

ENDSIGHT.NET

End User Cybersecurity Training

VERSION 6.2

April 14th, 2026





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PRESENTER

Security Practice Manager @ Endsight
<https://www.linkedin.com/in/shicks/>



Our purpose: Help others thrive

Our values:



Respect &
Connect



Servant's
Heart

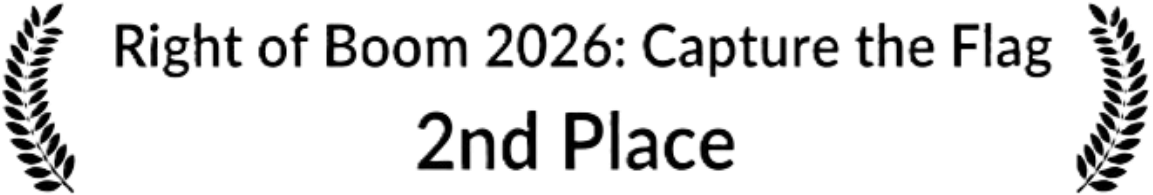


Value
Value

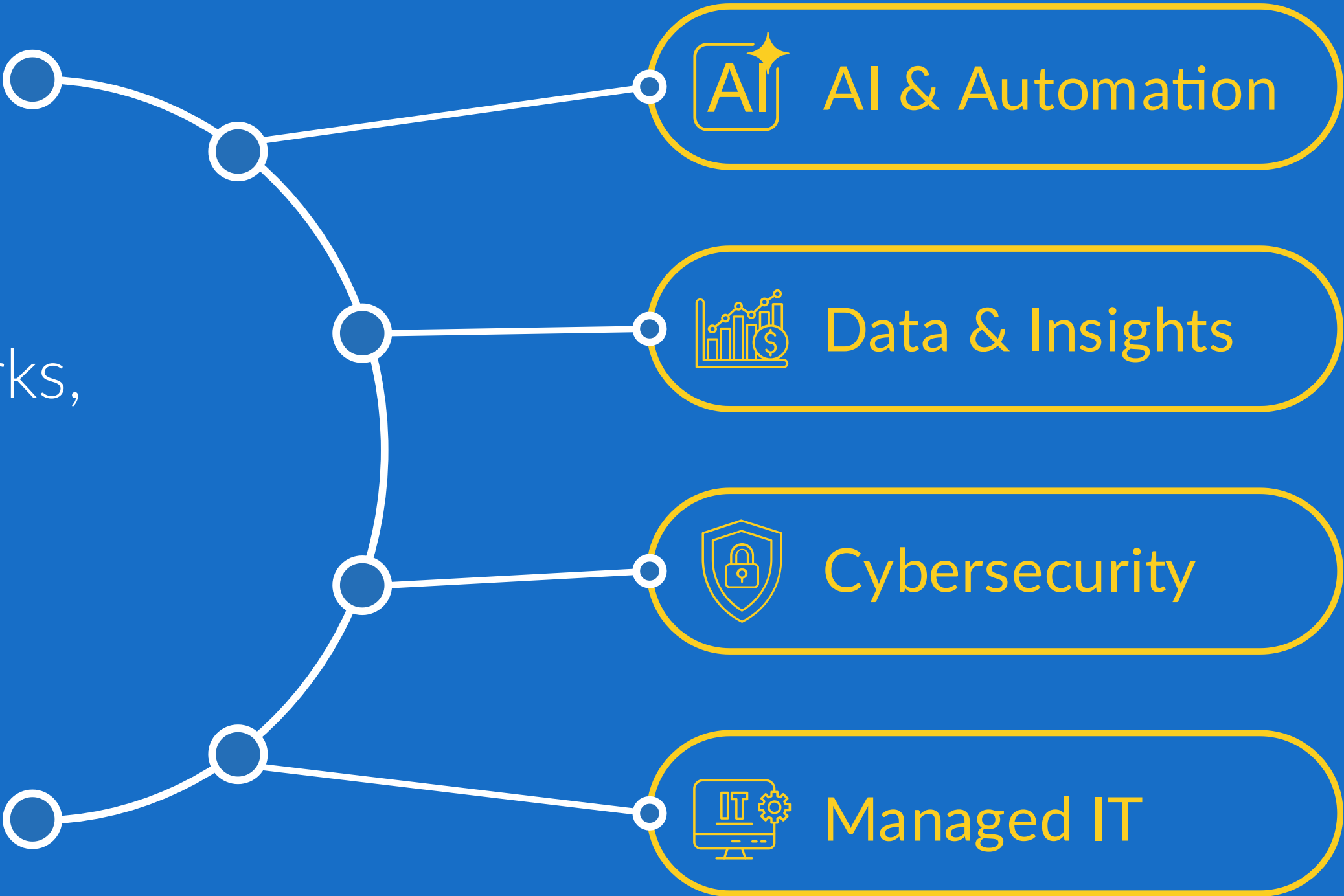


Progress Over
Comfort

Exciting News: Some proud moments



When your technology Works,
Your work gets easier.



Agenda



Fundamentals
Overview



Cybersecurity
Hygiene



Q&A



Specific Phishing
Attack Examples



Legal Ethics
and Rules



Recap &
Resources

For CLMs & California Lawyers



Eligible for 1 credit hour of CLE (State of California) and the CLM program



During sign-up, you were asked to select “Yes” if either applied to you



We have currently identified 0 registrants eligible for credit

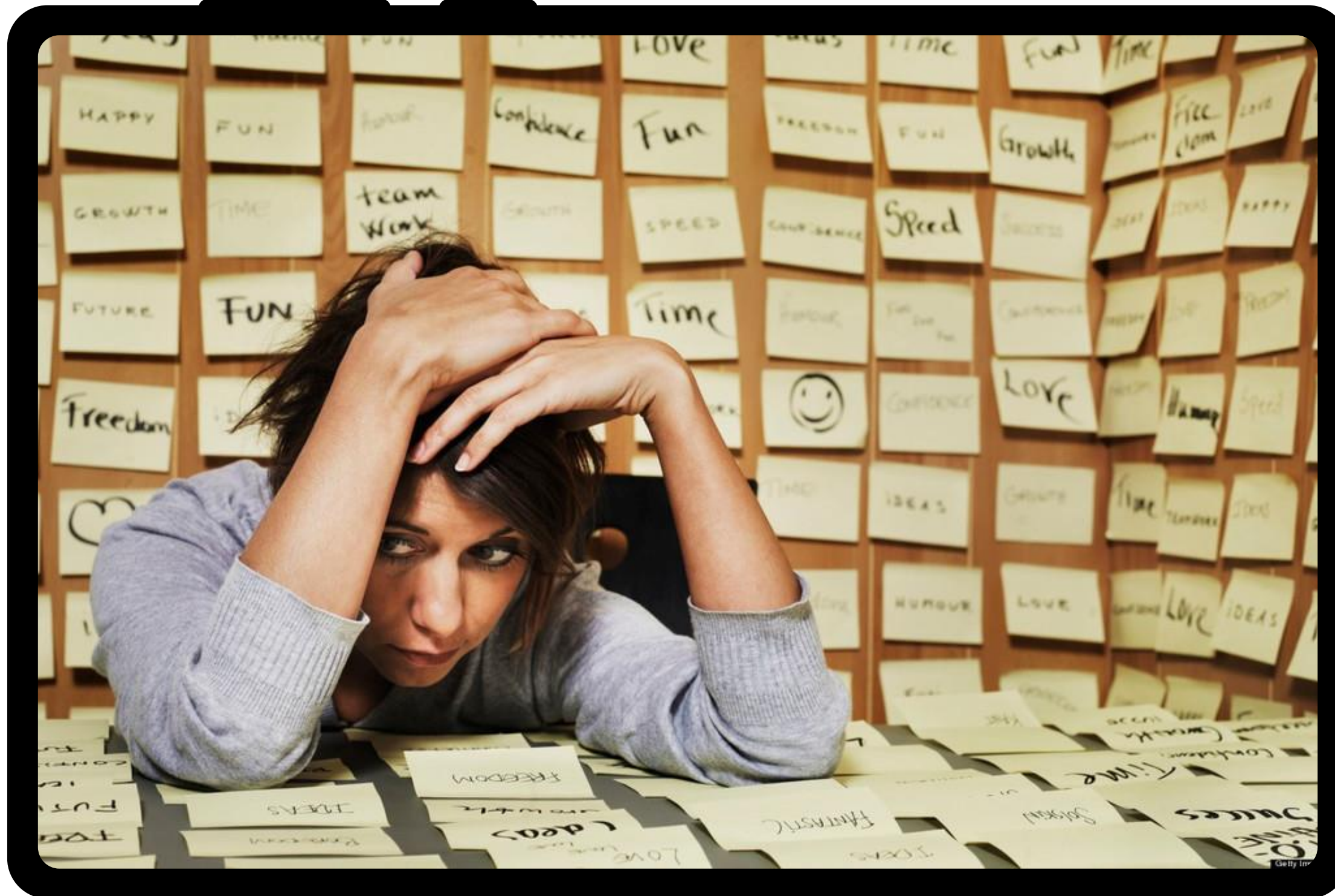


To confirm your eligibility, please contact Aaron at akreps@endsight.net to ensure credit is received

Currently Eligible for Credit

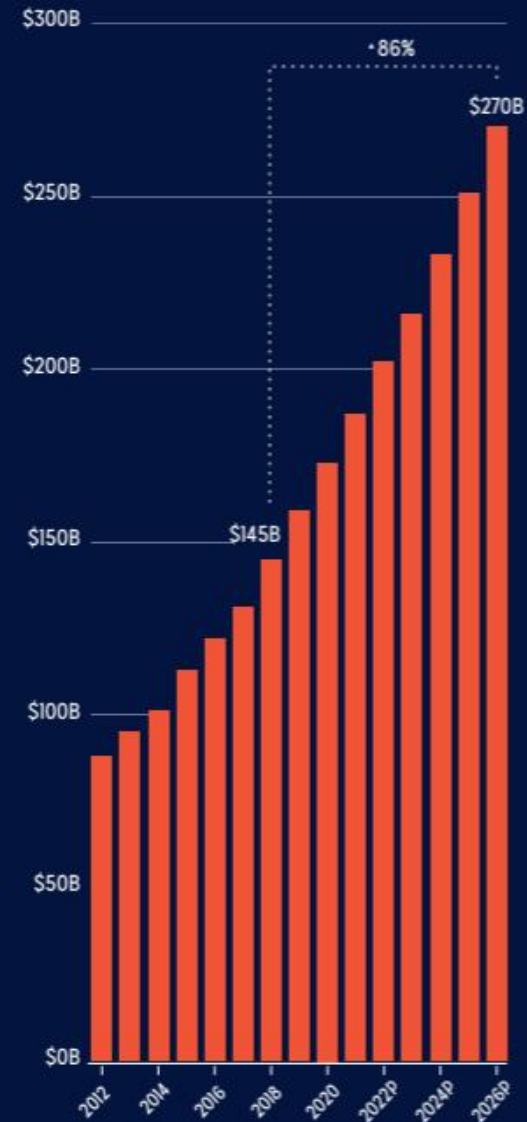


Why are you here?



CYBER SECURITY MARKET FORECAST

Rising attack incidents and cyber regulation are key forces behind the global cybersecurity market. By 2026, it is predicted to reach \$270 billion—an 86% leap from 2018.



Source: Australian Cyber Security Growth Network, 2019
USD B per annum, 2018 + latest actual data (constant exchange rates)

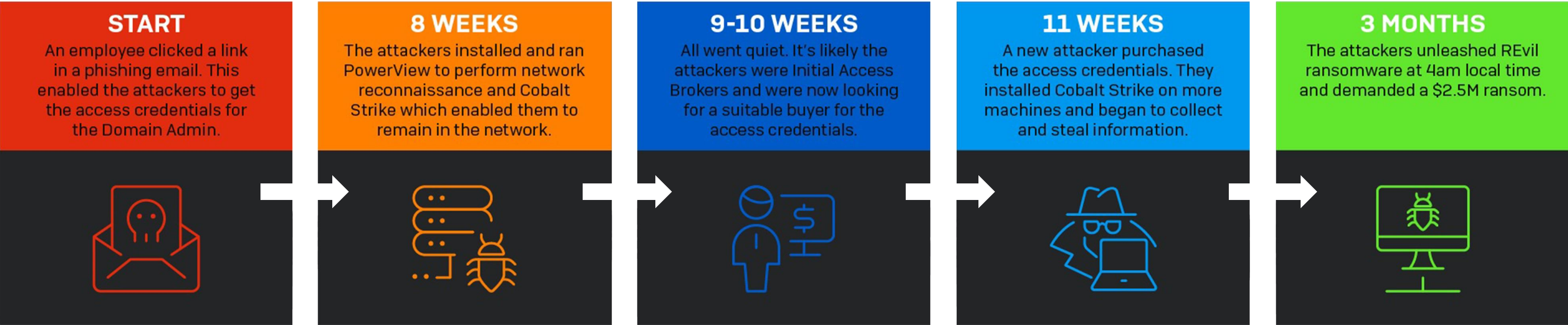
ANYONE CAN BE A VICTIM OF CYBER CRIME.

Even businesses and entire governments. As the world becomes ever more connected and reliant on technology, it opens the door for online hackers to exploit critical security flaws in our systems.

To combat this growing threat, our cybersecurity capabilities must match—and better yet, surpass—the sophistication of cybercriminals.

