

Eliminating all vulnerable passwords across your entire organization

ISACA Round Table

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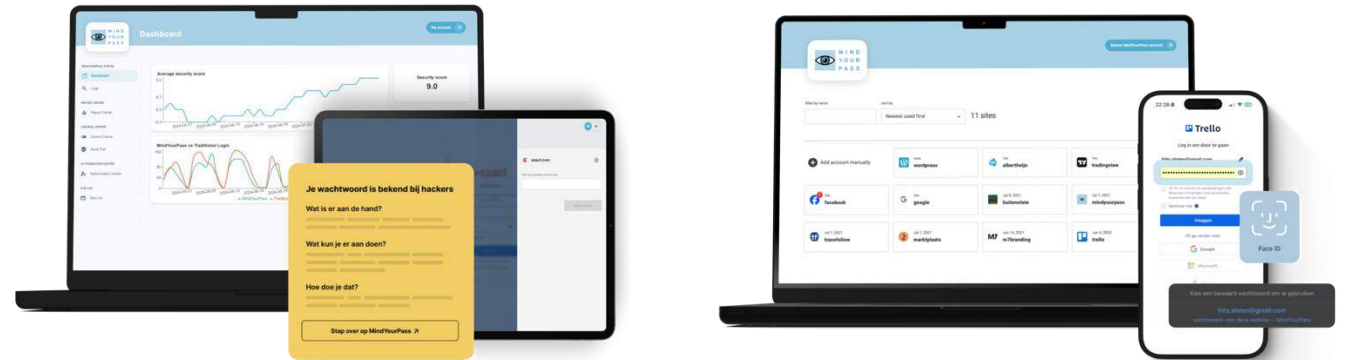
www.mindyourpass.io





MIND
YOUR
PASS

Password management 2.0



Netherlands



Founded in 2019



High Tech Campus Eindhoven

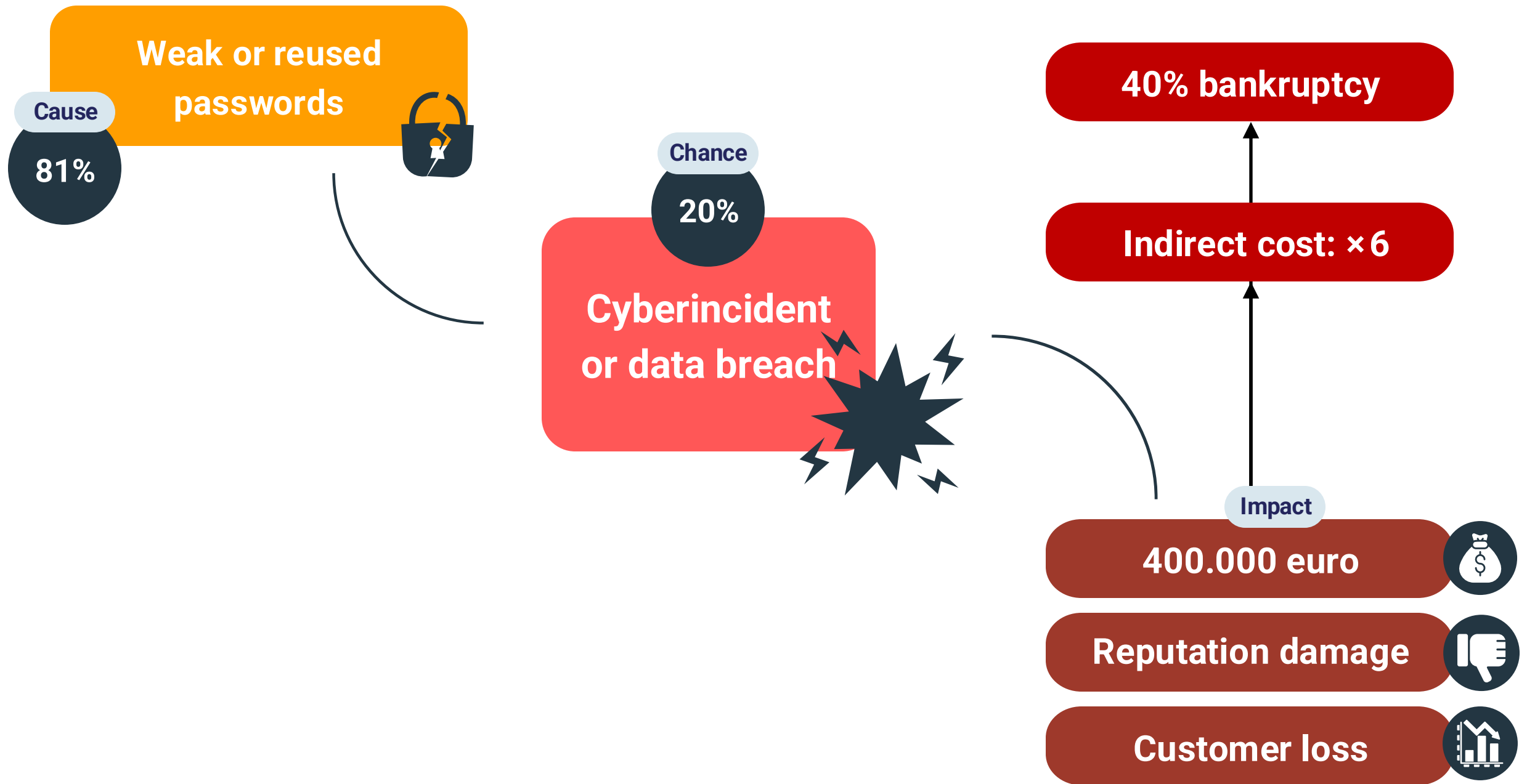
We make vulnerable passwords **impossible**

