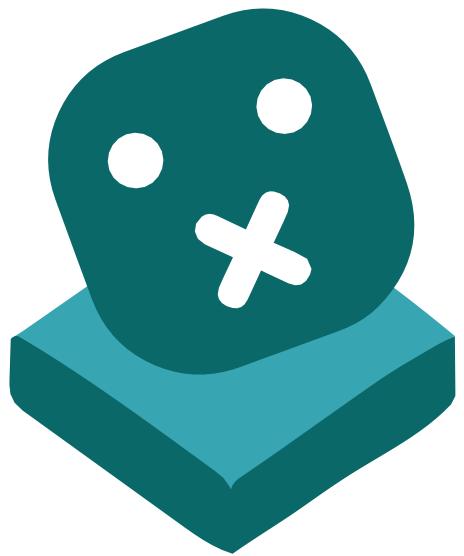
contains at least **14**
characters and **4 different**
types: lower case, upper
case, numbers and special
characters (!, ?, €, #...)

CREATE A STRONG PASSWORD



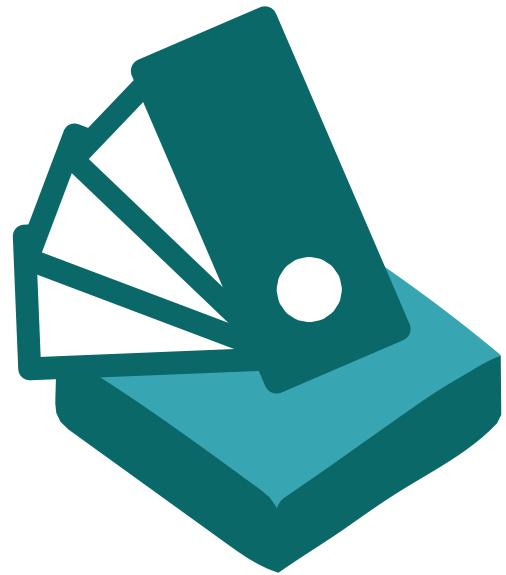
COMPLETE

contains at least **14** characters and **4 different types**: lower case, upper case, numbers and special characters (!, ?, €, #...)



**SAYS
NOTHING
ABOUT
YOU**

CREATE A STRONG PASSWORD



COMPLETE

contains at least 14
characters and **4 different types**: lower case, upper case, numbers and special characters (!, ?, €, #...)



**SAYS
NOTHING
ABOUT
YOU**



UNIQUE

ACTIVITY 1

2 TIPS:

I am **not a hacker & yet I work in cybersecurity!**

lanah&ylwic!