Lifecycle of an Attack

From Phish to \$2.5M Ransomware Attack



Layered Cyber Security

(People, Process, Technology)



SECURITY



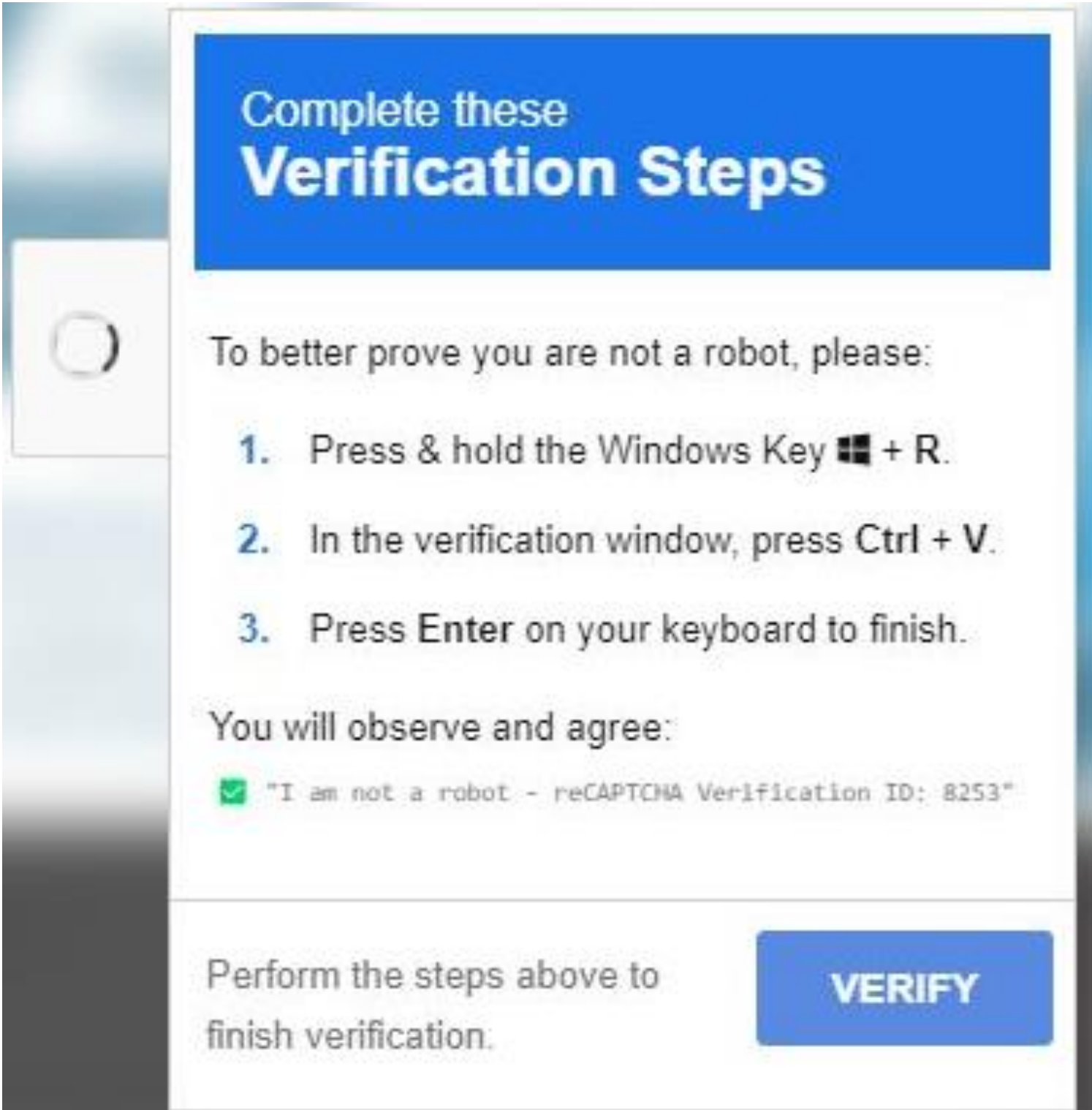
Stephen Hicks

Security Practice Manager

Endsight


Fake CAPTCHAs

What is a fake CAPTCHA?



Complete these Verification Steps

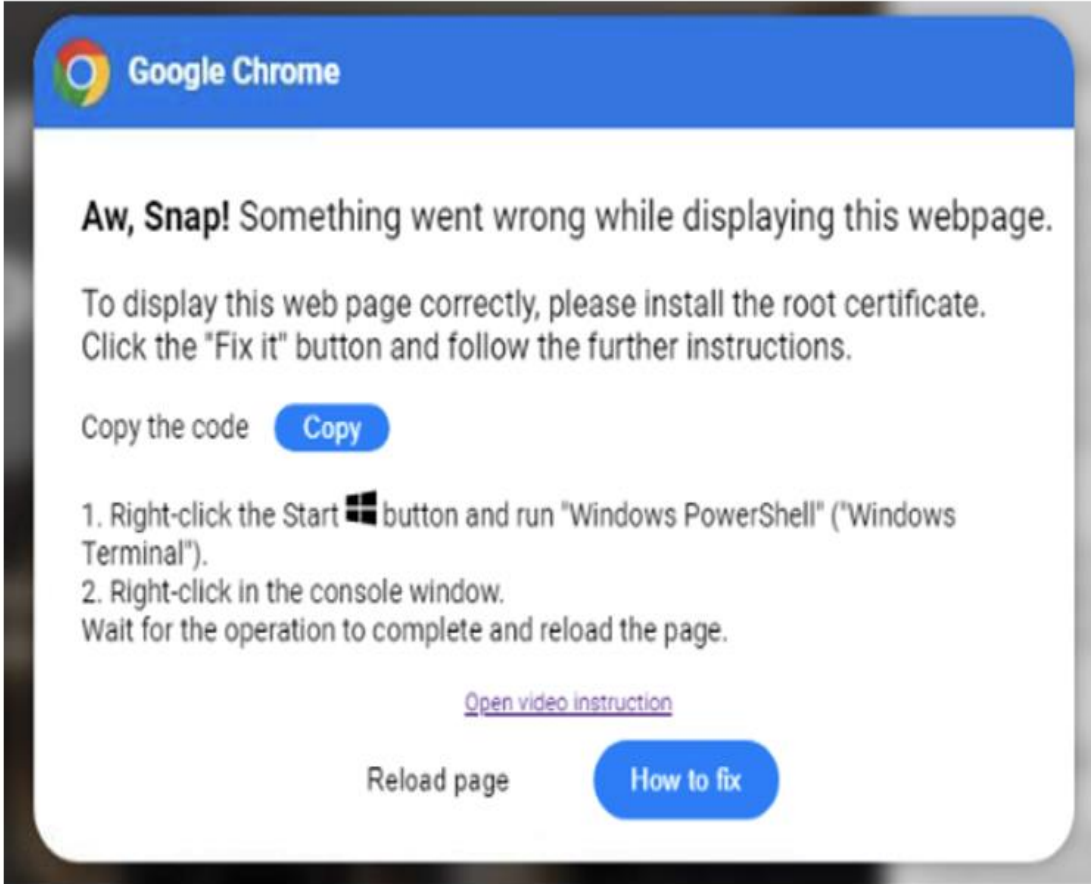
To better prove you are not a robot, please:

1. Press & hold the Windows Key  + R.
2. In the verification window, press Ctrl + V.
3. Press Enter on your keyboard to finish.

You will observe and agree:

"I am not a robot - reCAPTCHA Verification ID: 8253"

Perform the steps above to finish verification. **VERIFY**




Google Chrome

Aw, Snap! Something went wrong while displaying this webpage.

To display this web page correctly, please install the root certificate. Click the "Fix it" button and follow the further instructions.

Copy the code **Copy**

1. Right-click the Start  button and run "Windows PowerShell" ("Windows Terminal").
2. Right-click in the console window.

Wait for the operation to complete and reload the page.

[Open video instruction](#)

Reload page **How to fix**

2025 

Delete Archive Report Reply Reply all Forward Zoom Read / Unread Categorize Flag / Unflag Print

[Redacted]

Quarantine <noreply@urbanhome.co.jp> Thu 1/30/2025 9:03 AM

High importance

Some content in this message has been blocked because the sender isn't in your Safe senders list. Trust sender Show blocked content

You forwarded this message on Thu 1/30/2025 12:10 PM

You don't often get email from noreply@urbanhome.co.jp. Learn why this is important

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links; especially from unknown senders



Review These Messages

2 messages are being held for you to review as of January 30, 2025 at 08:58:13 AM (UTC). Review them within 30 days of the received date by going to the Quarantine page in the Security Center.

Prevented spam messages

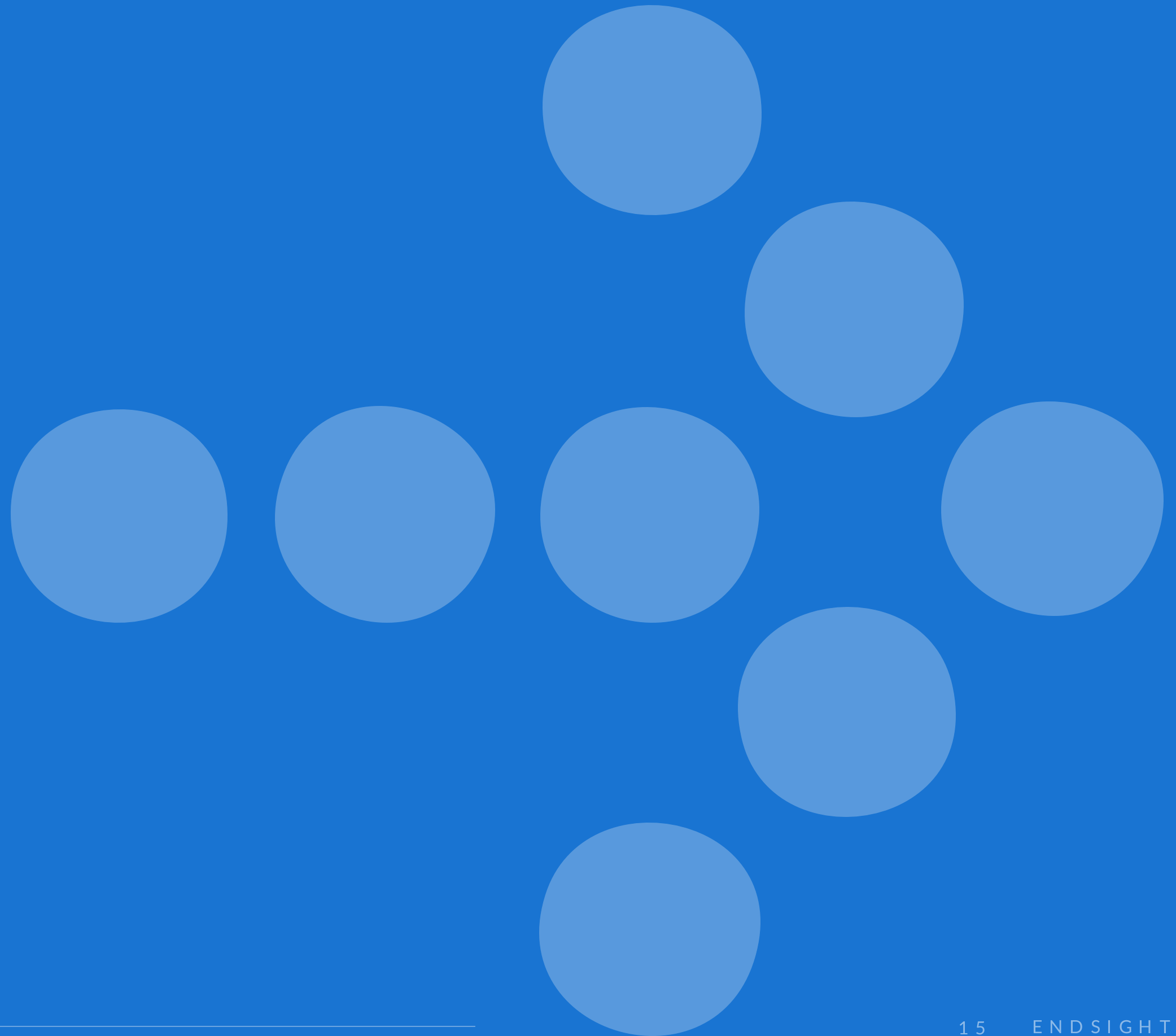
Sender: [Redacted]
Subject: Office 365 Password Authentication Record Change
Date: January 30, 2025 at 08:58:13 AM
Review Message Delete

Sender: [Redacted]
Subject: Payroll Recordkeeping Requirements And Changes
Date: January 30, 2025 at 08:58:13 AM
Review Message Delete

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Reply Forward

Fundamentals Overview



Dictionary

Search for a word



sus·pi·cion

/sə' spiSHən/

noun

1. a feeling or thought that something is possible, likely, or true.
"she had a sneaking **suspicion** that he was laughing at her"

Similar: intuition feeling impression inkling surmise guess


2. cautious distrust.
"her activities were regarded with suspicion by the headmistress"

Similar: misgiving doubt qualm wariness chariness reservation

August 20, 2019 • 2 min read

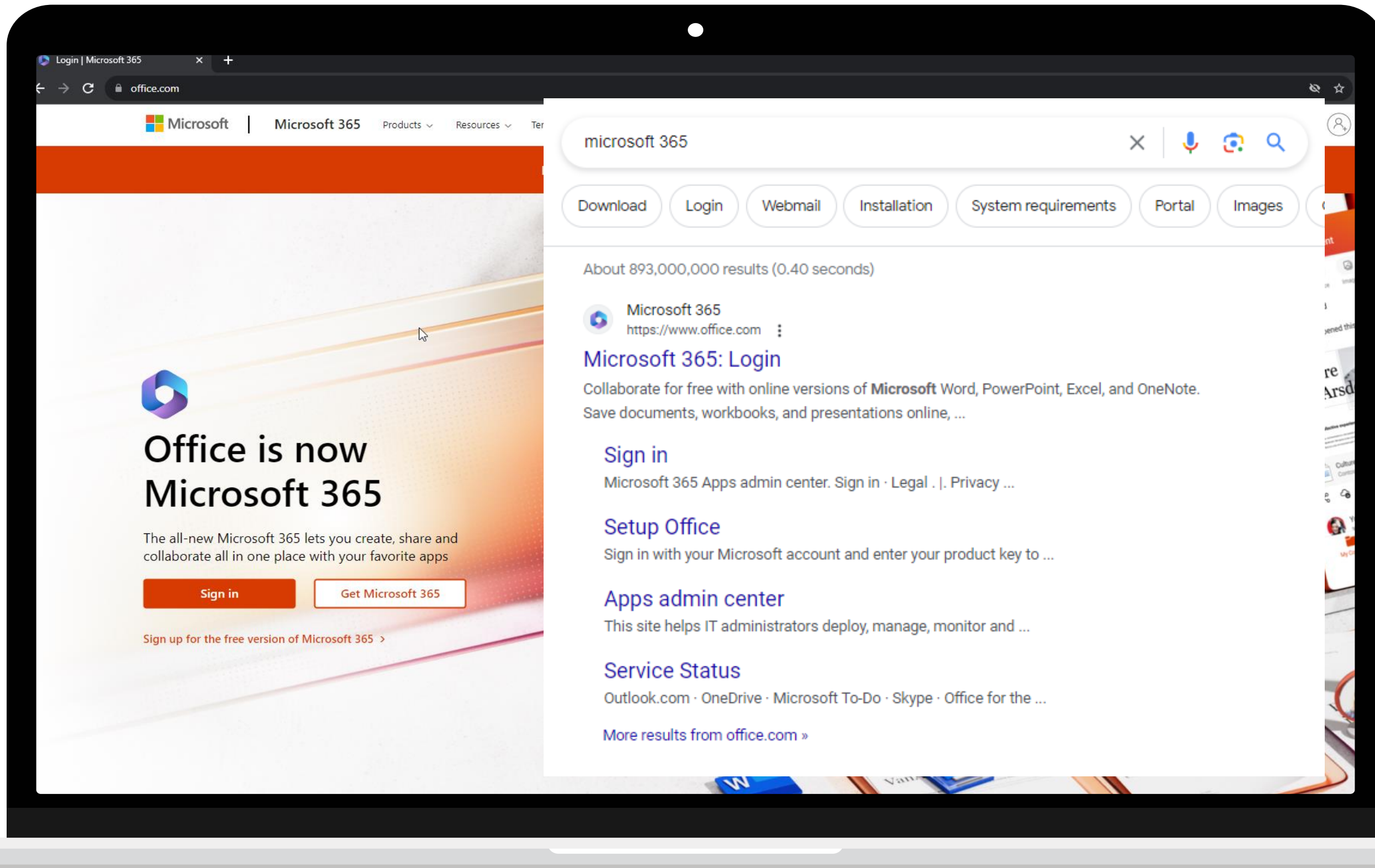
One simple action you can take to prevent 99.9 percent of attacks on your accounts