W02017220636A1 - Password generation device and password verification device

W02022128659A1 - Password management system, device and method of the same



Weak and reused passwords play an important role in 81% of cyberattacks





"Ik heb geen idee of onze medewerkers überhaupt sterke of unieke wachtwoorden gebruiken. We hebben daar gewoon geen zicht op."

— Marianne, CISO



"Ik weet simpelweg niet op welke websites en online services medewerkers dagelijks inloggen. En dat voelt niet goed."

— Sandra, IT manager



"We hebben een wachtwoordkluis aangeschaft, maar eerlijk gezegd zie ik nauwelijks adoptie. Het merendeel doet gewoon nog z'n eigen ding."

— Bas, Teamlead IT Operations



"Ons wachtwoordbeleid staat keurig op papier, maar in de praktijk houdt bijna niemand zich eraan. De kloof is enorm."

— Linda, Compliance Officer



"Ik lig soms wakker van het idee dat één zwak wachtwoord ons kan opzadelen met een datalek of erger."

— Rachid, Privacy Officer



"Eén zwak wachtwoord... meer hoeft het niet te zijn. Dat kan leiden tot een hack met enorme gevolgen: financieel verlies, reputatieschade, of zelfs faillissement. De continuïteit van mijn bedrijf staat dan serieus op het spel."

— Vera, CEO



Tuurlijk hergebruik ook ik wachtwoorden en heb ik gewoon mijn lijstje... wat moet ik anders? Het zijn er zoveel, dat is anders niet bij te houden."

— Daniëlle, Productmedewerker marketing



Laws & regulations,
Standards frameworks,
Certifications,



...



Paper policy, always!

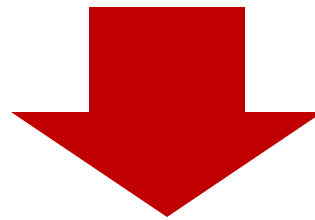
Policy **versus** behavior

Awareness,
training,
instructions,

...