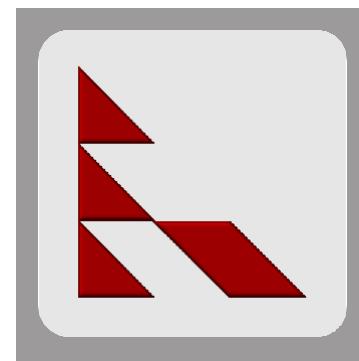
Swan*Edge*Door!Work



PASSPHRASE

COMBINED WORDS

USE A PASSWORD MANAGER



PASSWORDSAFE



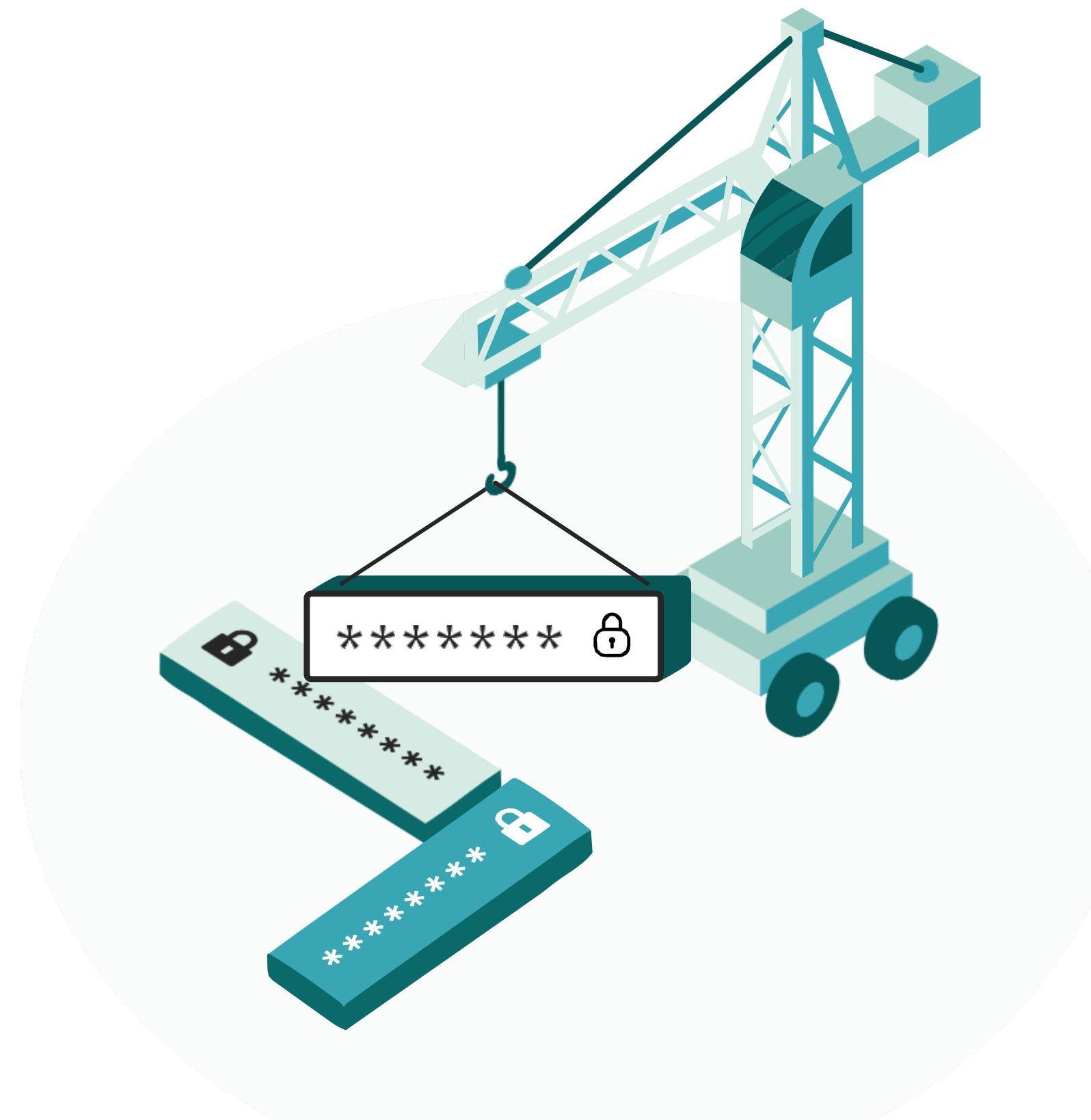
ZENWAY



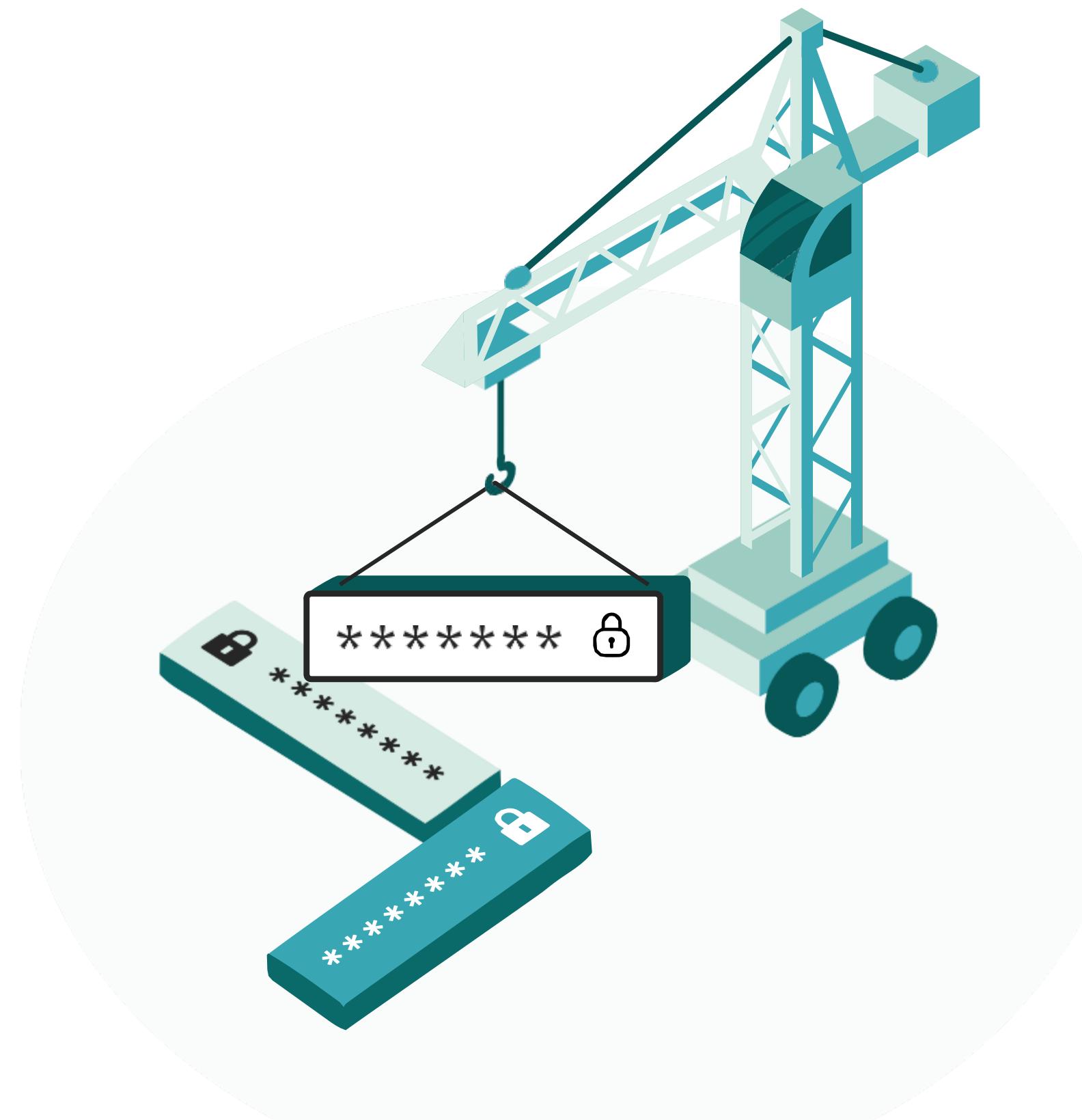
KEEPASS

The screenshot shows the KeePass application window titled "My KeePass.kdbx - KeePass". The interface includes a menu bar with File, Group, Entry, Find, View, Tools, and Help. Below the menu is a toolbar with various icons. The main area features a tree view on the left under "KeePass-Database" with categories like General, Network, Internet, and Perso, and a list view on the right displaying entries such as Airbnb, Amazon, Booking, Deezer, Discord, DropBox, Facebook, Gmail, Hotmail, Instagram, LinkedIn, Netflix, Outlook, Paypal, Steam, Twitter, and Uber. Each entry includes fields for Title, User Name, Password, URL, and Notes. A context menu is open on the right side of the screen, listing options like Copy User Name, Copy Password, URL(s), Other Data, Perform Auto-Type, Add Entry..., Edit Entry..., Edit Entry (Quick), Duplicate Entry..., Delete Entry, Select All, and Rearrange, along with their corresponding keyboard shortcuts. At the bottom of the window, there is a status bar with the text "Group: Perso, Title: LinkedIn, User Name: *****, Password: *****, URL: https://www.linkedin.com/, Creation Time: 9/1/2014 9:27:21 PM, Last Modification Time: 3/30/2022 8:58:56 AM" and "1 of 17 selected | Ready."

WHAT IS A PASSWORD MANAGER?

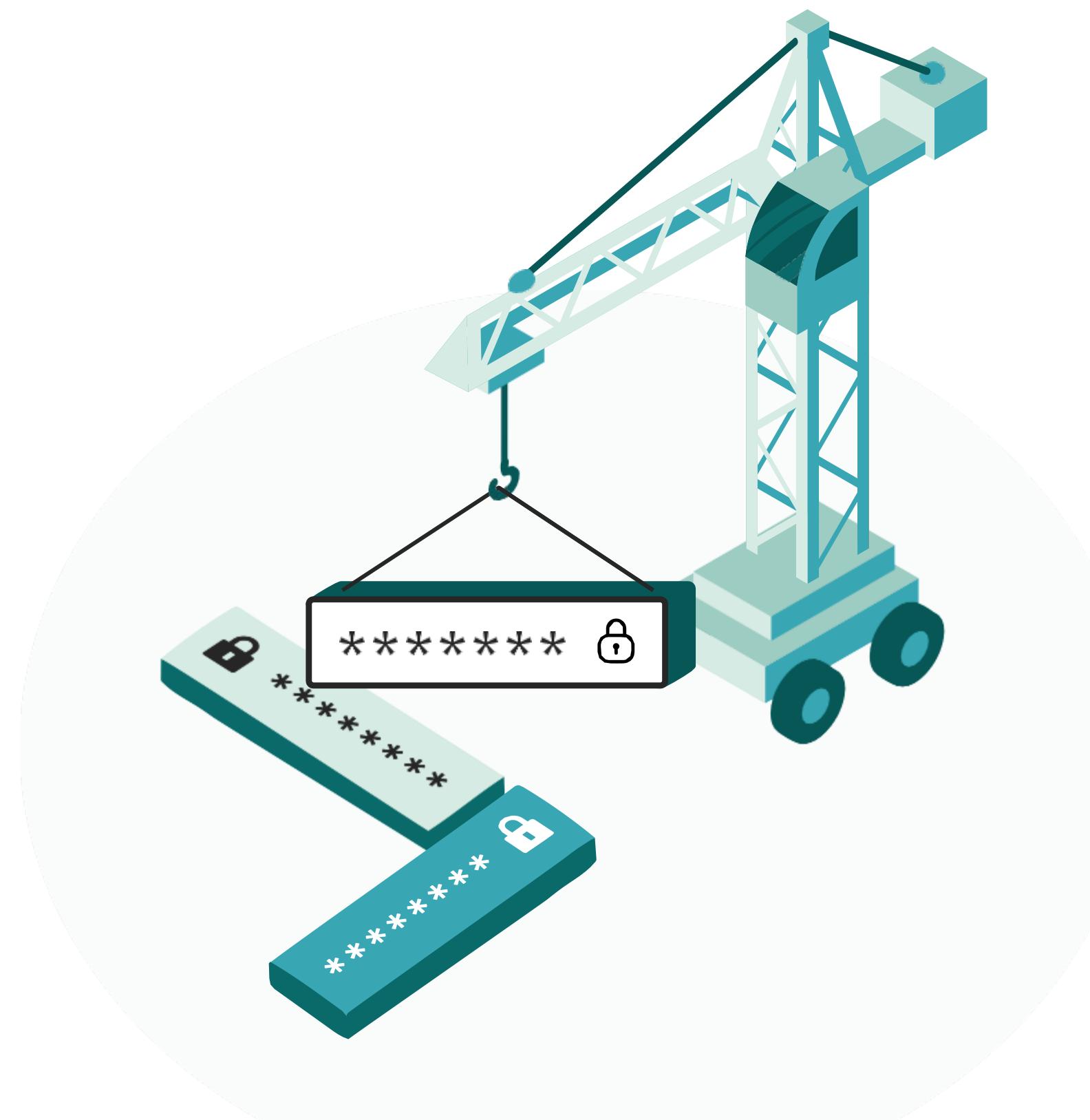


WHAT IS A PASSWORD MANAGER?



It is a tool for storing and securing usernames and passwords.