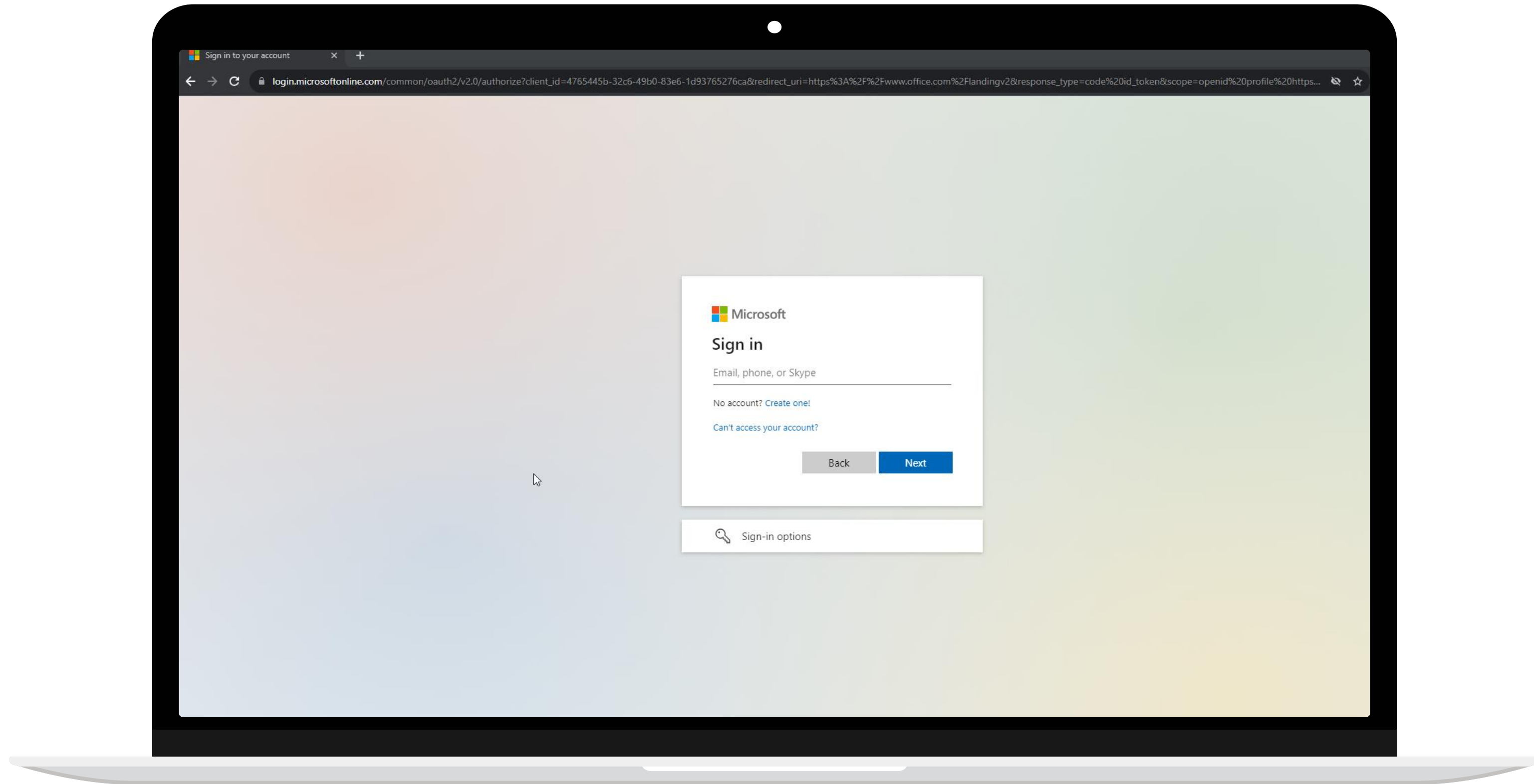
Melanie Maynes Senior Product Marketing Manager, Microsoft Security

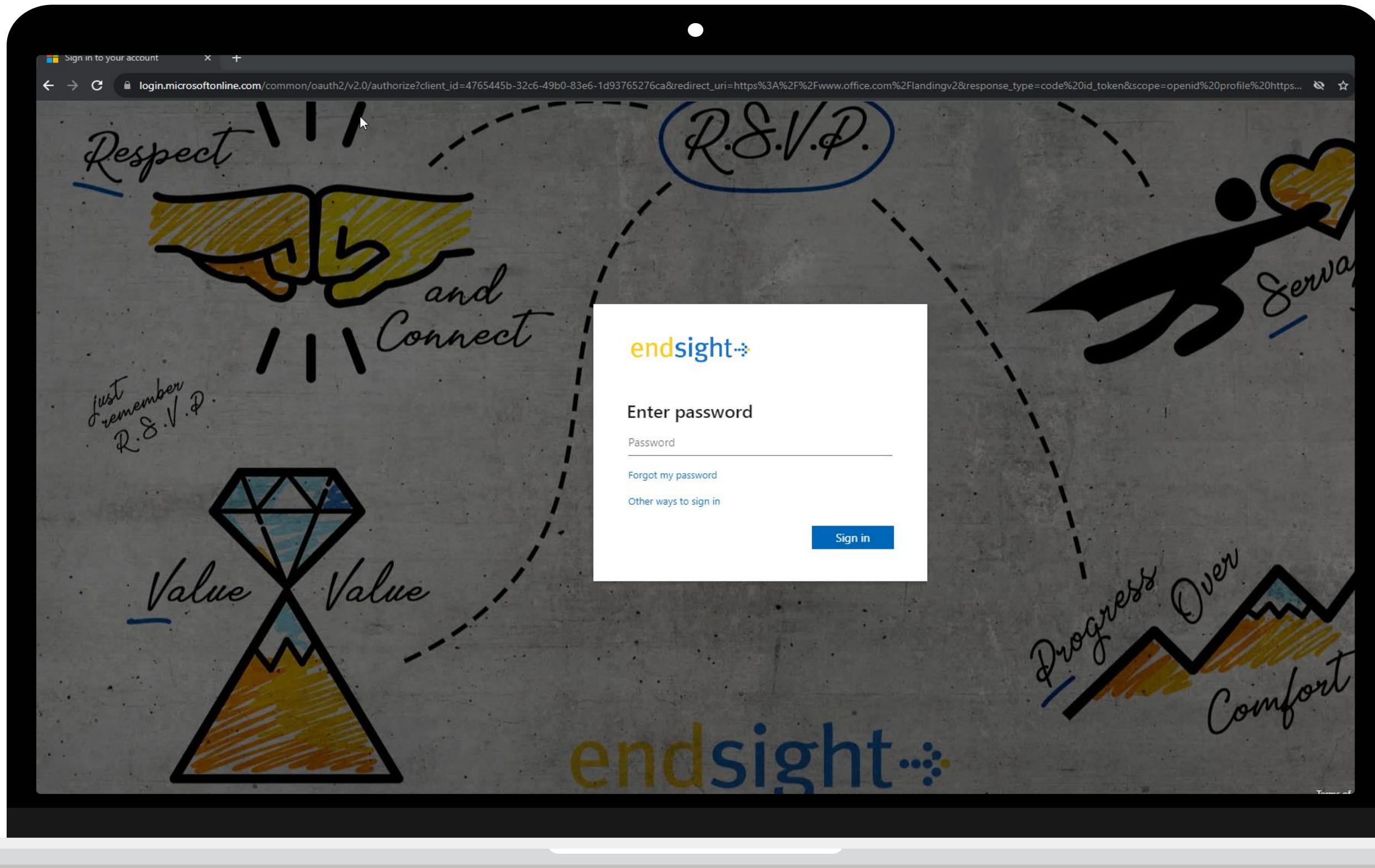
 Share ▾

There are over 300 million fraudulent sign-in attempts to our cloud services every day. [Cyberattacks](#) aren't slowing down, and it's worth noting that many attacks have been successful without the use of advanced technology. All it takes is one compromised credential or one legacy application to cause a data breach. This underscores how critical it is to ensure password security and strong authentication. Read on to learn about common vulnerabilities and the single action you can take to protect your accounts from attacks.

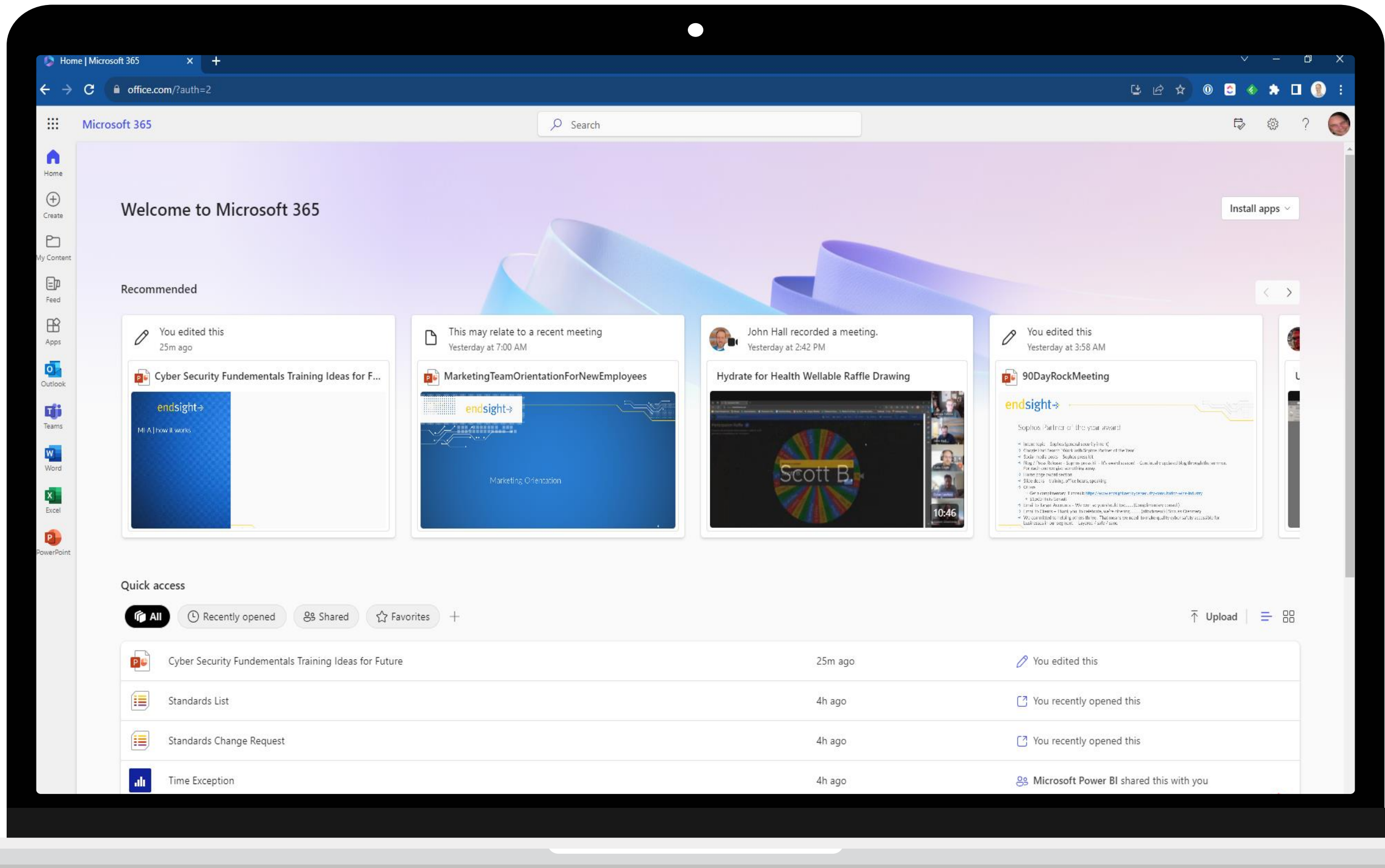
<https://www.microsoft.com/en-us/security/blog/2019/08/20/one-simple-action-you-can-take-to-prevent-99-9-percent-of-account-attacks/>