Unsafe behavior



Breached



Reused

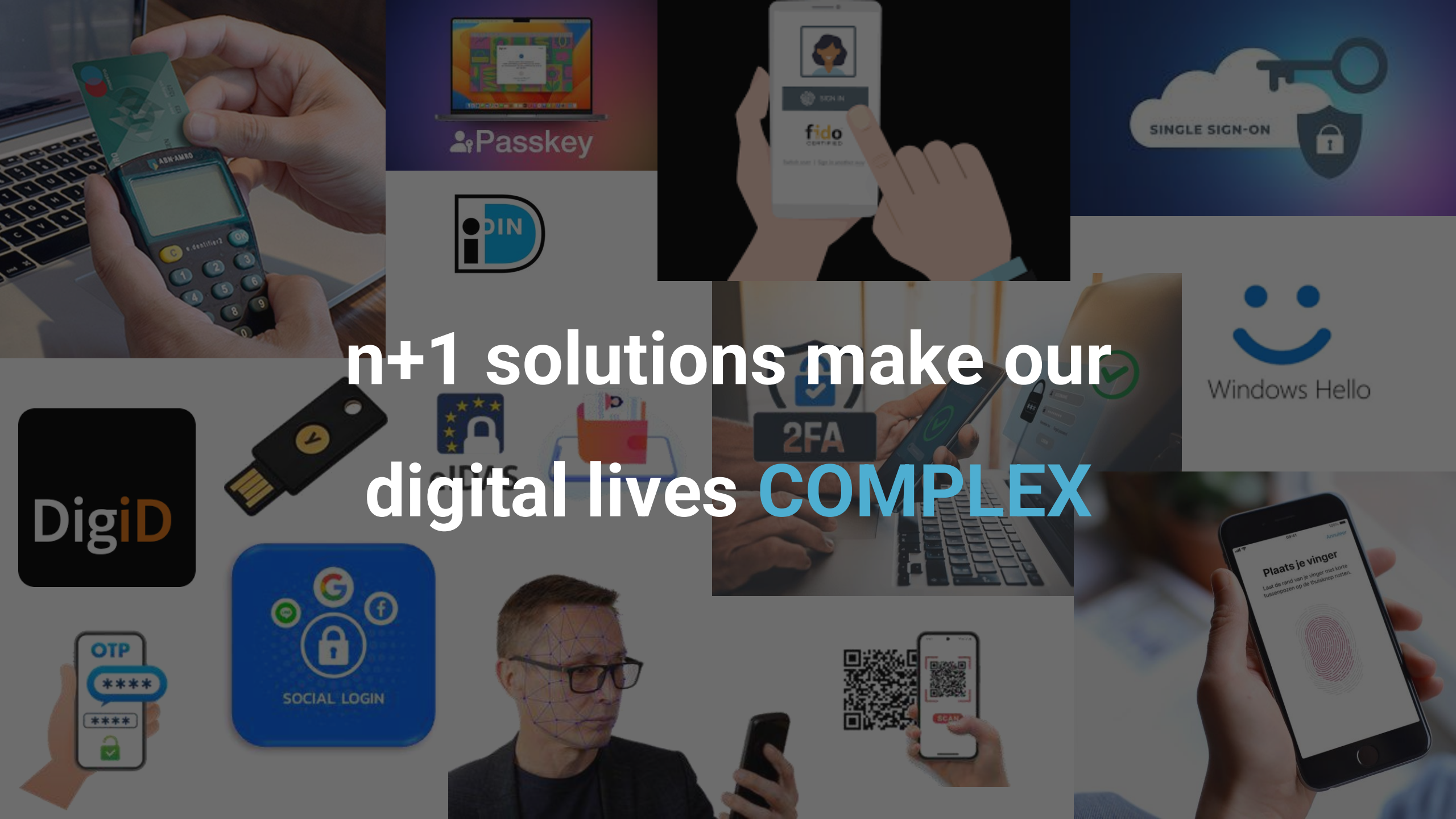


Weak

Intermezzo

Why passwords will stay for a while

n+1 solutions make our
digital lives **COMPLEX**



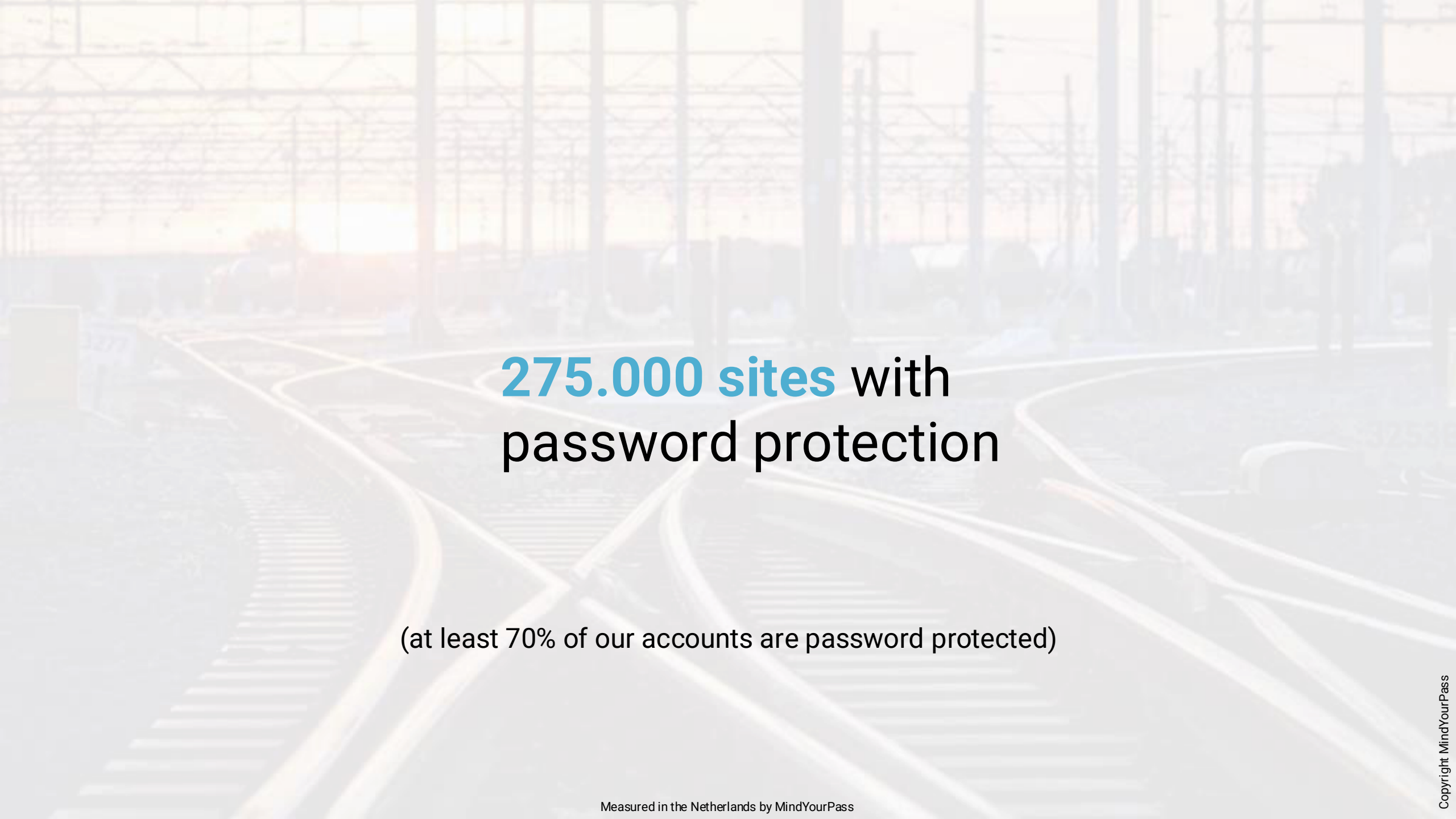


Infrastructure is hard to change





**How many sites
actually exist?**

The background of the slide is a photograph of a railway track at sunset. The tracks curve into the distance, with overhead power lines and support poles visible. The sky is a mix of orange and blue, and the overall scene is slightly blurred, giving it a sense of depth and movement.

275.000 sites with
password protection

(at least 70% of our accounts are password protected)

275.000 sites with password protection

www.passkeys.io/who-supports-passkeys

48

224

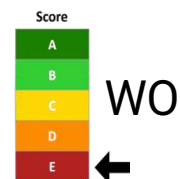
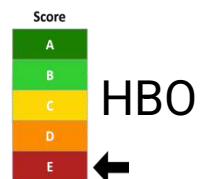
My private accounts

75

My business accounts

Passwords will stay for a while

When did you learn to deal with digital identities?



“Passwords are one of the biggest frustrations among employees. It is a constant hassle with forgotten login details.”

— **Nienke de Groot**, HR Manager

**UNCONSCIOUSLY
INCOMPETENT**

“ We have purchased a password vault, but honestly I see very little adoption. Most people are still doing their own thing.”