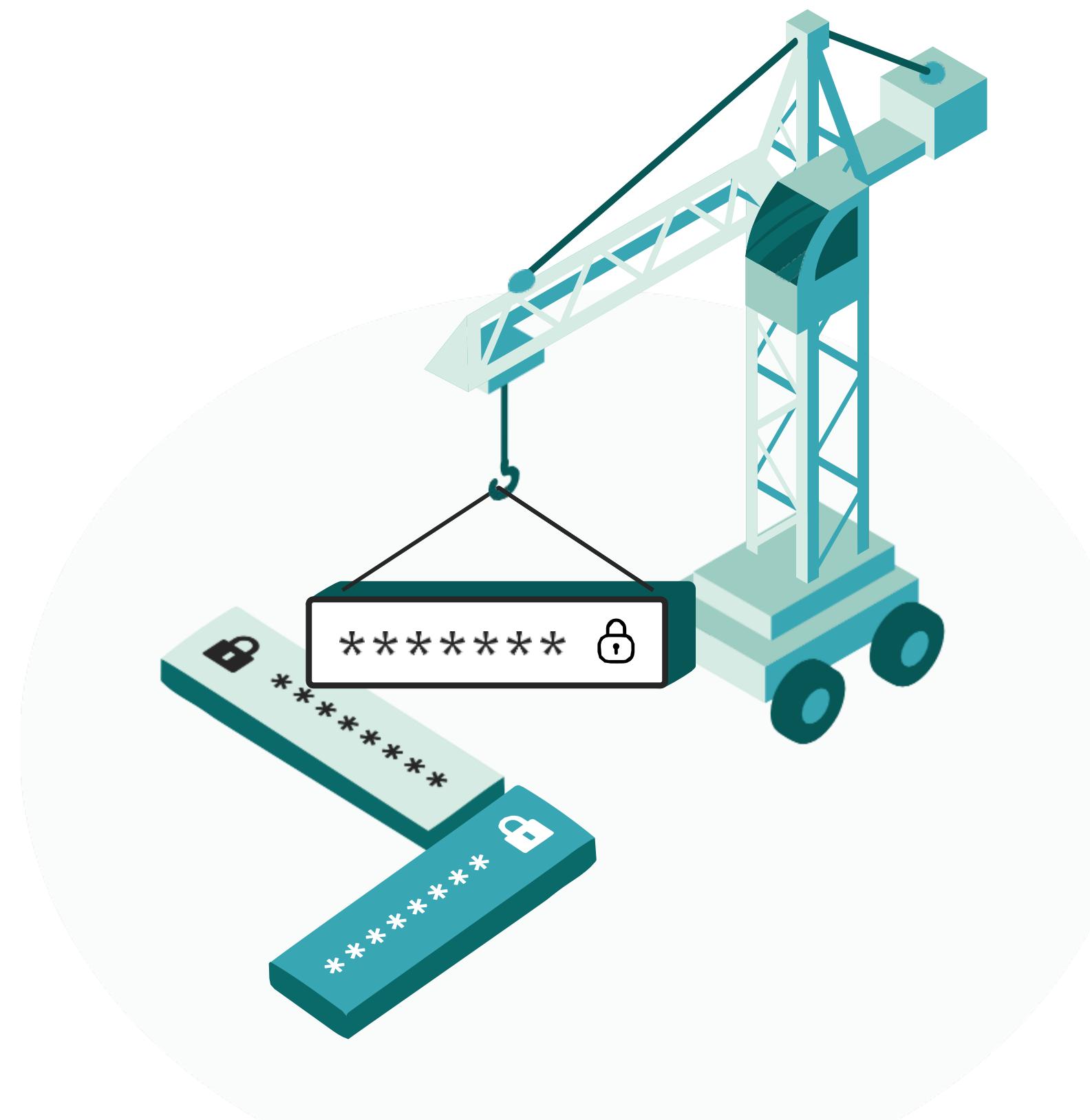
WHAT IS A PASSWORD MANAGER?



It is a tool for storing and securing usernames and passwords.

- It can be **on-premises** or **synced to the cloud**. There are managers **built into web browsers**.

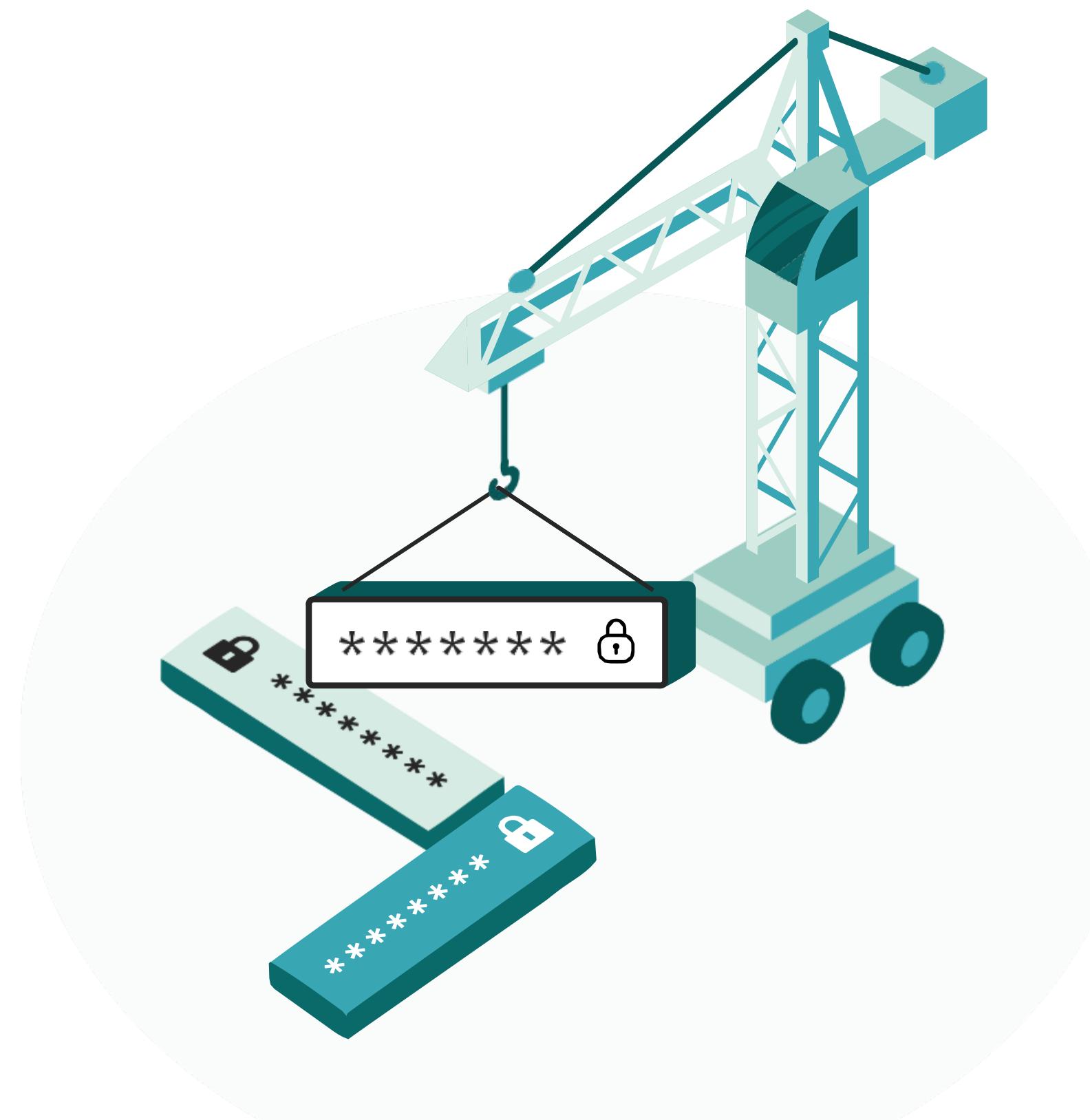
WHAT IS A PASSWORD MANAGER?



It is a tool for storing and securing usernames and passwords.

- It can be **on-premises** or **synced to the cloud**. There are managers **built into web browsers**.
- It generates **strong and unique passwords** for each service, and allows **for autofill** of logins on websites and apps.

WHAT IS A PASSWORD MANAGER?



It is a tool for storing and securing usernames and passwords.

- It can be **on-premises** or **synced to the cloud**. There are managers **built into web browsers**.
- It generates **strong and unique passwords** for each service, and allows **for autofill** of logins on websites and apps.
- Some offer **biometric authentication** (e.g. Face ID, Touch ID) and a **built-in security audit** to check if passwords have been compromised.

FOCUS ON KEEPASS: A FREE AND SECURE MANAGER



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.

HOW?



FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.



HOW?

- Securely stores** passwords, IDs, sensitive notes, etc.

FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.



HOW?

- Securely stores** passwords, IDs, sensitive notes, etc.
- Encrypts data** with a master password.

FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.



HOW?

- Securely stores** passwords, IDs, sensitive notes, etc.
- Encrypts data** with a master password.
- Generates strong passwords** and OTPs (one-time codes for 2FA)

FOCUS ON KEEPASS: A FREE AND SECURE MANAGER

WHAT FOR?

- It is a **free and open source tool**.
- It is **customizable** and can be synchronized (via a secure cloud if desired, such as OneDrive, Google Drive, etc.).
- The **CNIL recommends the use of KeePass** in its best practice guides.



HOW?

- Securely stores** passwords, IDs, sensitive notes, etc.
- Encrypts data** with a master password.
- Generates strong passwords** and OTPs (one-time codes for 2FA)
- Compatible on several platforms** for example: Windows, iOS (KeePassium), Android (KeePass2Android)

IS YOUR PASSWORD COMPROMISED?

';--have i been pwned?

Check if your email address is in a data breach

email address

pwned?