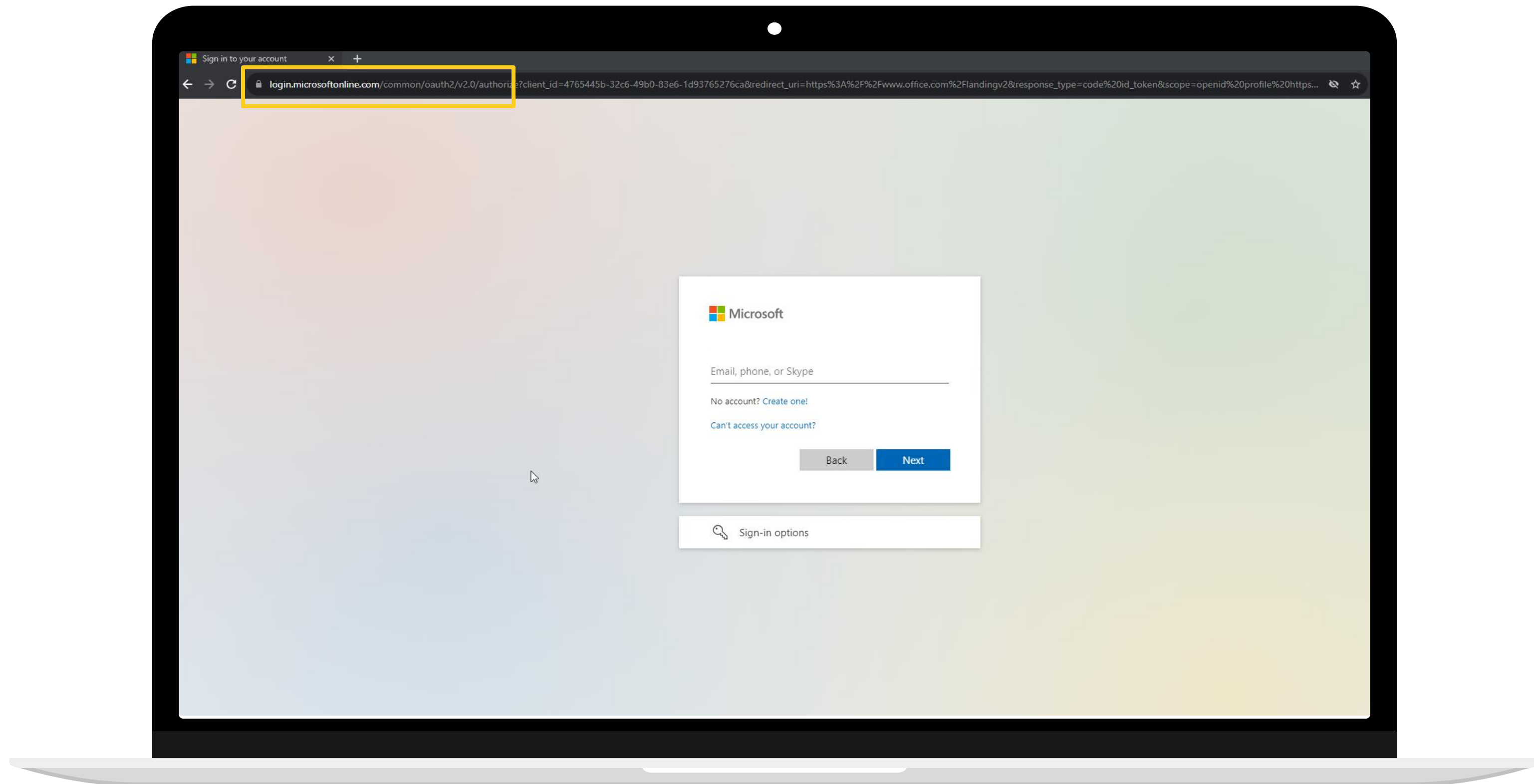






MFA Bypass

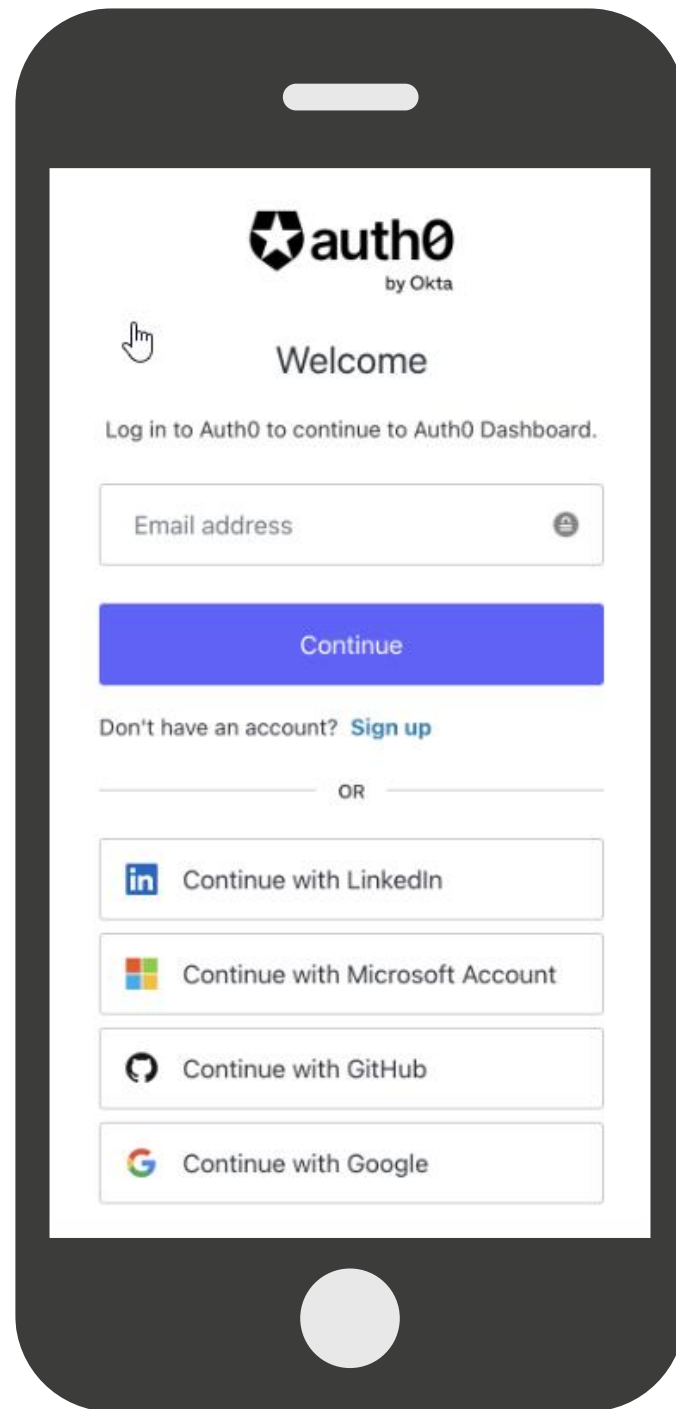




Use multi-channel verification



Identity management



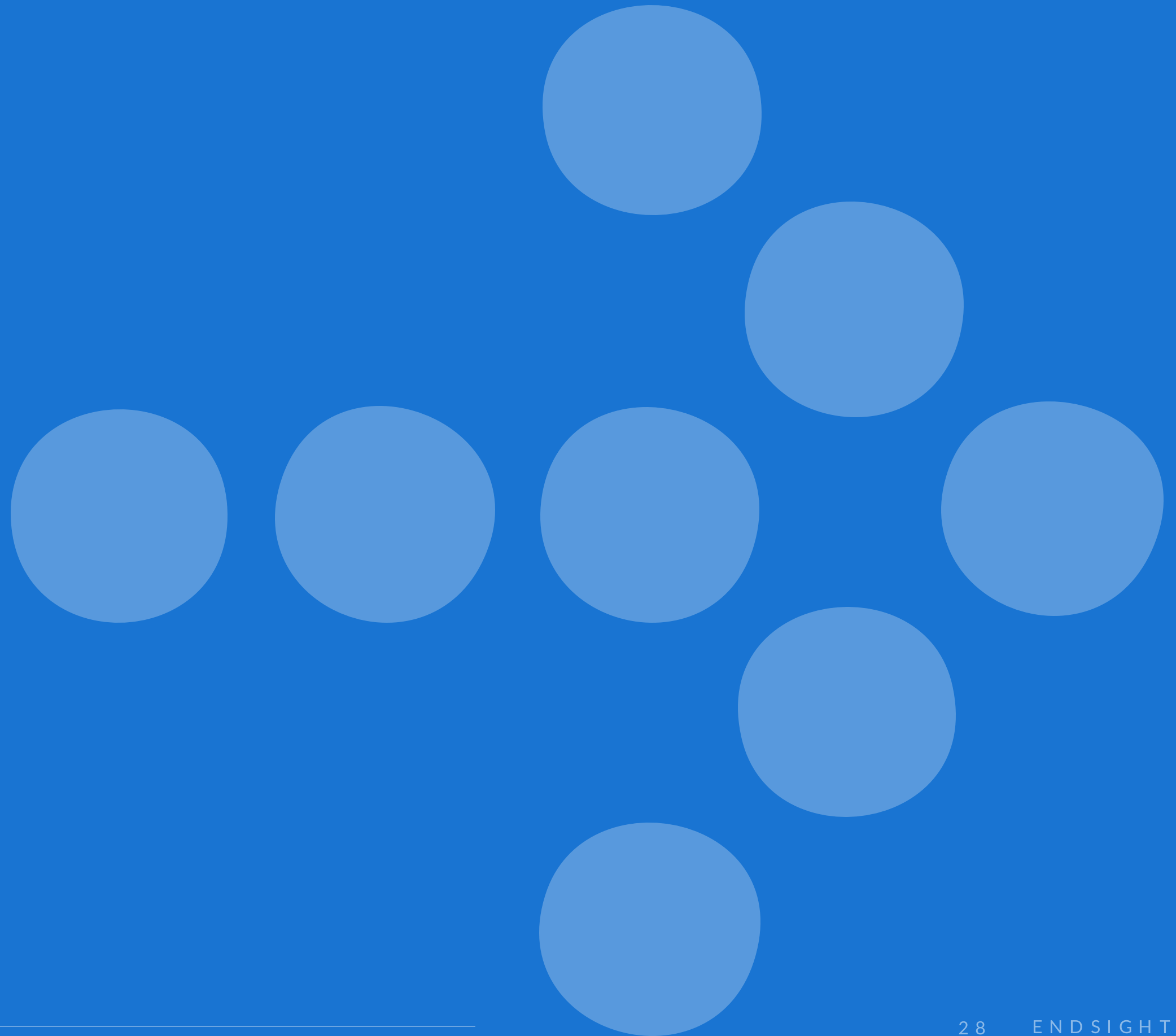
01 Less access to personal information

02 Be careful how much permission/access you allow

Tapping isn't just easy.....



Cybersecurity Hygiene



NETWORKS

- 01 Make sure you have a good password on your home network
- 02 Change that password once a year
- 03 If you don't live here, you don't get the Wi-Fi password
- 04 Don't forget about your smart devices!!!



- 01 Good passwords are long
- 02 Good passwords are random
- 03 Humans are bad at randomness
- 04 Password generators matter

Top Panel: Tr0ub4dor &3

- UNCOMMON (NON-GIBBERISH) BASE WORD
- ORDER UNKNOWN
- Tr0ub4dor &3
- CAPS?
- COMMON SUBSTITUTIONS
- NUMERAL
- PUNCTUATION
- (YOU CAN ADD A FEW MORE BITS TO ACCOUNT FOR THE FACT THAT THIS IS ONLY ONE OF A FEW COMMON FORMATS.)

~28 BITS OF ENTROPY

$2^{28} = 3 \text{ DAYS AT } 1000 \text{ GUESSES/SEC}$

(PLAUSIBLE ATTACK ON A WEAK REMOTE WEB SERVICE. YES, CRACKING A STOLEN HASH IS FASTER, BUT IT'S NOT WHAT THE AVERAGE USER SHOULD WORRY ABOUT.)

DIFFICULTY TO GUESS: **EASY**

DIFFICULTY TO REMEMBER: **HARD**

WAS IT TROMBONE? NO, TROUBADOR. AND ONE OF THE 0s WAS A ZERO? AND THERE WAS SOME SYMBOL...

Bottom Panel: correct horse battery staple

- correct horse battery staple
- FOUR RANDOM COMMON WORDS

~44 BITS OF ENTROPY

$2^{44} = 550 \text{ YEARS AT } 1000 \text{ GUESSES/SEC}$

DIFFICULTY TO GUESS: **HARD**

DIFFICULTY TO REMEMBER: **YOU'VE ALREADY MEMORIZED IT**

THAT'S A BATTERY STAPLE. CORRECT!

THROUGH 20 YEARS OF EFFORT, WE'VE SUCCESSFULLY TRAINED EVERYONE TO USE PASSWORDS THAT ARE HARD FOR HUMANS TO REMEMBER, BUT EASY FOR COMPUTERS TO GUESS.

WORKSTATIONS

- 01 If you leave it, LOCK it!
- 02 Never share your password with anyone!
- 03 Use your work devices for work, your home devices for home
- 04 Continue to leave your computers on at night



Do you know your acceptable use policy?

Every company should have one and you should understand it.