— **Bas de Vries**, Teamlead IT Operations

**CONSCIOUSLY
INCOMPETENT**

**CONSCIOUSLY
COMPETENT**

**UNCONSCIOUSLY
INCOMPETENT**

**UNCONSCIOUSLY
COMPETENT**

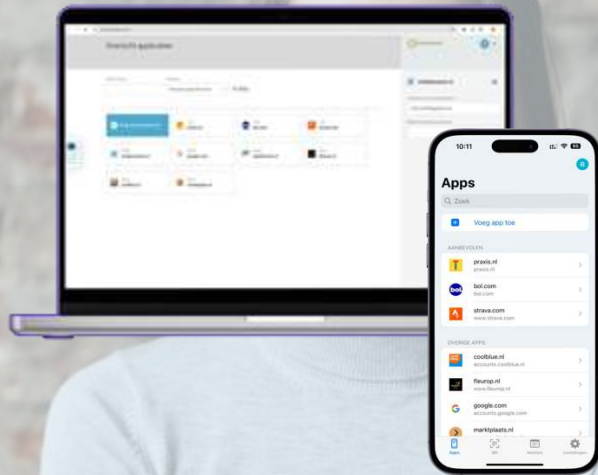
600 employees



MIND
YOUR
PASS

Easy and secure login
For employees

Risk/compliance-based access control
For the organization



Password manager



Dashboard & Control Center

Identify
Measure password security



Improve
Improve password security



Insist
Enforce password security



100% Password security



Identify Measure password security



65% of signins is non-business: **private** or **shadow-IT**

60% of passwords are **reused**

45% of passwords is too **weak**

25% of passwords is **breached**

5% **adoption** of business password manager



Identify
Measure password security

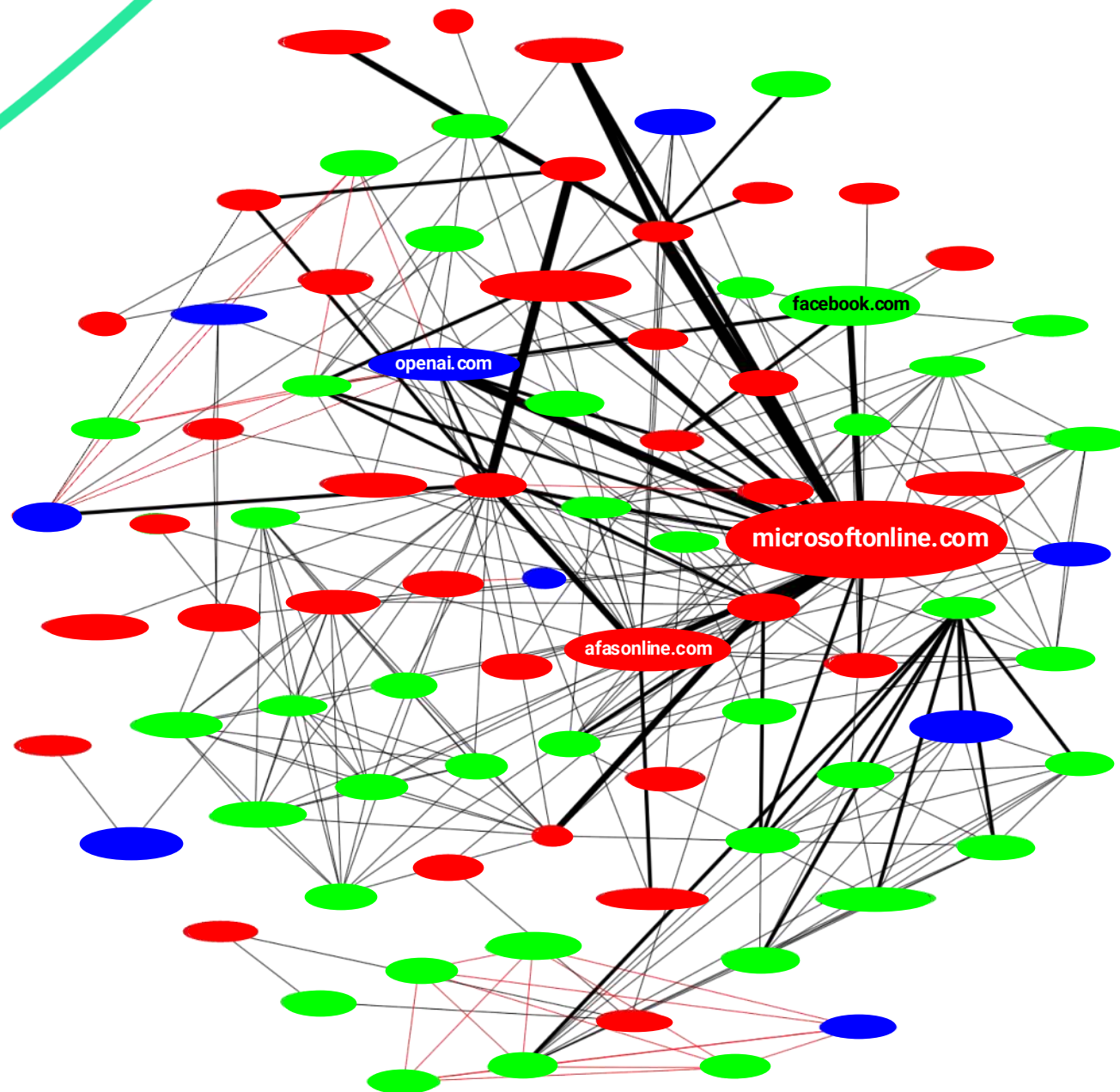


Password reuse between

Business

Private

Shadow-IT



Identify
Measure password security



Trending & benchmarking

Gemeenten 2024

(675.000 inlogs)



Basisonderwijs 2024

(44.400 inlogs)



Identify
Measure password security



Improve
Improve password security



Insist
Enforce password security



100%

Password security



Improve
Improve password security



Vaultless password manager

bol.
Inloggen

E-mailadres
mulderanna039@gmail.com

Wachtwoord

[Wachtwoord vergeten?](#)