ACTIVITY 1



TO REMEMBER:

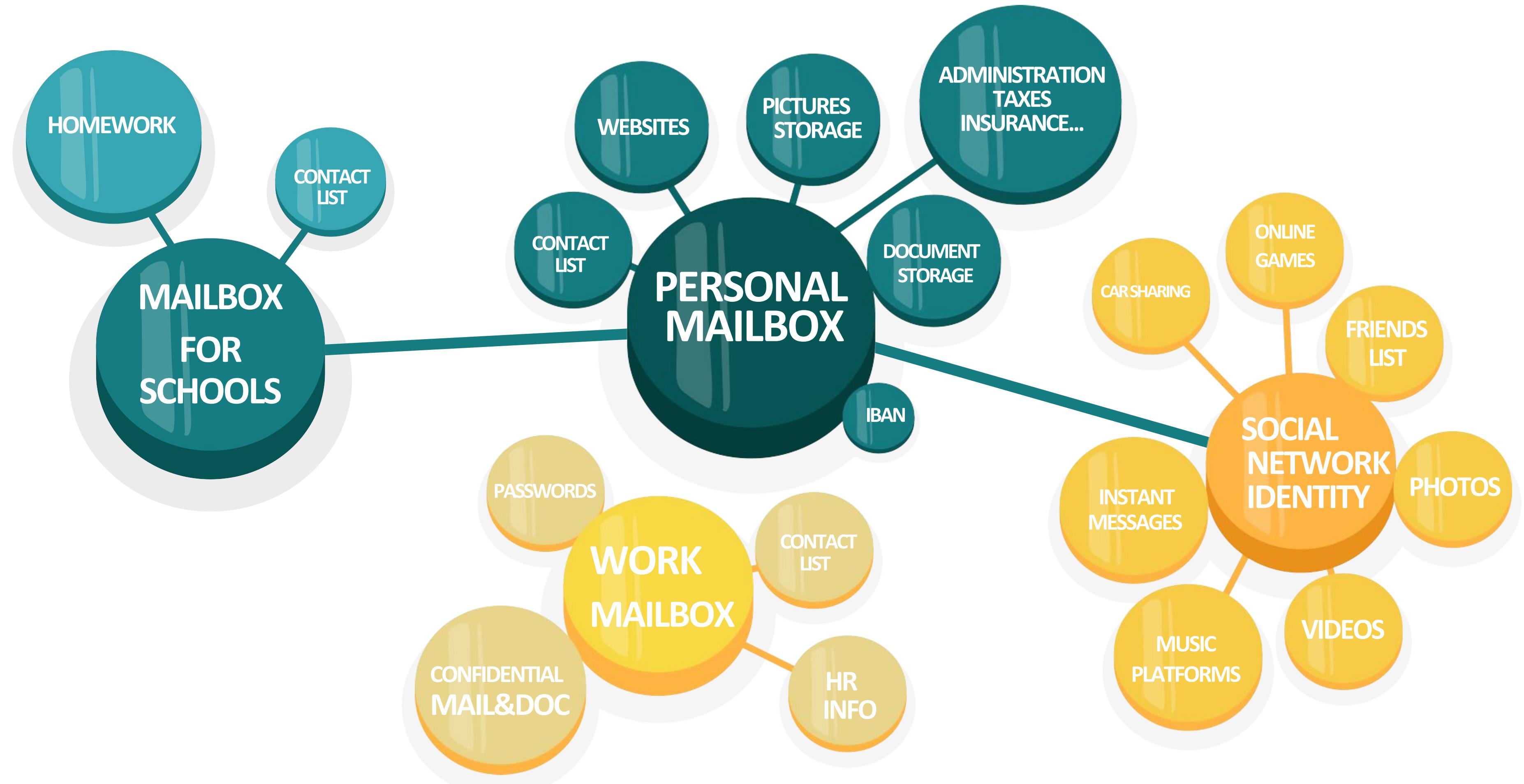
**SECURE ACCOUNTS AND DEVICES WITH STRONG PASSWORDS
OR PASSPHRASES**

**ENSURE THAT PASSWORDS OR PASSPHRASES ARE UNIQUE FOR
EACH ACCOUNT AND DEVICE**

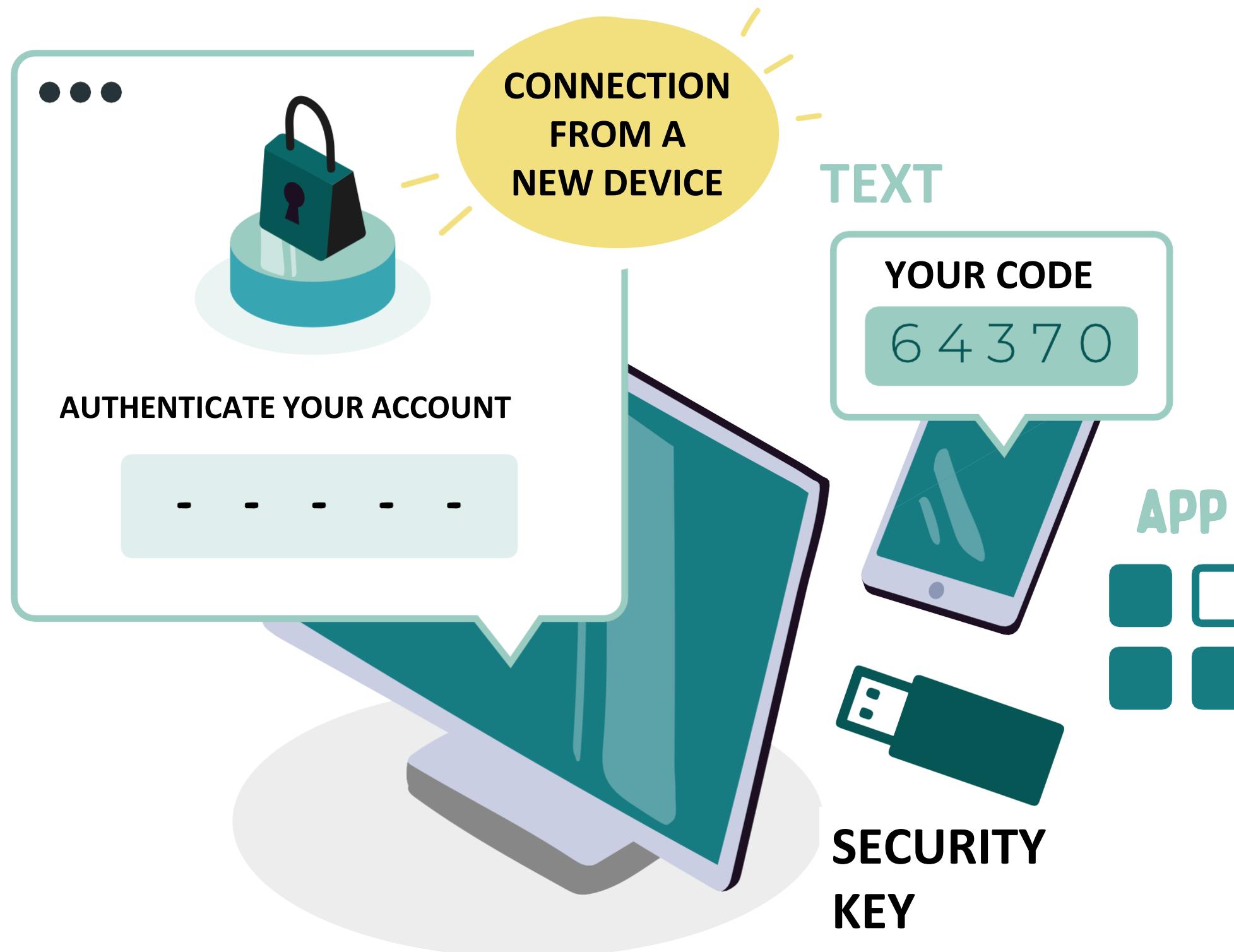


ACTIVITY 2

PROTECT YOUR MOST IMPORTANT ONLINE ACCOUNTS



HOW DOES TWO-FACTOR AUTHENTICATION WORK?



SOME SERVICES OFFERING TWO-FACTOR AUTHENTICATION

- Gmail, Outlook/Hotmail, Yahoo Mail...
- Facebook, Instagram, LinkedIn, Snapchat, TikTok, Twitter/X...
- Teams, WhatsApp, Zoom...
- Amazon, eBay, Paypal...
- Apple iCloud, Dropbox, Google Drive, OneDrive...

IF YOU USE ONE OF THESE SERVICES, ACTIVATE TWO-FACTOR AUTHENTICATION!

MULTI-FACTOR AUTHENTICATION (MFA)



MULTI-FACTOR AUTHENTICATION (MFA)

It is a security mechanism that requires **multiple forms of authentication** to access an account or service.



MULTI-FACTOR AUTHENTICATION (MFA)

It is a security mechanism that requires **multiple forms of authentication** to access an account or service.

MFA is used by **many platforms** like Facebook, Instagram, Twitter/X, Google, Amazon, and Outlook.



MULTI-FACTOR AUTHENTICATION (MFA)

It is a security mechanism that requires **multiple forms of authentication** to access an account or service.

MFA is used by **many platforms** like Facebook, Instagram, Twitter/X, Google, Amazon, and Outlook.

MFA strengthens digital identity by requiring **multiple verifications**, reducing the risk of spoofing.



ACTIVITY 2



CARD GAME

What MFA am I?

ACTIVITY 2



CARD GAME

WHAT MFA AM I?



WHAT I AM

ACTIVITY 2



CARD GAME

WHAT MFA AM I?



WHAT I AM



WHAT I KNOW

ACTIVITY 2



CARD GAME

WHAT MFA AM I?



WHAT I AM



WHAT I KNOW



WHAT I HAVE

ACTIVITY 2

WHAT MFA PROOF AM I?

username

password

forgot password?

LOGIN

YOU'VE KNOWN ME SINCE YOU
SIGNED UP SOMEWHERE.
I'M OFTEN TOO SHORT... OR
TOO SIMPLE. BUT WITHOUT ME,
YOU CAN'T GET THROUGH.