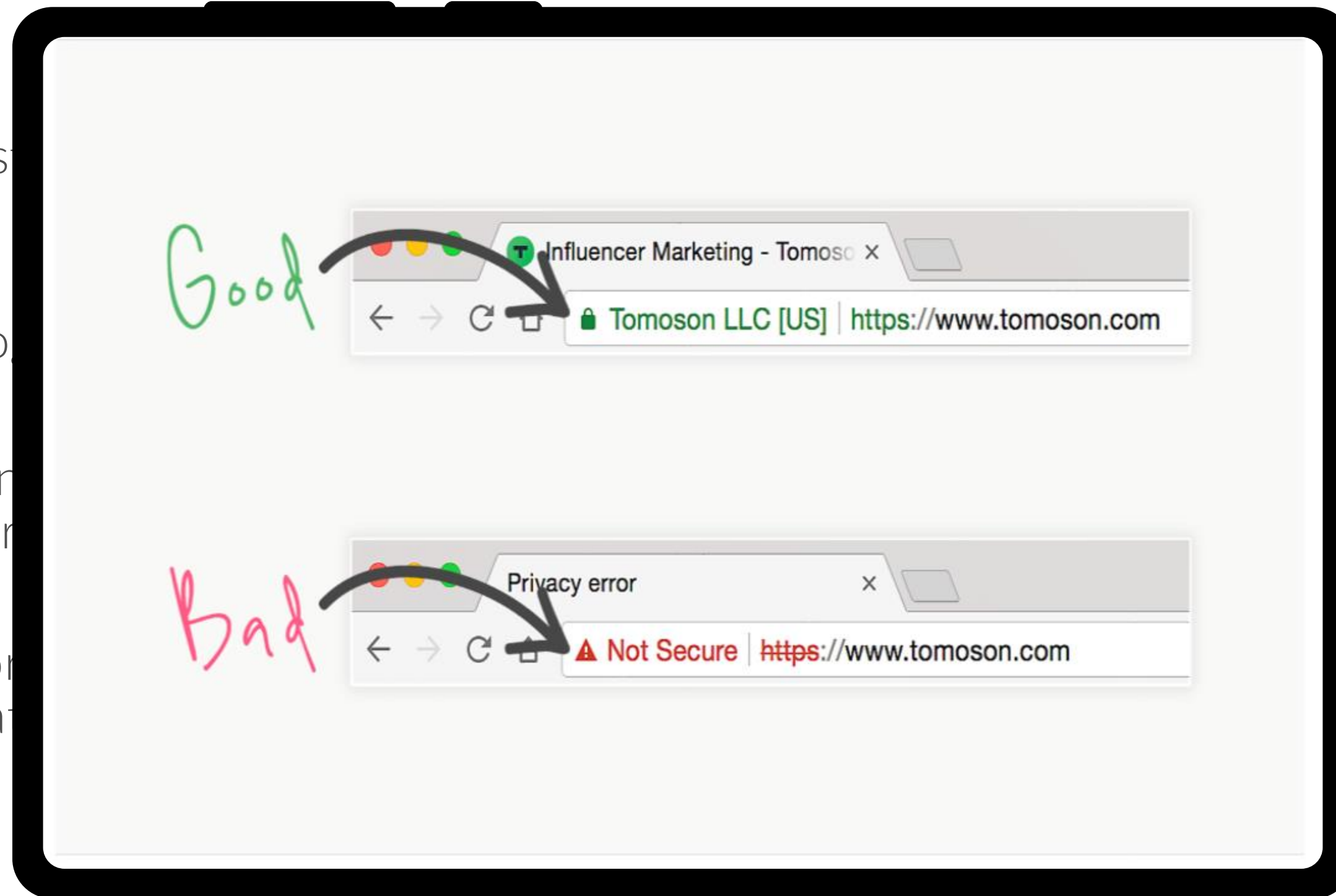
WILD, WILD WEB

01 Only ins

02 If you lo

03 Trust on
passwor

04 Look for
informat



www.amazon-update-account-awd5473248974 **7.tube-gif-converter.com**/login.php?sslchannel=true&sessionid=...

Protocol

http://www.tinydancinghorse.com

Subdomain

Domain Name

Top-level Domain

Root Domain

(includes domain name and top-level domain)

[Notice](#) and [Cookies & Internet Advertising](#).

EVIL EMAIL

01

Don't open attachments
certain they're real

02

If you suspect

03

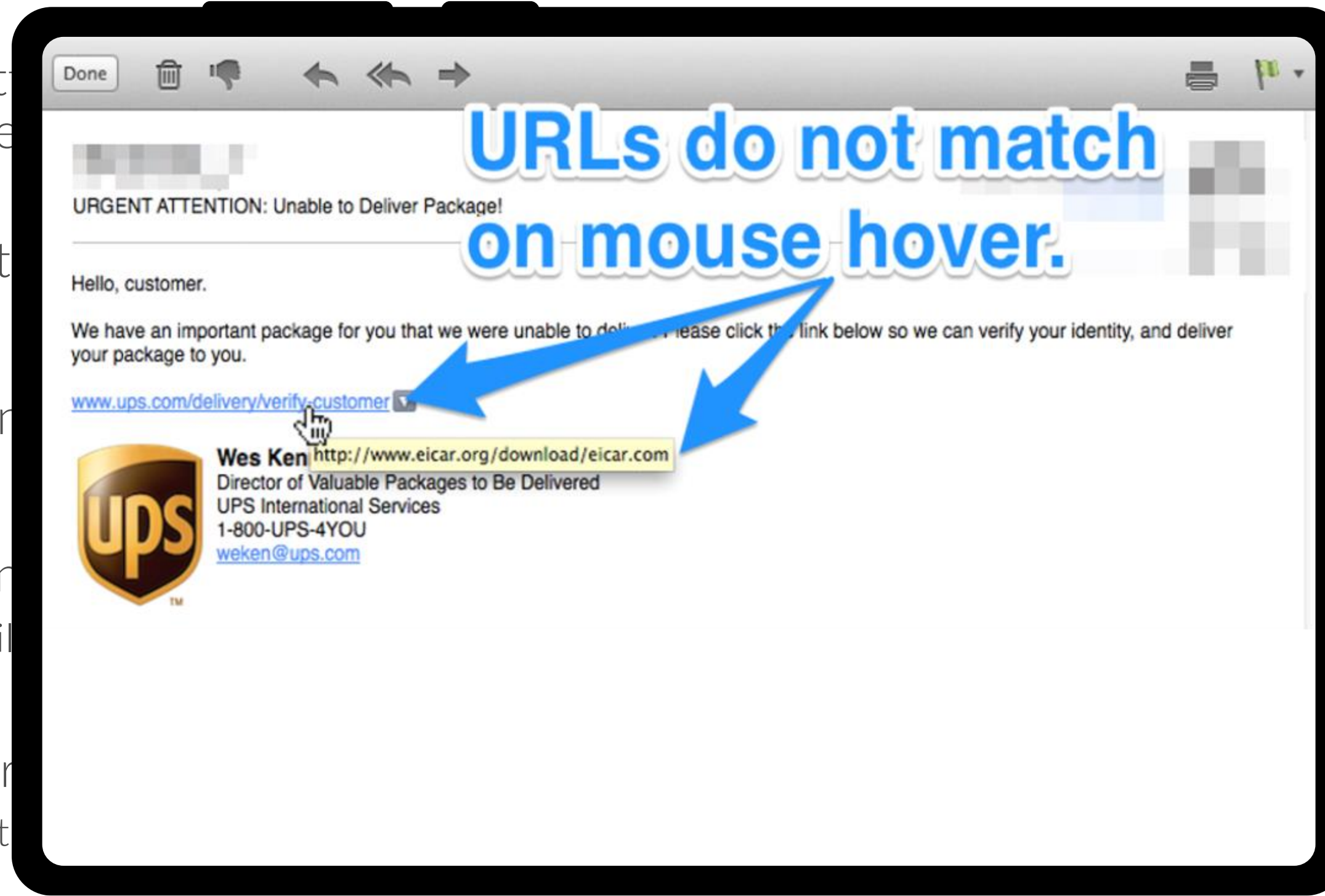
Check the sender

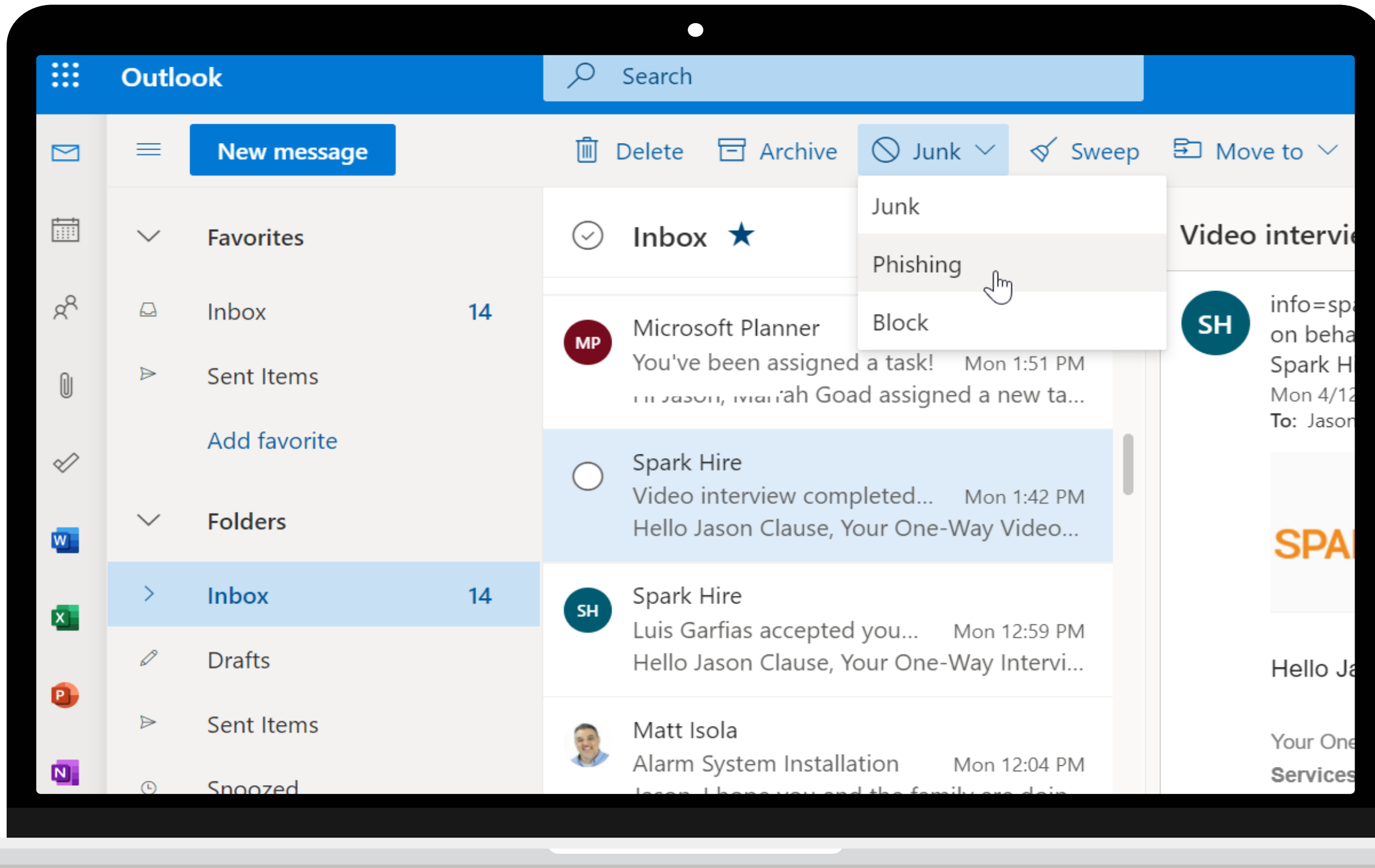
04

Read every line
bob.smith@gmail.com

05

Do not forward
(hover over it with



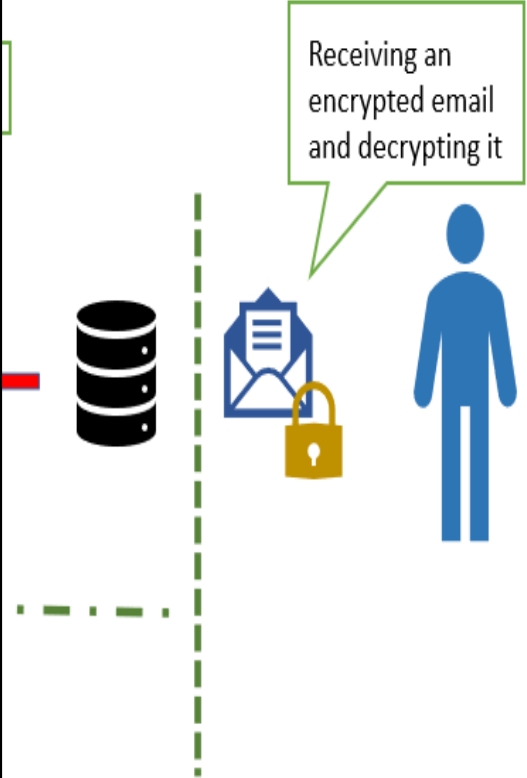
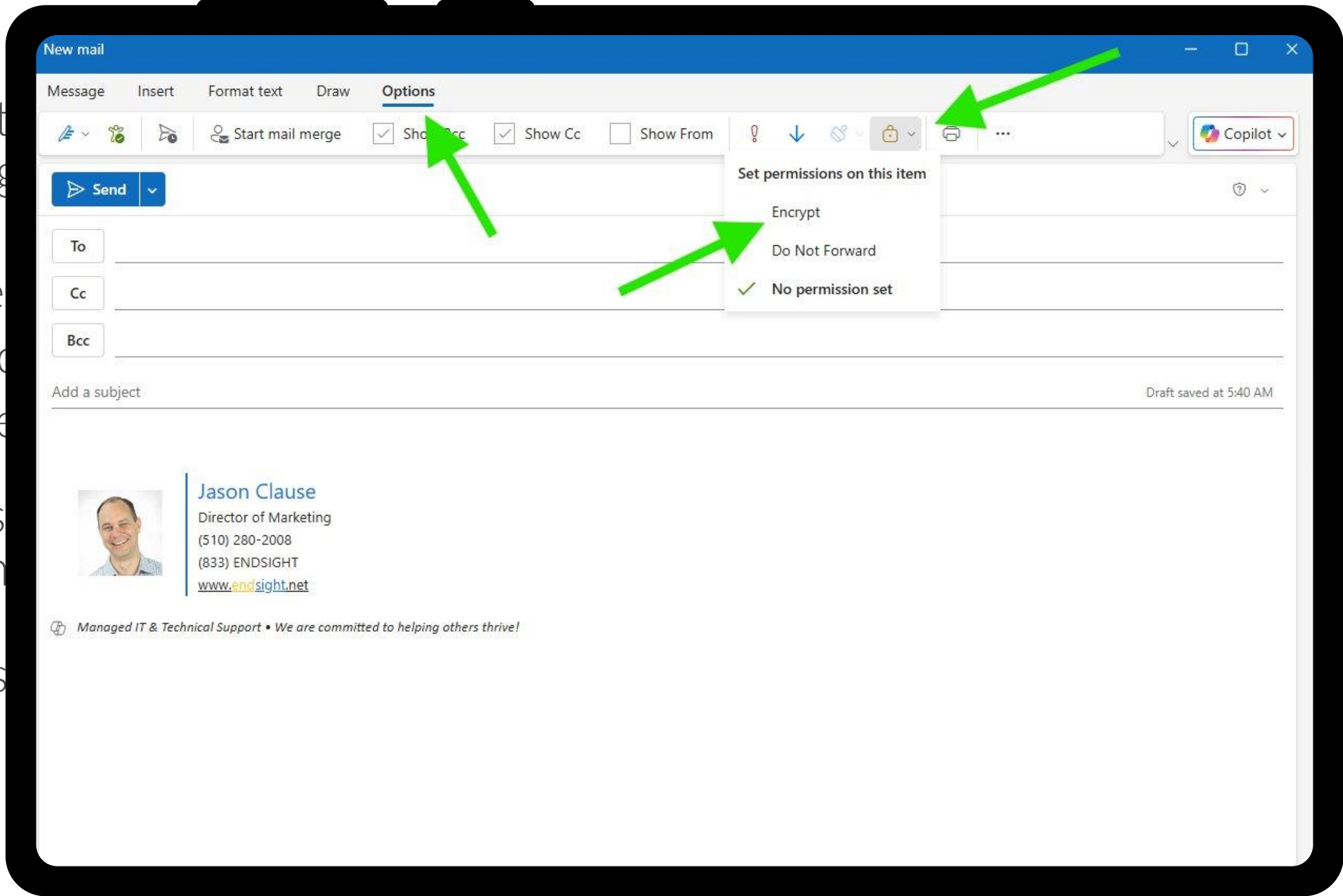