Inloggen

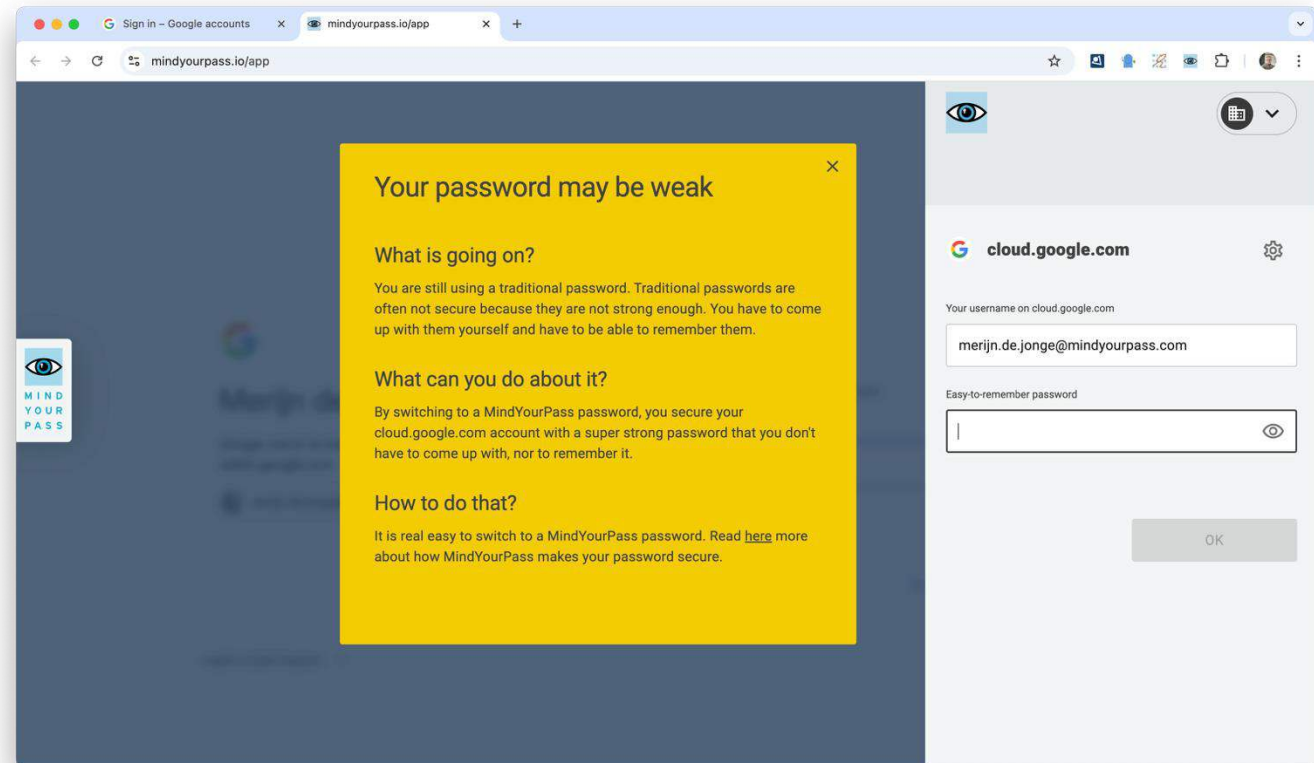
Ben je nog niet bekend bij ons? Maak dan eerst een nieuw account aan [voor jezelf](#) of [je bedrijf](#).

[Privacy](#) [Cookies](#)