WHAT I AM



WHAT I KNOW



WHAT I HAVE

ACTIVITY 2

WHAT MFA PROOF AM I?

username

password

forgot password?

LOGIN

YOU'VE KNOWN ME SINCE YOU
SIGNED UP SOMEWHERE.
I'M OFTEN TOO SHORT... OR
TOO SIMPLE. BUT WITHOUT ME,
YOU CAN'T GET THROUGH.



WHAT I AM



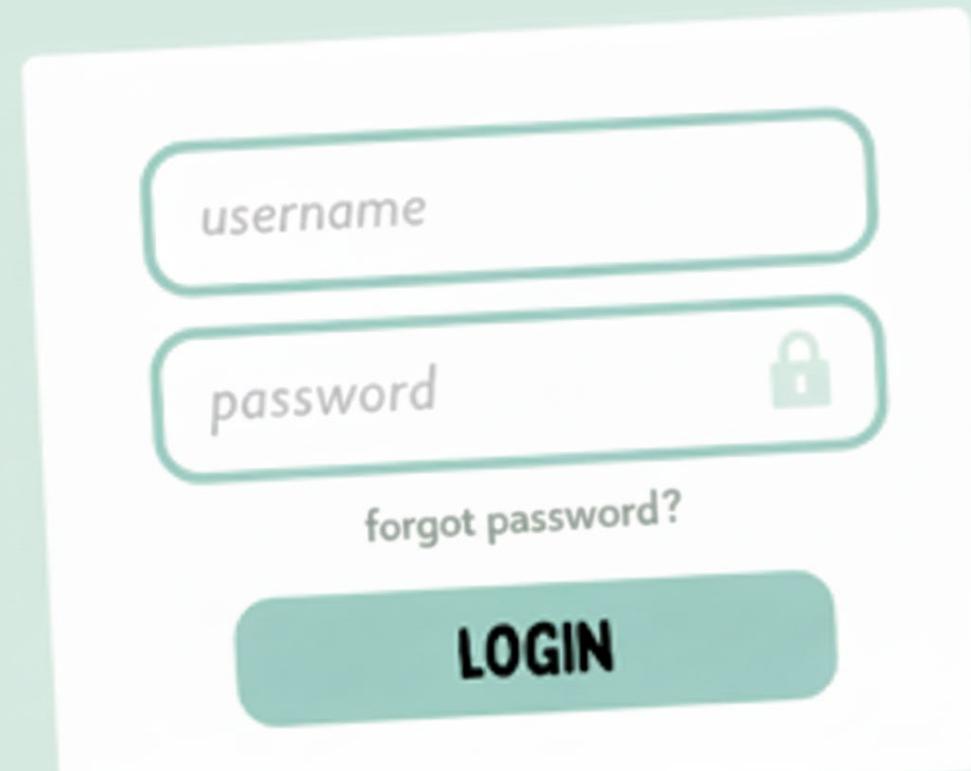
WHAT I KNOW



WHAT I HAVE

ACTIVITY 2

WHAT MFA PROOF AM I?

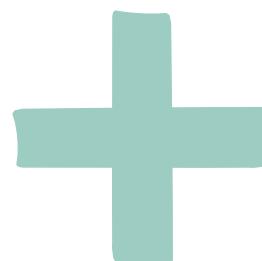


**YOU'VE KNOWN ME SINCE YOU
SIGNED UP SOMEWHERE.
I'M OFTEN TOO SHORT... OR
TOO SIMPLE. BUT WITHOUT ME,
YOU CAN'T GET THROUGH.**



WHAT I KNOW

Information known only to the user, used to authenticate themselves, such as a password, a PIN code or the answer to a secret question.



Easy to set up

Universally understood

No technology required

Can be forgotten

Often weak
or reused

Can be stolen
(phishing,
data leakage, etc.)

ACTIVITY 2

**WHAT MFA PROOF
AM I?**



I CAN BE IN YOUR POCKET, IN
YOUR HAND, OR EVEN IN YOUR
BAG. WITHOUT ME, YOU DON'T
HAVE THE CODE: EVERYTHING
DEPENDS ON ME.



WHAT I AM



WHAT I KNOW

YOU'VE KNOWN ME SINCE YOU
SIGNED UP SOMEWHERE.
I'M OFTEN TOO SHORT... OR
TOO SIMPLE. BUT WITHOUT ME,
YOU CAN'T GET THROUGH.

ACTIVITY 2

**WHAT MFA PROOF
AM I?**



I CAN BE IN YOUR POCKET, IN
YOUR HAND, OR EVEN IN YOUR
BAG. WITHOUT ME, YOU DON'T
HAVE THE CODE: EVERYTHING
DEPENDS ON ME.



WHAT I AM

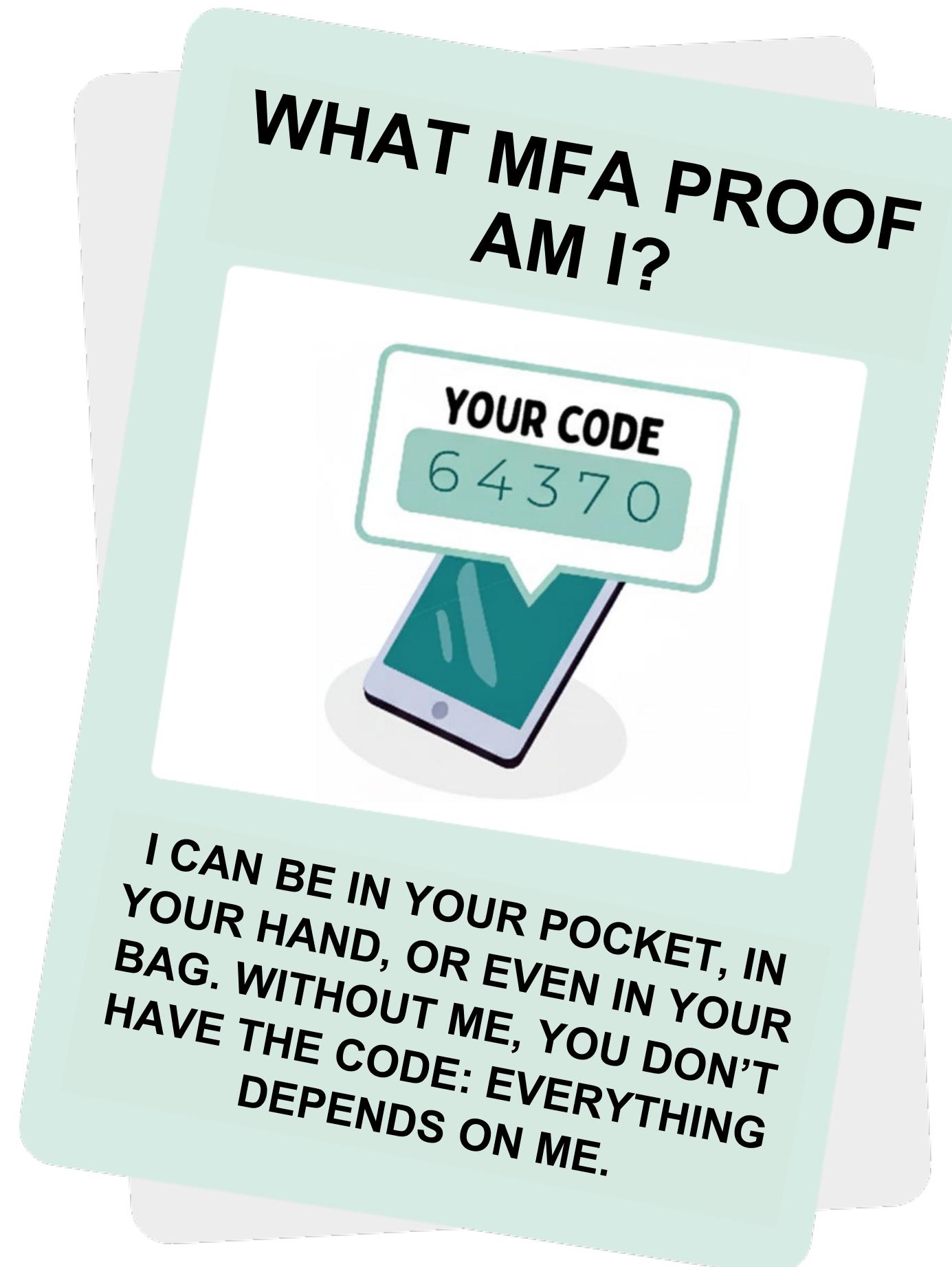


WHAT I KNOW



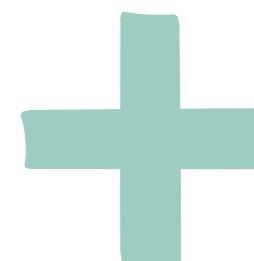
WHAT I HAVE

ACTIVITY 2



WHAT I HAVE

A physical or digital object that the user owns and that allows them to prove their identity.



Difficult to guess from a distance

Can be easily combined with other factors

More secure than a password alone

Loss or theft of the object = blocked access

Depends on the physical state of the object (battery, breakage...)