Email Encryption

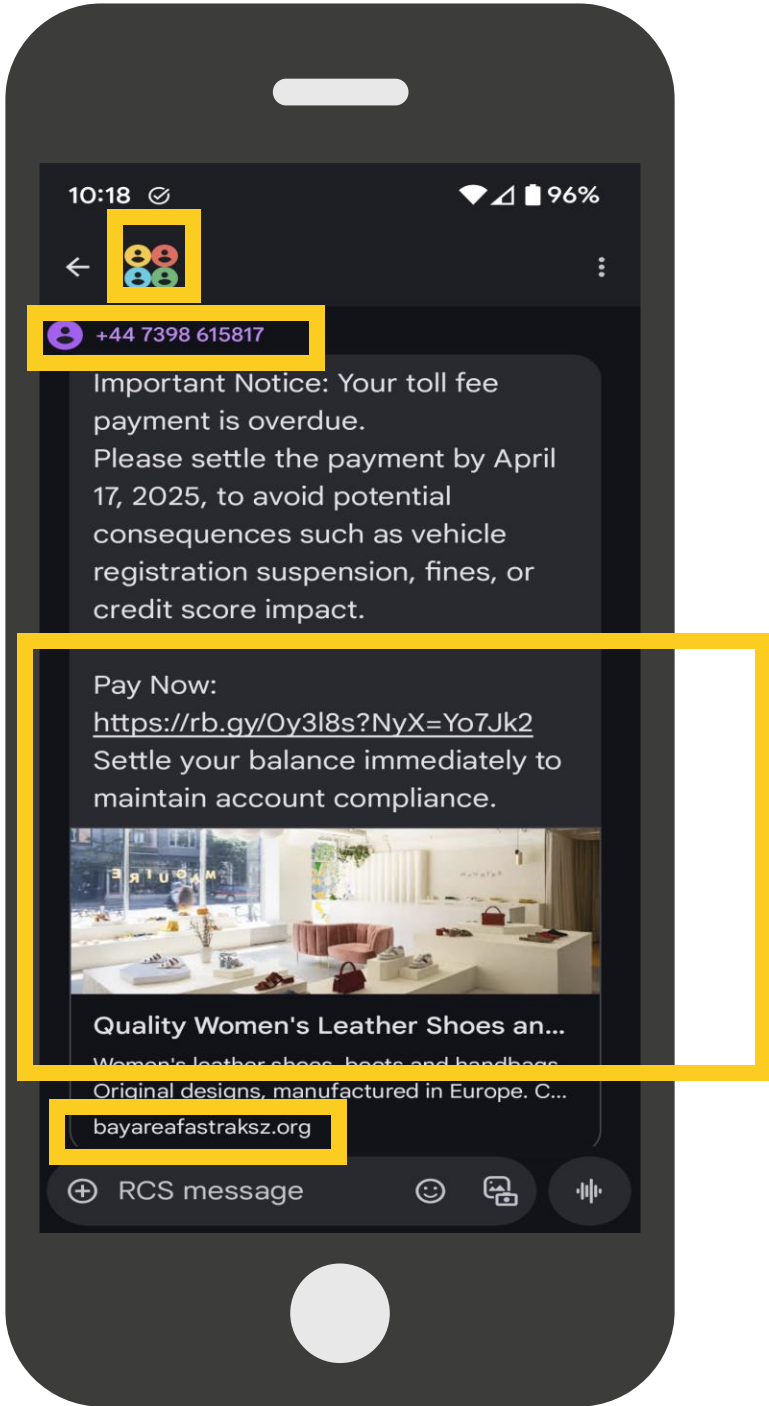
01 Email is not transmitting

02 Protects sensitive data from being intercepted by unauthorized

03 Businesses in healthcare institutions



Look Closely

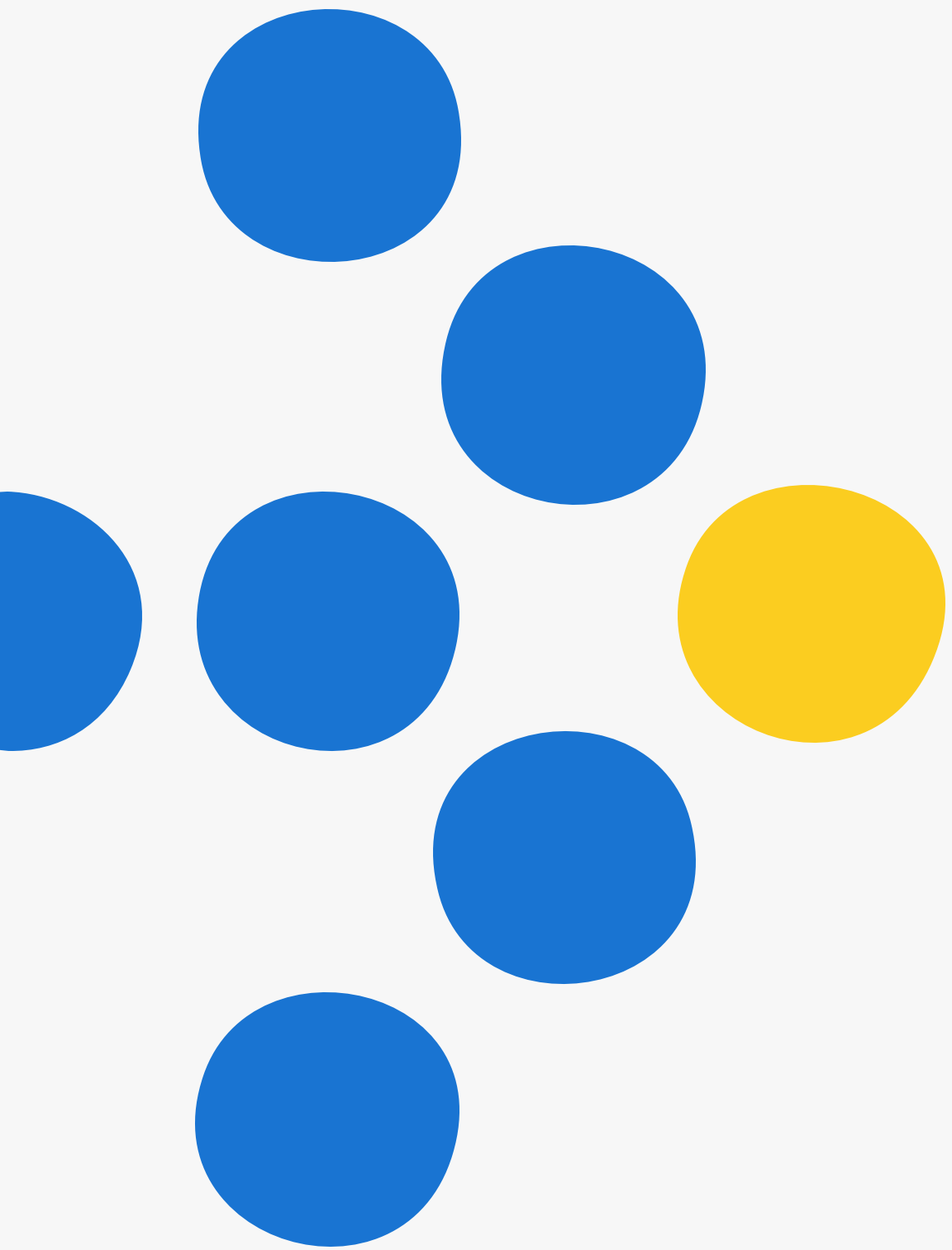


What's wrong with this text message?

PERSONAL HABITS (I.T. life hacks)

- 01 Always use a lock screen/password on your smartphone
- 02 Only give out personal or sensitive data on phone calls you've initiated
- 03 Invest in Identity Theft protection of some kind
- 04 Invest in a password manager





Q&A

Questions

- Are you using AI to counter AI cyber-attacks on our behalf?
- How can a small business develop an AI policy that protects against cybersecurity risk while at the same time encouraging frontier level exploration of the AI benefits?







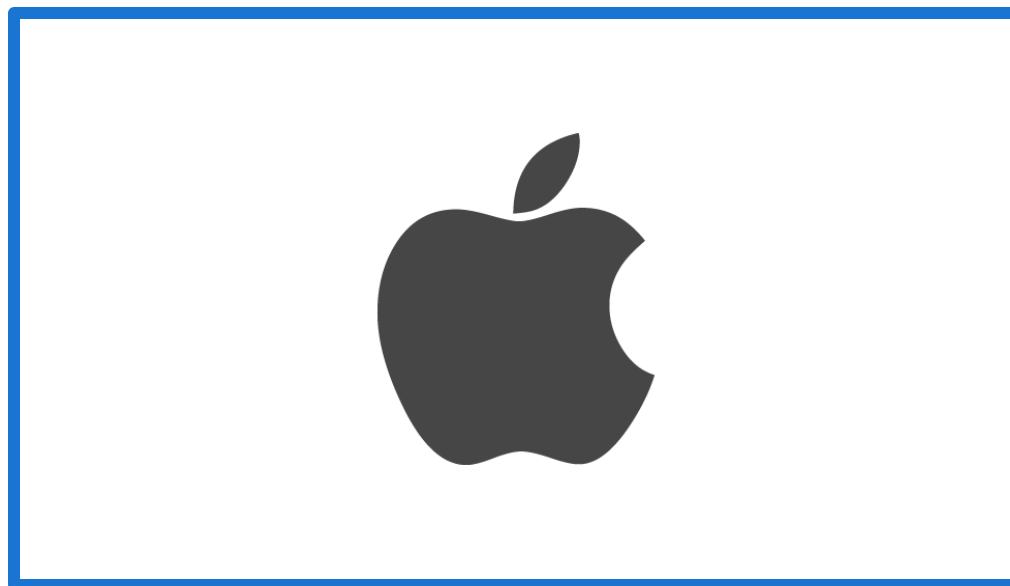
???



Everyone and everything online is a stranger.

Always be suspicious of strangers!

What do these brands have in common?



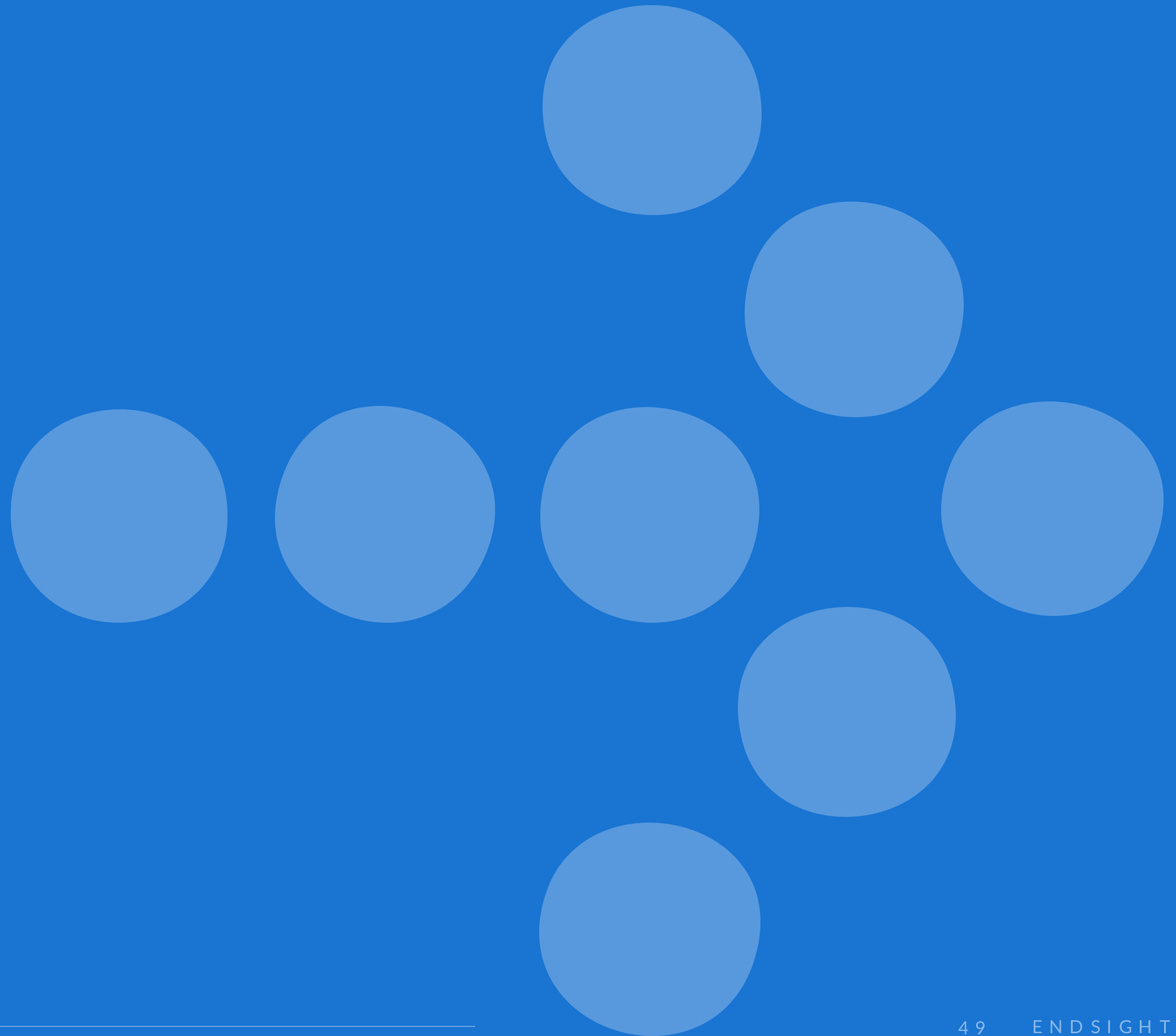
3 Most Spoofed Brands in Phishing Attacks

Things That Will Never Happen

- Amazon is refusing to do business if you don't 'update your account'.
- Microsoft calling to help with your computer (yes, this call really happened)
- I'm not getting arrested in Thailand (yes, this call really happened)
- You didn't win a prize
- Nobody lost a puppy
- We haven't changed the parking rules
- Nobody needs your gift cards!