Improve
Improve password security



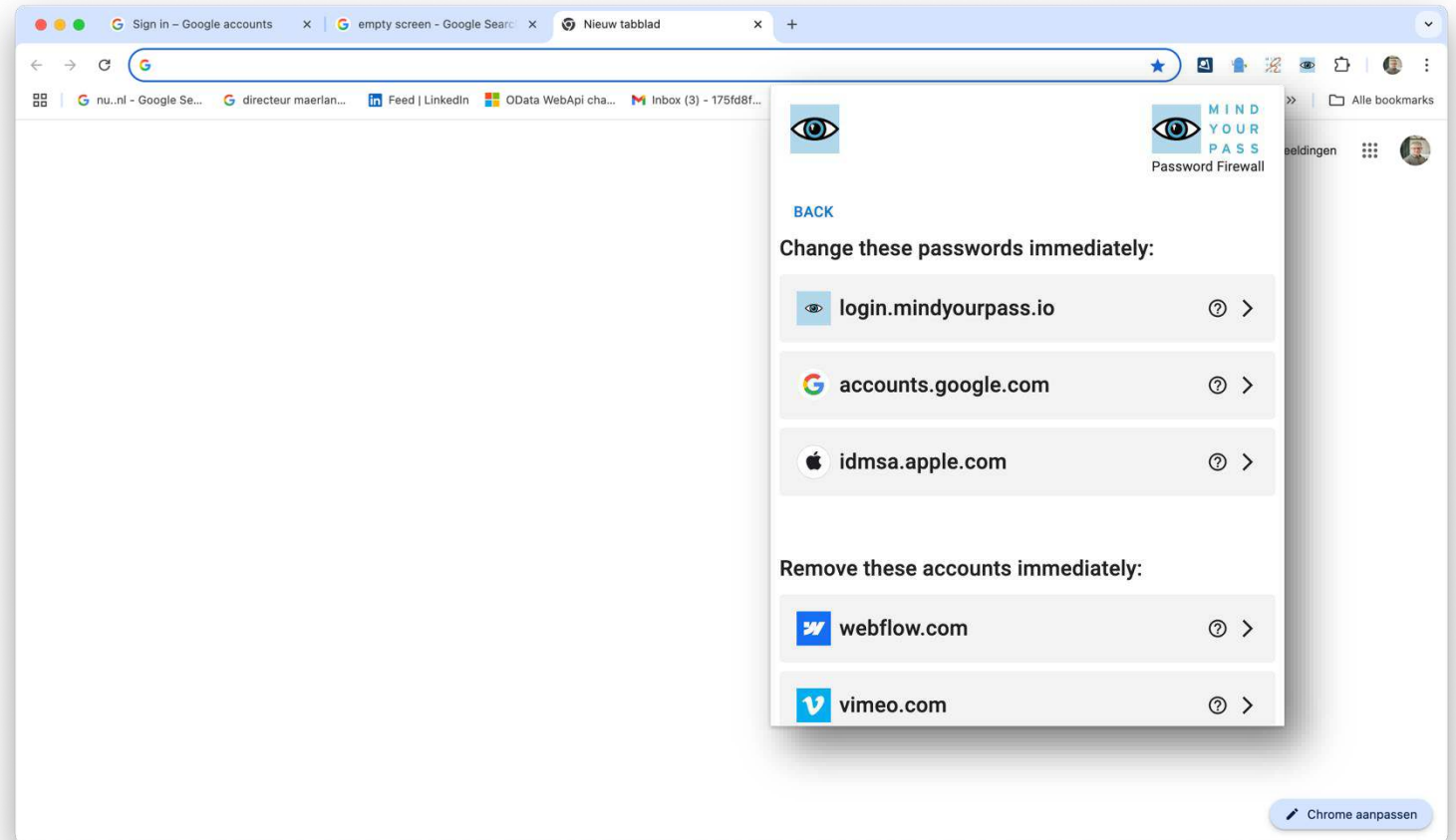
Awareness-on-the-job



Improve
Improve password security



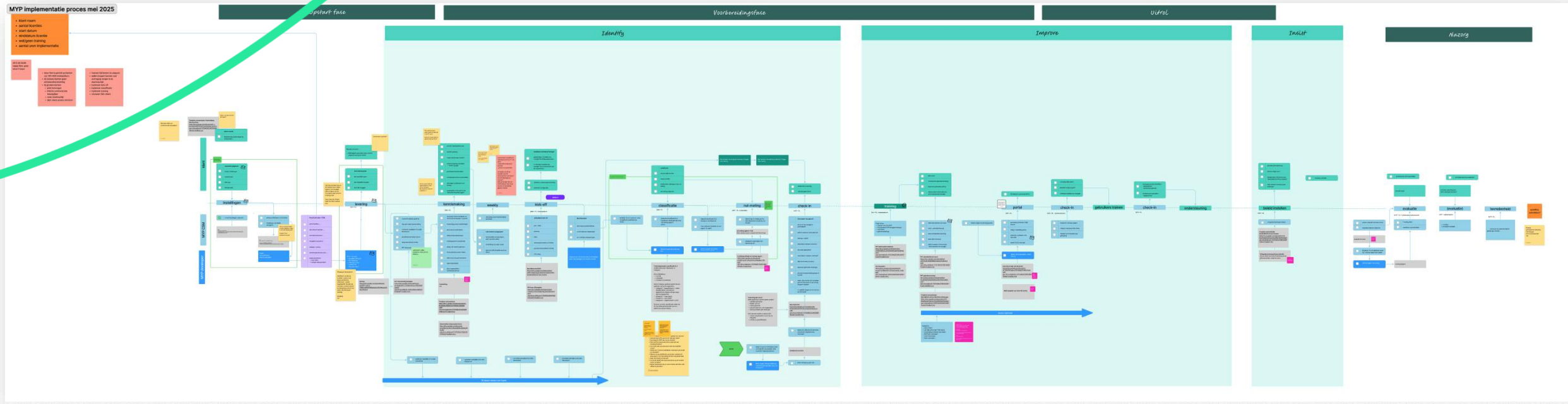
Personalized policies



Improve
Improve password security



Experienced-based adoption program



Identify
Measure password security



Improve
Improve password security



Insist
Enforce password security



100%

Password security



Insist
Enforce password security



100% Password security

Data-driven risk assessment

Category	#Applications	Weakness	Reused	Compromised	Score
Cat1	14	2,0 A	24,5% C	1,9% C	C
Cat2	20	2,6 A	44,9% E	11,5% D	E
Cat3	49	2,2 A	39,3% D	3,3% C	D
Cat4	517	2,6 A	57,1% E	12,2% D	E

MIND
YOUR
PASS

MINDYOURPASS PORTAL

Dashboard

Logs

CONTROL CENTER

Control Center

Audit Trail

AUTHORIZATION CENTER

Authorization Center

SUBSCRIPTION CENTER

Subscription Center

SITE CLASSIFICATION

Site Classification

Site Classification

Site (1302)	Type	Impact Category
cloud.com	Business	CAT1 - Very high impact
diginetwerk.net	Business	CAT1 - Very high impact
ibabs.eu	Business	CAT1 - Very high impact
iburgerzaken.nl	Business	CAT1 - Very high impact
jouwgemeente.nl	Business	CAT1 - Very high impact
kaartviewer.nl	Business	CAT1 - Very high impact
lcms.nl	Business	CAT1 - Very high impact
microsoftformportals.com	Business	CAT1 - Very high impact
obsurv.nl	Business	CAT1 - Very high impact
openburgerzaken.nl	Business	CAT1 - Very high impact
stadsbeheer-leef.nl	Business	CAT1 - Very high impact
timeblockr.com	Business	CAT1 - Very high impact
zorgned.nl	Business	CAT1 - Very high impact
digid.nl	Shadow_IT	CAT2 - High impact
digidentity.eu	Shadow_IT	CAT2 - High impact
officeapps.live.com	Shadow_IT	CAT2 - High impact