Can be intercepted (e.g. cloned SIM card)

ACTIVITY 2

WHAT MFA PROOF AM I?



I CAN'T BE WRITTEN DOWN ON PAPER. I'M SCANNED, BUT I NEVER CHANGE. AND THAT'S WHY PEOPLE LOVE ME FOR MY SIMPLICITY.



WHAT I AM



WHAT I KNOW



WHAT I HAVE

ACTIVITY 2

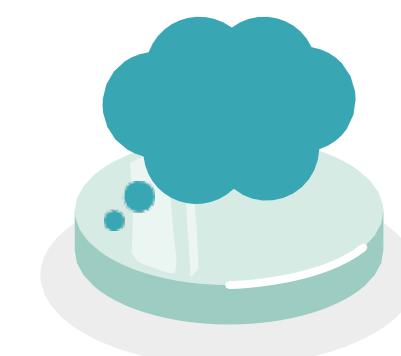
WHAT MFA PROOF AM I?



I CAN'T BE WRITTEN DOWN ON PAPER. I'M SCANNED, BUT I NEVER CHANGE. AND THAT'S WHY PEOPLE LOVE ME FOR MY SIMPLICITY.



WHAT I AM



WHAT I KNOW



WHAT I HAVE

ACTIVITY 2

WHAT MFA PROOF AM I?



I CAN'T BE WRITTEN DOWN ON PAPER. I'M SCANNED, BUT I NEVER CHANGE. AND THAT'S WHY PEOPLE LOVE ME FOR MY SIMPLICITY.



WHAT I AM

A unique biological characteristic of the user (physical identity).



Non-transferable and unique to each person

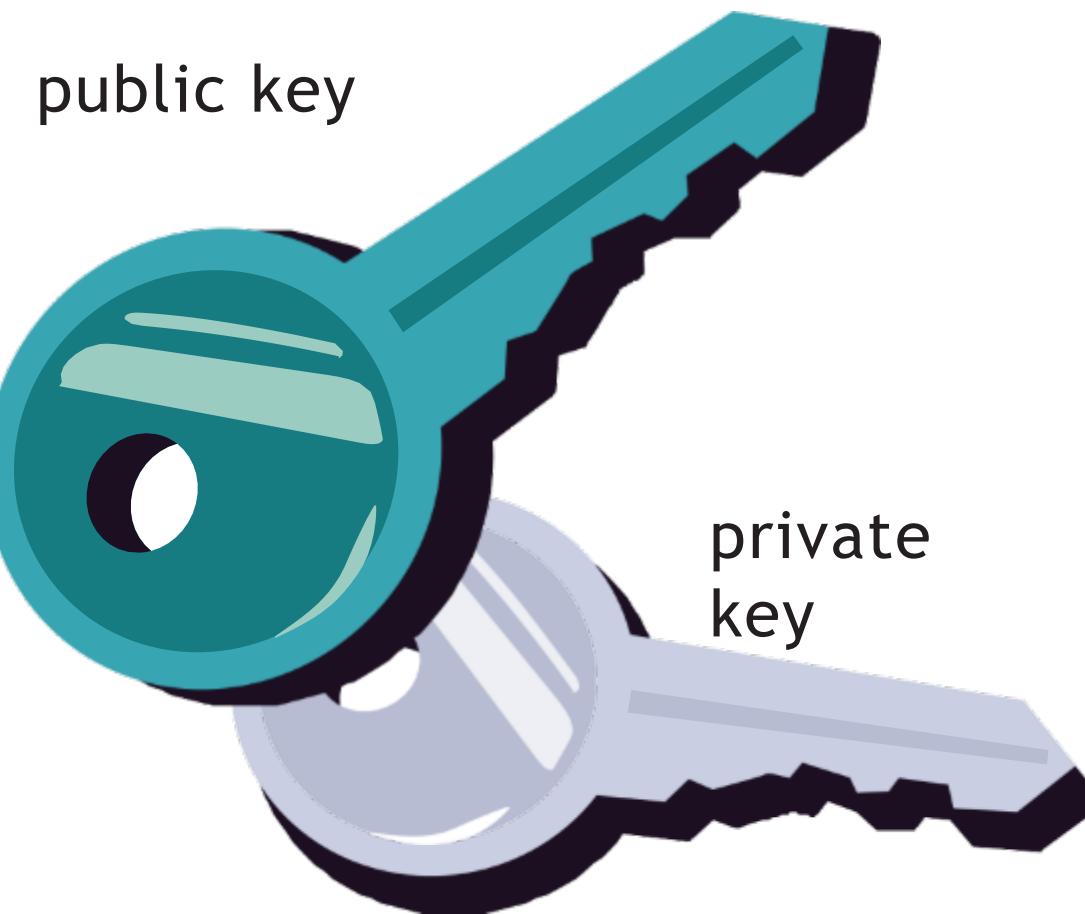
Very convenient and quick for unlocking

Difficult to falsify

Cannot be changed in the event of a leak or hack

Can malfunction depending on the conditions (light, sensor, injury...)

WHAT IS A PASSKEY?



User Recognition

A passkey is an authentication technology developed by the FIDO Alliance, an organization dedicated to creating secure alternatives to passwords, this method works in two steps:

1. Device recognition

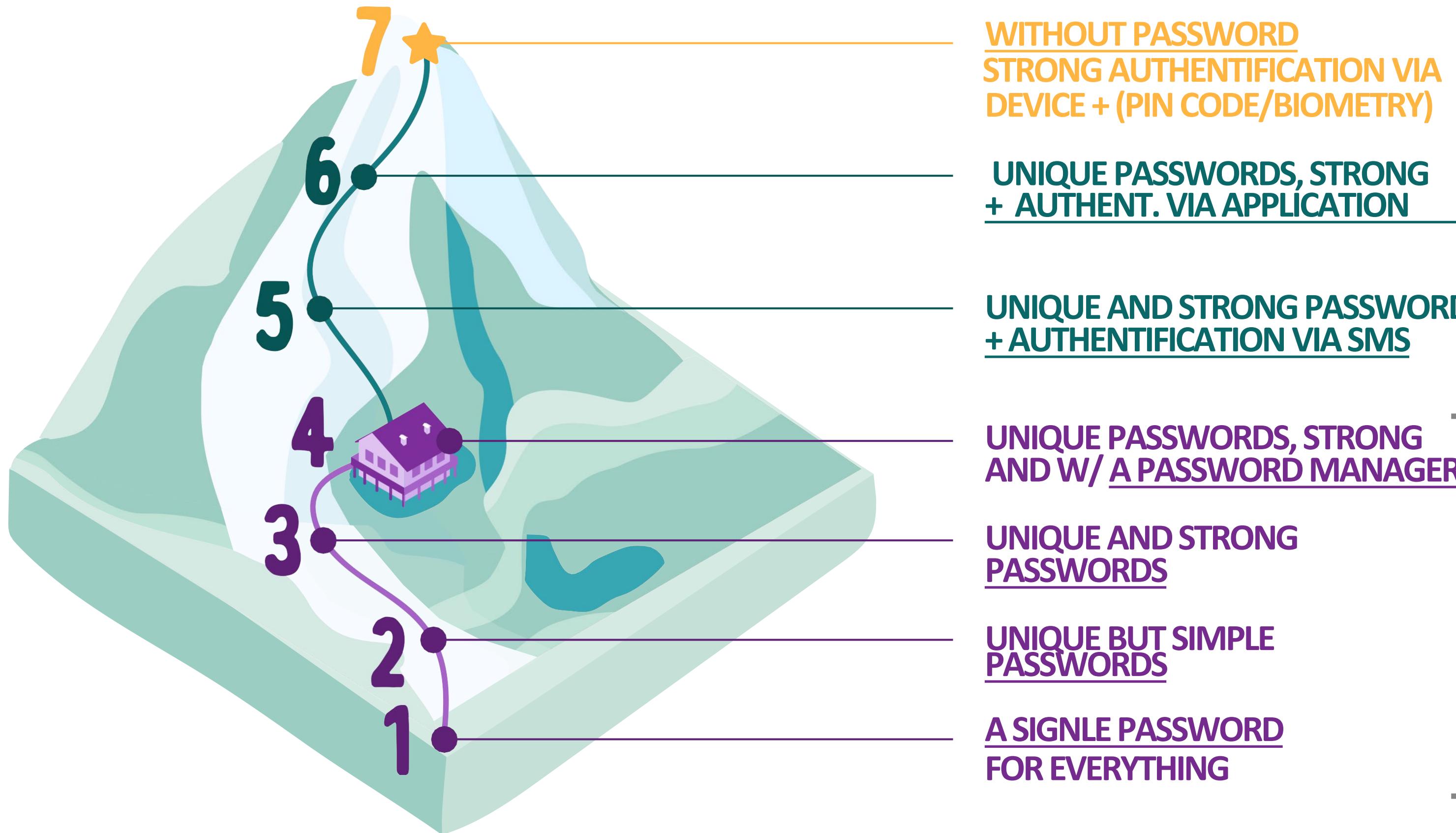
When registering for a service or application, two keys are generated: a public key and a private key. The private key, associated with your device, interacts with the public key, which is integrated into the service or application. When logging in, the public key validates the authenticity of the private key.