Phishing Examples



INV 0021312 Needs Attention



JA<usverw-altung@mg.familyfraternal.com>
TO *****

Sun, Sept 22, 2024, 07:12 AM ☆ ↩

Hello AP,

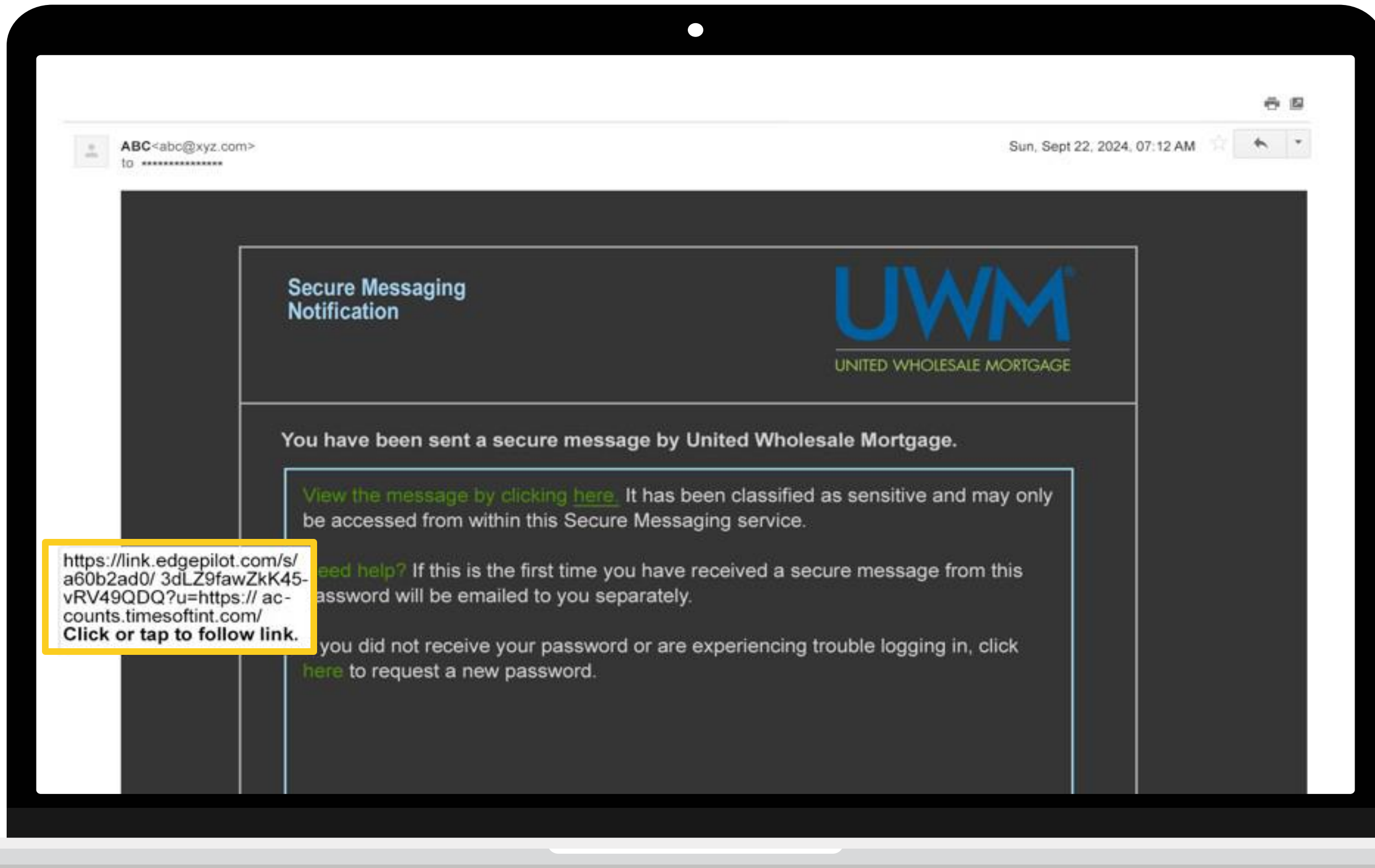
Attached is the outstanding invoice #0021312. ***** asked me to send it to you. Please see the conversation below for more details. Could you let us know when we can expect the ***** payment for this invoice? We appreciate your prompt attention to avoid any service interruptions.

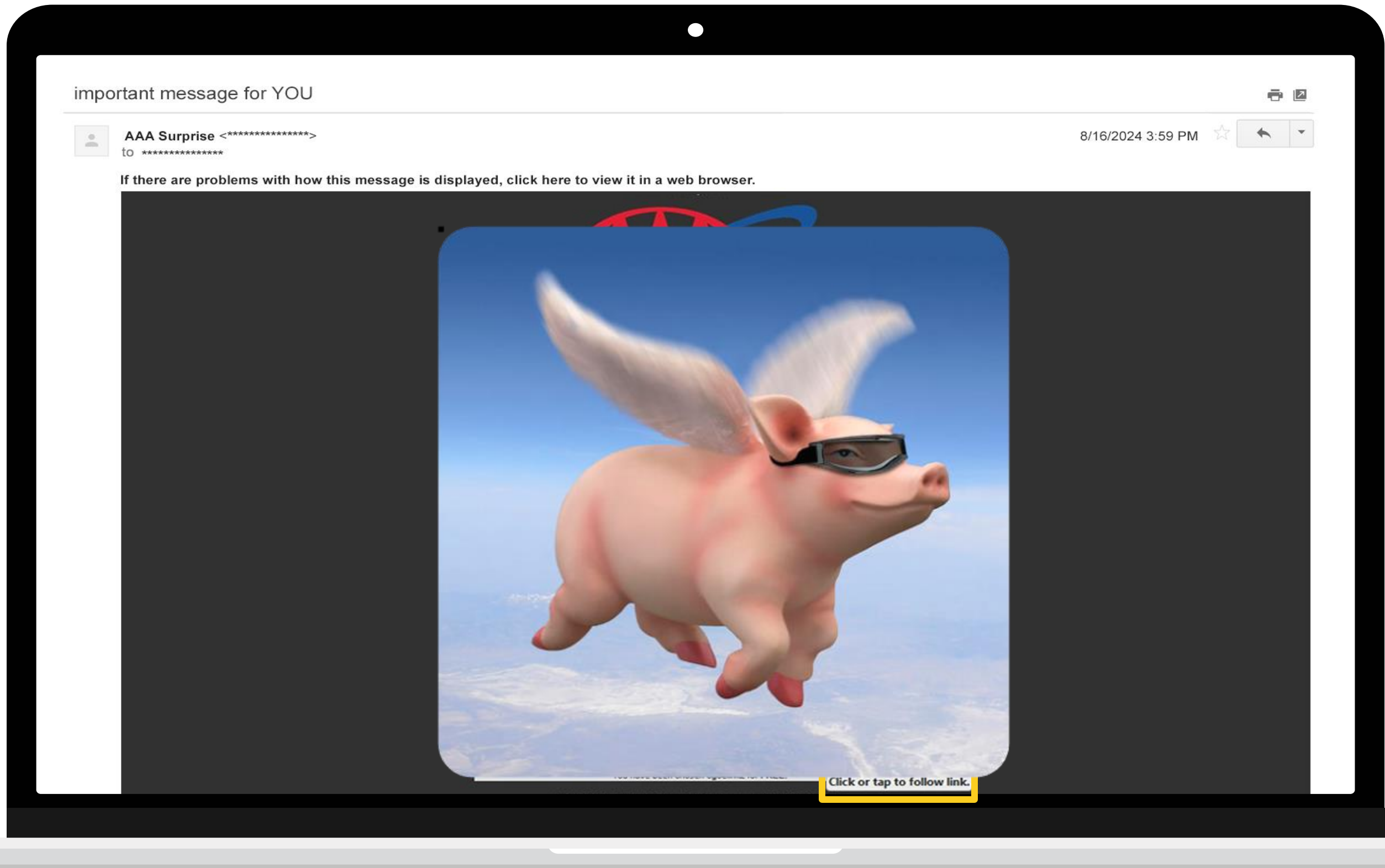
Best regards,
Alex Rhodes
Accounting
***** Technologies LLC

--Forwarded message--

From: *****
Date: Sun, Sept 22, 2024, 07:12 AM
Subject: Re: Your Account is in Good Standing, but Invoice INV 0021312 Needs Attention
To: ***** (*****) Cc: *****

Hello Alex,
As discussed during my Zoominfo onboarding, please send any outstanding invoices directly to We apologize for the oversight.
Kindly forward the invoice to ***** and we'll process it today.
Thank you,





DD Update

 **Mike Chaput** <info@tagoresuites.com>
to Accounting <Accounting@endsight.net>

Saturday, May 11, 2024 10:40 AM



-----Original Message-----

From: Mike Chaput <info@tagoresuites.com>

Sent: Saturday, May 11, 2024 10:40 AM

To: Accounting <Accounting@endsight.net>

Subject: DD Update

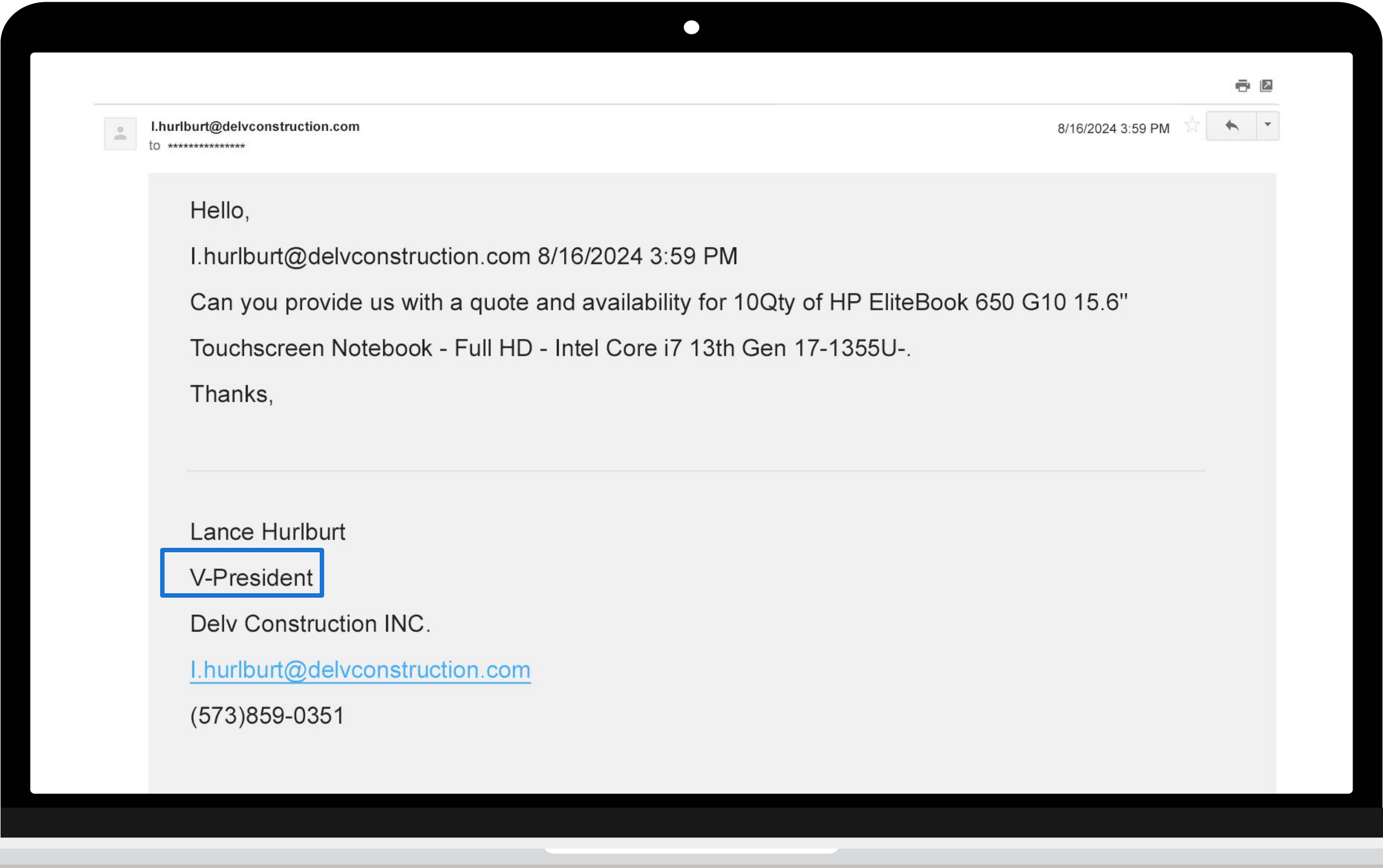
This message was sent from outside the company by someone with a display name matching a user in your organization. Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.

Hi

Are you able to update my direct deposit details in time for the next payroll please?

Let me know what is required.

Mike



I.hurlburt@delvconstruction.com
to *****

8/16/2024 3:59 PM



Hello,

I.hurlburt@delvconstruction.com 8/16/2024 3:59 PM

Can you provide us with a quote and availability for 10Qty of HP EliteBook 650 G10 15.6" Touchscreen Notebook - Full HD - Intel Core i7 13th Gen 17-1355U-.