Insist
Enforce password security



100%

Password security

Risk-based password policies

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PASS

MINDYOURPASS PORTAL

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Audit Trail

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Authorization Center

SUBSCRIPTION CENTER

Subscription Center

SITE CLASSIFICATION

Site Classification

Protection levels

	Starter	Bronze	Silver	Gold	Platinum
Strong password		⚠	!	!	!
Not stolen		⚠	!	!	!
Correct owner		⚠	⚠	!	!
Not reused		⚠	⚠	⚠	!
MYP	⚠	⚠	⚠	⚠	!

Default protection levels

Require MFA	Managed Level	Unmanaged Level
No	Gold	Silver

Protection levels per website

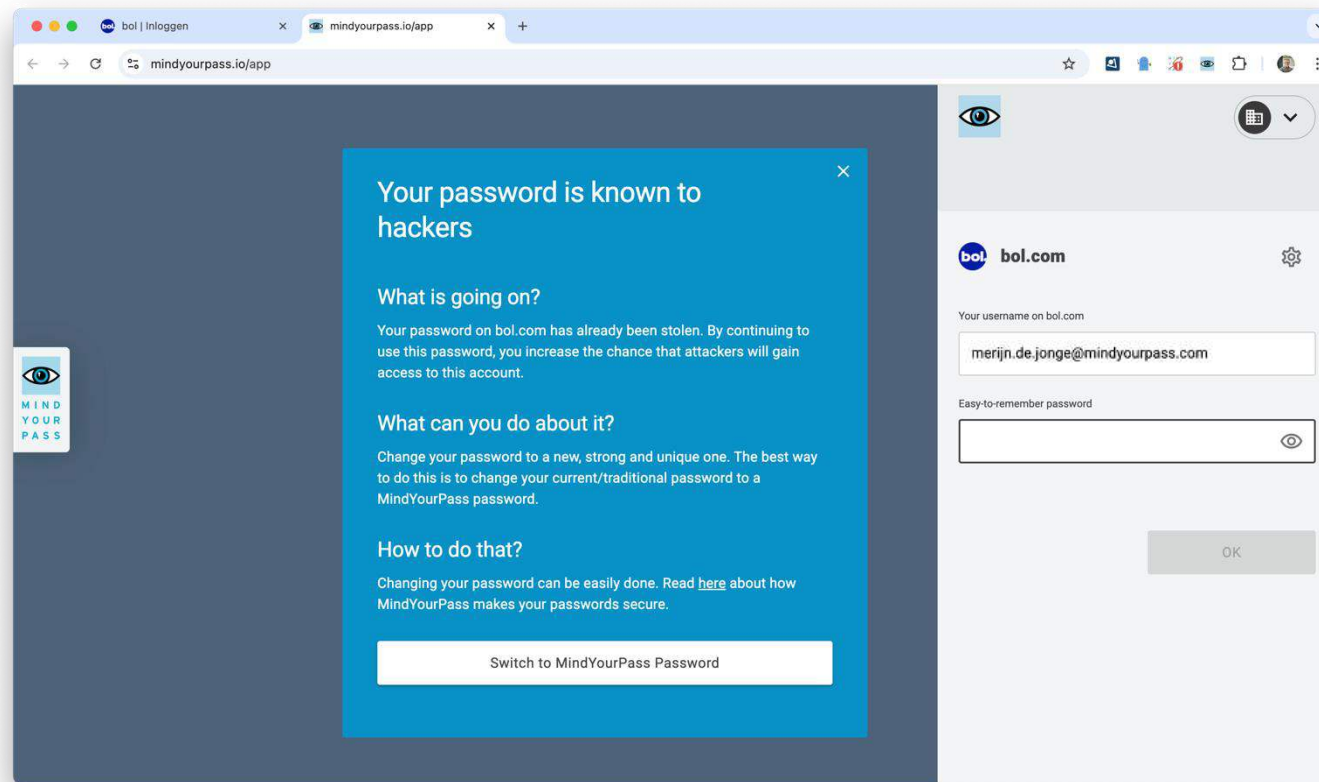
Site (713)	Score	Require MFA	Managed Level ↓	Unmanaged Level
canva.com	7.8	✓	Platinum	
centric.eu	8.2	✓	Platinum	
facilitor.nl	9.9	✓	Platinum	Block
flowmailer.net	10.0	✓	Platinum	

100% Password security

Insist
Enforce password security



Software-enforced password policies



Identify
Measure password security



Improve
Improve password security



Insist
Enforce password security



100% Password security





M I N D
Y O U R
P A S S

Questions?