2. User Recognition

To ensure that the device is used by its rightful owner, a second layer of authentication is put in place. The user can choose from different methods: biometric unlocking, fingerprint, or PIN.

Thus, passkeys offer a secure and convenient solution, eliminating the risks associated with traditional passwords.

ACTIVITY 2



MAILBOX,
SOCIAL
NETWORKS
AND BANK
ACCOUNT

OTHER
WEBSITES



TO REMEMBER:

ENABLE TWO FACTOR AUTHENTICATION FOR YOUR MOST IMPORTANT ACCOUNTS AND SWITCH TO PASSWORD-FREE IF POSSIBLE

CREATE PASSWORDS AND PASSPHRASES THAT ARE EASY FOR YOU TO REMEMBER, BUT DIFFICULT FOR OTHERS TO GUESS

ACCESS YOUR ACCOUNTS ONLY FROM CONTROLLED AND TRUSTED DEVICES

USE A PASSWORD MANAGER TO CREATE A STRONG AND UNIQUE PASSWORD PER ACCOUNT: MANY SOLUTIONS EXIST, FOR EXAMPLE, THE FREE SOFTWARE: [KEEPASS](#)

CAUTIOUSLY REVIEW ALERT MESSAGES TO DETECT ANOMALIES SUCH AS LOGINS FROM UNUSUAL DEVICES OR LOCATIONS ON YOUR ACCOUNTS



ACTIVITY 3

ASK

YOUR CYBER-AI COACH



Vittascience is a **French educational platform** designed to facilitate access to **programming, artificial intelligence, science and technology**.



Vittascience is a **French educational platform** designed to facilitate access to **programming, artificial intelligence, science and technology**.

Secure



Vittascience is a **French educational platform** designed to facilitate access to **programming, artificial intelligence, science and technology**.

Secure

Free and without registration



Vittascience is a **French educational platform** designed to facilitate access to **programming, artificial intelligence, science and technology**.

Secure

Free and without registration

Diversity of AI models

The screenshot shows the homepage of the Vittascience website. At the top, there is a navigation bar with links for Programming, AI, Resources, Classroom, Hardware, Premium (marked as NEW), and user account icons. The main heading is "Discover artificial intelligence, robotics and computer programming with ease". Below this, a sub-headline states: "Vittascience is an educational platform designed for learning AI and coding, offering innovative tools for teaching. Program cards, robots, games, etc., the only limit is your imagination!". A large central image displays a tablet screen showing a Python code editor with a Micro:bit project. The code is as follows:

```
from microbit import *
while True:
    display.show(Image.HEART)
```

Surrounding the tablet are icons for a brain, a Micro:bit board, and an STM32 chip. Below the main section, there is a "Latest News" section with a thumbnail of two children at a computer, a "REPLAY" button, and a link to "Access the blog >". There are also three other news cards: "IA, codage et robotique : les essentiels pour bien démarrer l'année avec Vittascience", "Nouvelles langues disponibles !", and "Interface Codey Rocky".

To access the site by typing "vittascience"
or typing <https://en.vittascience.com/ia/text> in your web browser

The screenshot shows the Vittascience website homepage. At the top, there's a navigation bar with links for Programming, AI, Resources, Classroom, Hardware, Premium (NEW), and user icons. The main heading is "Discover artificial intelligence, robotics and computer programming with ease". Below it, a subtext says "Vittascience is an educational platform designed for learning AI and coding, offering innovative tools for teaching. Program cards, robots, games, etc., the only limit is your imagination!" A "Start programming >" button is visible. To the right, there's a large circular graphic featuring a brain icon, a Micro:bit icon, a Python logo, and an STM32 icon, all connected by dashed lines to a central tablet screen displaying a Scratch-like programming interface. Below this, there's a section titled "Latest News" with a "REPLAY" video thumbnail and a link to "Access the blog >". There are also three news cards: one about AI, robotics, and programming essentials; one about new languages available; and one about the Interface Codex Rocky.

vitta science

Programming AI Resources Classroom Hardware Premium NEW

Start programming >

Latest News

Access the blog >

IA, codage et robotique : les essentiels pour bien démarrer l'année avec Vittascience

Nouvelles langues disponibles !

Interface Codex Rocky

Go to the “AI” area

The screenshot shows the vitta science AI interface. At the top, there are navigation links: Programming, AI Resources, Classroom, Hardware, Premium NEW, and icons for user profile, search, help, and settings.

Generate text and images with AI

- Text Generation**
Talk to an LLM (Large Language Model) and train it to respond to you!
- Image Generation**
Create images from a prompt

Train your AI to recognize images, sounds, and postures !

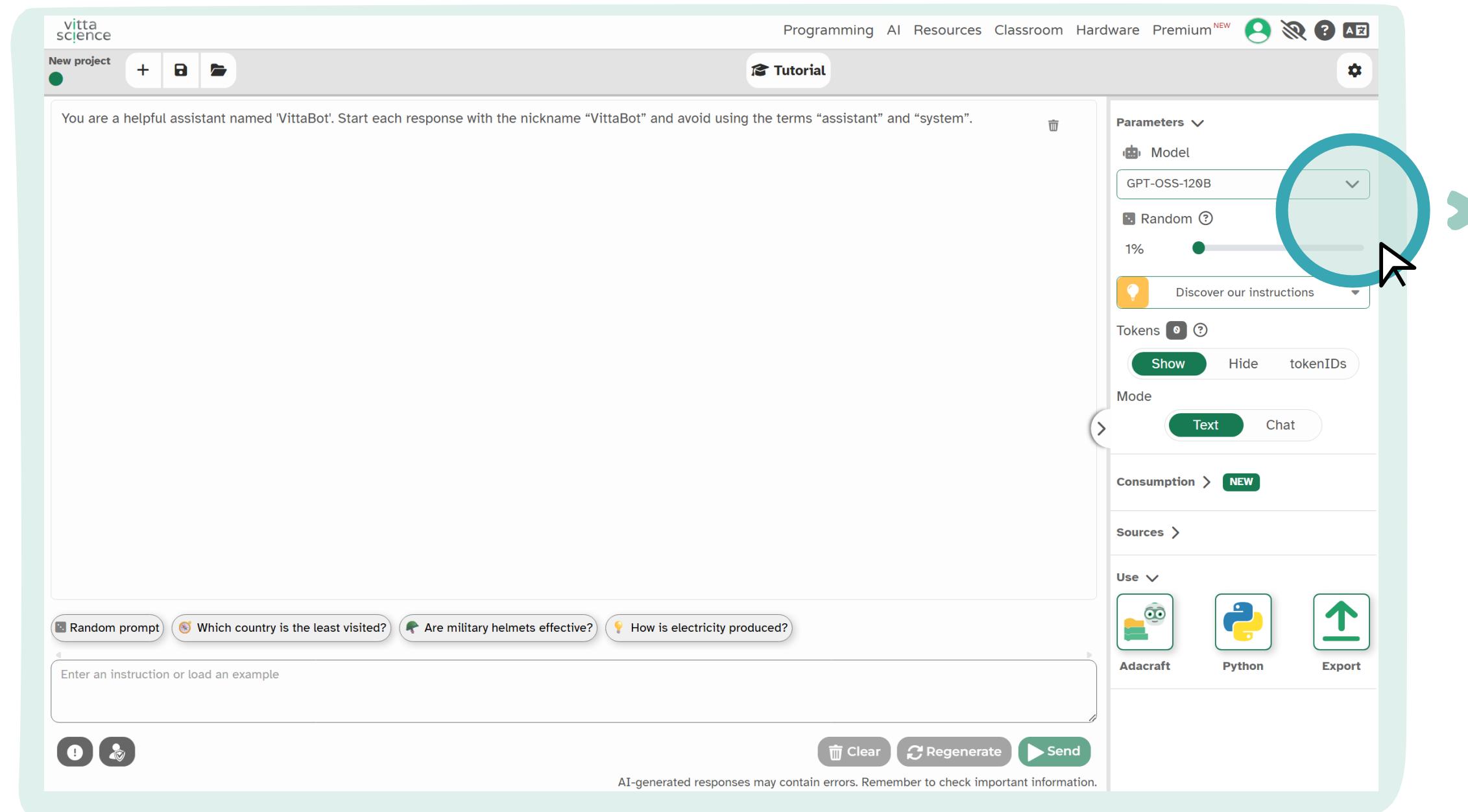
- Images**
Train an AI to recognize images
- Sounds**
Train an AI to recognize sounds
- Postures**
Train an AI to recognize posture
- Sensor Data**
Train an AI to recognize sensor data!

Get started with the interface

Four green cards are shown, each featuring a brain icon and text in French:

- Entraînement IA BETA
L'interface entraînant l'intelligence artificielle
- Entraînement IA
L'interface entraînant l'intelligence artificielle
- VITA SCIENCE Adasoft
L'interface entraînant l'intelligence artificielle
- Webinar
Intelligence Artificielle

Select "Text Generation"



Choose a model

Mixtral-nemo created by: parameters: 24.7 Mrd ⚡ context: 32k Tokens ⓘ
An advanced conversational AI model optimized for understanding and generating precise responses to complex instructions. Ideal for technical support and data analysis.
strengths: Advanced contextual understanding, structured response generation, adaptability to complex queries.

Mistral-small created by: parameters: 24B ⚡ context: 128k Tokens ⓘ
Mistral-Small-3.2-24B-Instruct-2506 is an updated version of Small 3.1, with improved accuracy in instruction following. It supports both text and images (text-image capability), making it suitable for use cases such as document understanding, visual question answering, and multimodal content generation.
strengths: Its main strengths include improved instruction following and reduced repetitive responses. It also offers a more robust function-calling model and advanced text-image capabilities.

GPT-4o-mini created by: parameters: 8 Mrd ⚡ context: 128k Tokens ⓘ
gpt-4o-mini is a very versatile and efficient language model that can be used in various applications
strengths: Affordable and intelligent small model for fast, lightweight tasks. GPT-4o mini is cheaper and more capable than GPT-3.5 Turbo.

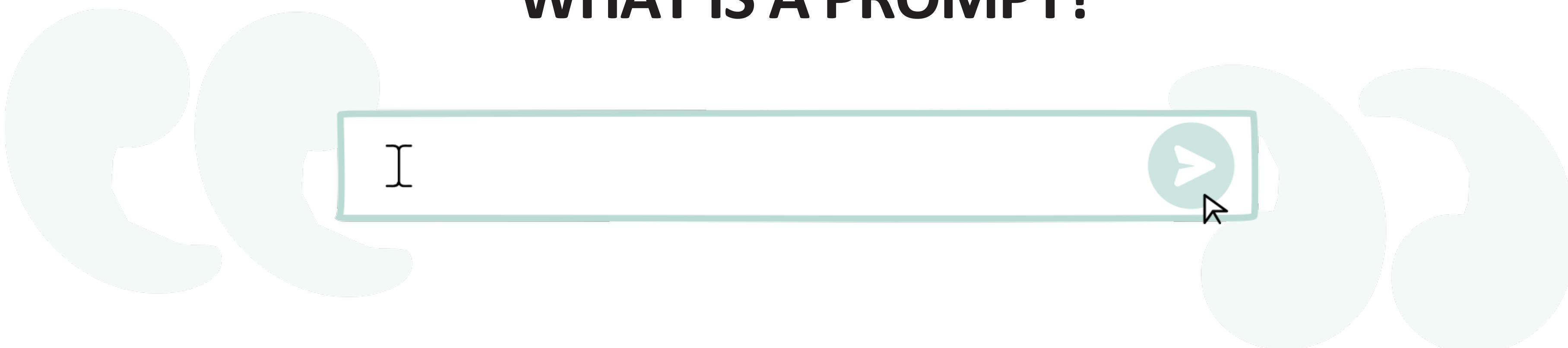
GPT-OSS-120B created by: parameters: 120B ⚡ context: 128k Tokens ⓘ
GPT-OSS-120B is a very powerful AI model created by OpenAI. It is designed to understand complex instructions, reason about various topics, and work with large volumes of text. Despite its impressive size, it can run on a single powerful machine, making it more accessible for research and development.
strengths: Advanced instruction understanding, ability to handle long conversations or documents, capability to use tools such as web search or code execution, and excellent performance in various fields like reasoning and programming.

Choose an AI model

Choose **Mixtral** or **GPT-4-mini**. In both cases, reduce the randomness share to 1% so that the selected model follows the instructions as accurately as possible and behaves more deterministically.

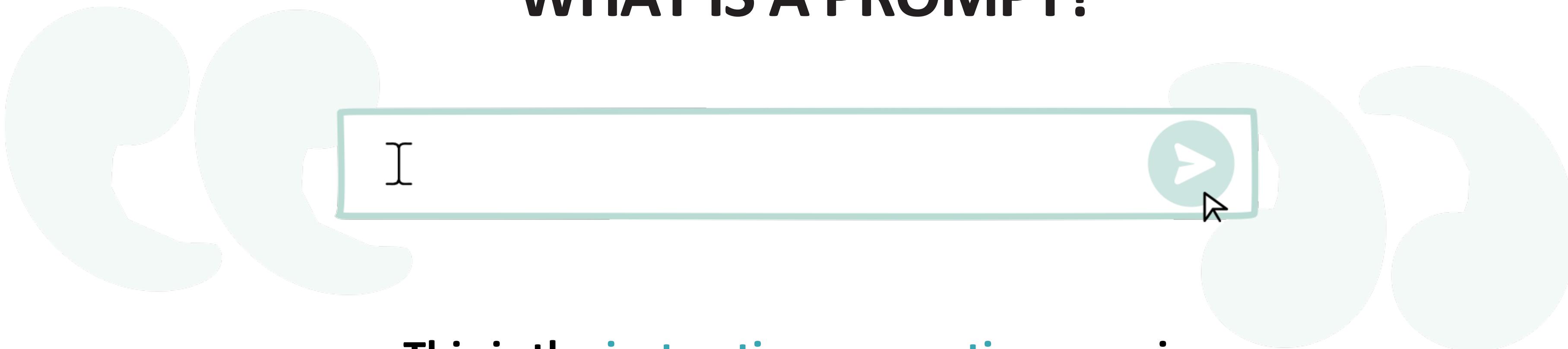
FOCUS

WHAT IS A PROMPT?



FOCUS

WHAT IS A PROMPT?



This is the **instruction or question** you give
to an artificial intelligence
so that it knows what to answer you.

ACTIVITY 3

<https://aka.ms/prompt-cyber>



Copy and paste the prompt "cybersecurity coach" into the instruction bar and send



You can now interact with your cybersecurity coach!

Some examples of prompts:

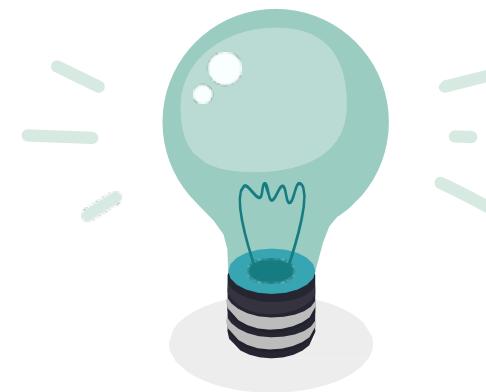
I have an iPhone, how do I activate a password manager?

Explains the principle of MFA.

How do I secure my social networks?

How do I install KeePass?

How does the OTP work with KeePass?



TO REMEMBER :

AI CAN HELP YOU BETTER UNDERSTAND CYBERSECURITY:
BY MAKING A CLEAR REQUEST (CALLED A "PROMPT"),
YOU CAN ASK IT.

AI GUIDES YOU, BUT IT DOESN'T DO EVERYTHING FOR YOU. IT GIVES YOU THE STEPS, OFFERS YOU SOLUTIONS (SUCH AS USING KEEPASS), BUT IT'S UP TO YOU TO FOLLOW THE INSTRUCTIONS ON YOUR DEVICE (COMPUTER OR PHONE).

THE OBJECTIVE IS TO LEARN TO BE AUTONOMOUS AND RESPONSIBLE. USING AI TO HELP YOU SECURE YOUR ACCOUNTS ISN'T CHEATING, IT'S LEARNING HOW TO USE MODERN TOOLS TO BETTER PROTECT YOURSELF ONLINE.

JOB^S IN CYBERSECURITY ARE JOBS OF THE FUTURE AND EXCITING!

DEVELOP YOUR CRITICAL THINKING SKILLS TO AVOID THE DANGERS OF TECHNOLOGY!

IF IT'S TOO GOOD TO BE TRUE, IT CERTAINLY IS!

REPORTING SCAMS IS ESSENTIAL!

IT IS BETTER TO HAVE SEVERAL PASSWORDS, AS ONE HAS SEVERAL KEYS!

FOR THE MOST IMPORTANT ACCOUNTS, DOUBLE AUTHENTICATION IS REQUIRED!



THANK YOU!

Version 3.0 - September 2025

This document was written by cybersecurity professionals and under the artistic direction of Claire Lacroix.

This document is licensed under [a Creative Commons Attribution 4.0 International – \(CC BY 4.0\) license](#). It can be consulted at the following address: <https://aka.ms/cyberkit>

This project was carried out with the active contribution of Belle Yackounda, Colette Mengue M'ella, Donia Mbang Obiang and Gad Nguette Fane (ESAIP students), as well as Alexandre Lafargue, Arnaud Jumelet, Céline Corno, Grégory Schiro, Guillaume Aubert, Haifa Bouraoui, Helena Pons-Charlet, India Giblain, Jean-Marie Letort, Manuel Bissey, Sabine Royant, Samuel Gaston-Raoul and Thierry Matusiak.