Thanks,

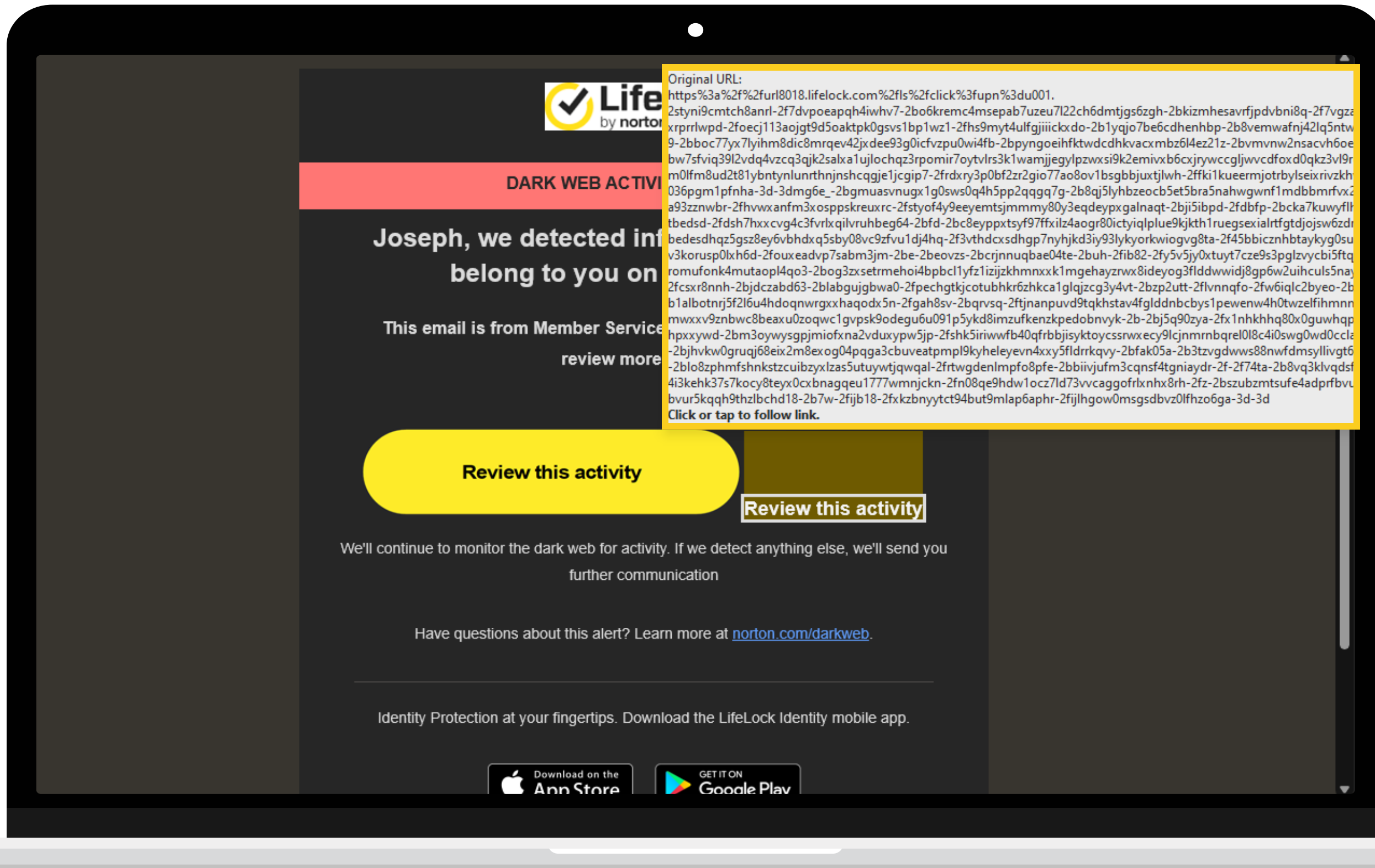
Lance Hurlburt

V-President

Delv Construction INC.

I.hurlburt@delvconstruction.com

(573)859-0351



A Weekly Habit To Keep You Off the Breach List



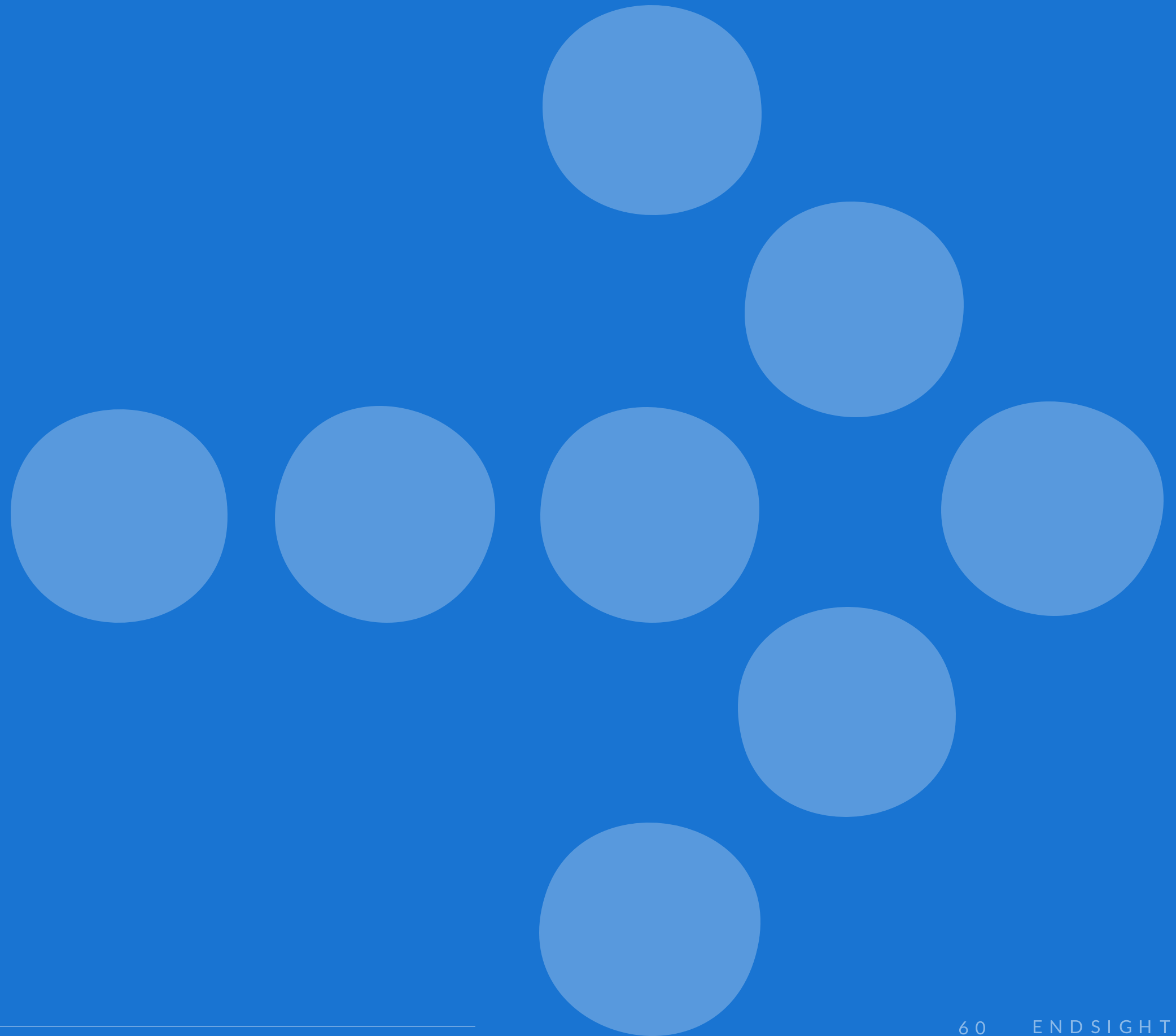
365 Tip of The Week

1 Cyber Security Habit | 1 Microsoft 365 Tip | 1 A.I. Tip
Every Week.



www.endsight.net/365

Ethics and Compliance



Attacks on Lawyers are at an all time high

- In 2025, seven California law firms reported data breaches to the California Attorney General.
 - This reflects only law firms that publicly reported incidents.
- A 2025 survey reported by Law.com found that 20% of U.S. law firms were targeted by cyberattacks in the past year.
- The legal sector consistently ranks among the top ten most targeted industries by cybercriminals.



Why are Lawyers Prime Targets for Hackers?

- Access to confidential client data.
 - Gateway to valuable targets
- Wealth of negotiation and litigation information.
- Smaller firms/businesses are believed to have a lack of advanced cybersecurity.
- Law Firms can't risk their reputation.
 - Gives hackers leverage to negotiate with the firm to prevent a leak.
- Lawyers are extremely busy and focused on legal work.
 - The busier you are the more likely you are to speed through things making it easier for hackers to trick you.



Notable Legal Breaches

Grubman Shire Meiselas & Sacks around 70 employees



- Entertainment Law Firm (with A-Listers as clients) that experienced a ransomware attack.
- Hackers demanded \$42 million; the firm did not pay it.

Hastings, Cohan & Walsh, LLP around 10 employees



- Real-estate law firm in Connecticut. One of their clients received a fraudulent email from them asking for a \$600,000 wire transfer.
- Alleged that hackers breached the firm's email system.

Bryan Cave Leighton Paisner around 1,200 employees



- Law firm used by major conglomerate Mondelez that experienced a data breach.

Hackers don't care
about you.

They only care about money.

Ethical Considerations

- Duty of client confidentiality.
- Inform clients of risk.
 - The communication and software platforms you use can be vulnerable.
 - Clear billing directions, your clients might get an email that looks like it's coming from you but isn't.
- Collect only necessary data.
- Have a written, tested incident response plan



California Rules of Professional Conduct

- Lawyers must take reasonable measures to safeguard confidential client information when using technology to transmit or store it. [Duty of Confidentiality \(Rule 1.6; Business & Professions Code § 6068\(e\)\)](#).
- Lawyers must take steps to secure devices and systems containing confidential client data, conduct inquiries after a breach, and notify affected clients if their interests may be harmed. [Data Breaches & Notification \(Formal Opinion No. 2020-203\)](#)
- Lawyers are not technologists. If they do not understand, they are required to communicate with an expert. [Ethical Duties in Handling of Discovery of Electronically Stored Information \(Formal Opinion No. 2015-193\)](#)
- For remote practice, attorneys must implement security measures such as:
[Duties When Working Remotely \(Formal Opinion 20-004\)](#)
 - Two-factor authentication
 - Strong passwords and auto-logout
 - Secure storage and disposal of physical and electronic files
 - Limiting access from other household users and disabling listening devices at home unless needed
- They should also counsel clients to take similar precautions when communicating remotely.
[Duties When Working Remotely \(Formal Opinion 20-004\)](#)



California Rules of Professional Conduct (Links)

These QR codes provide direct access to the source materials referenced on the previous slide.



Rule 1.6



2020-203

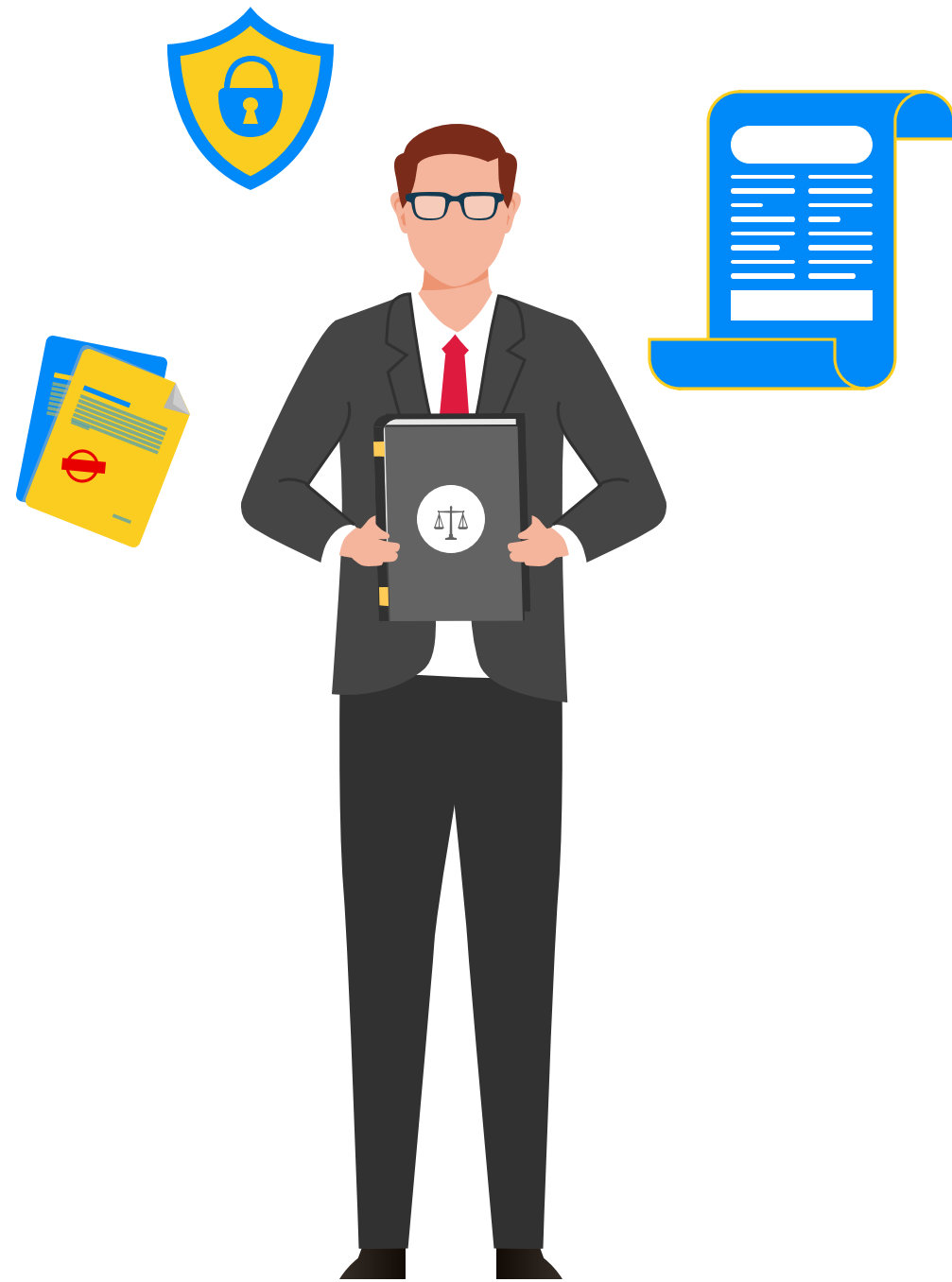


2015-193



20-004

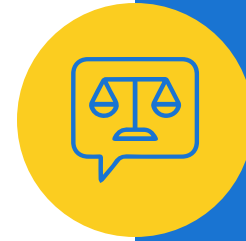
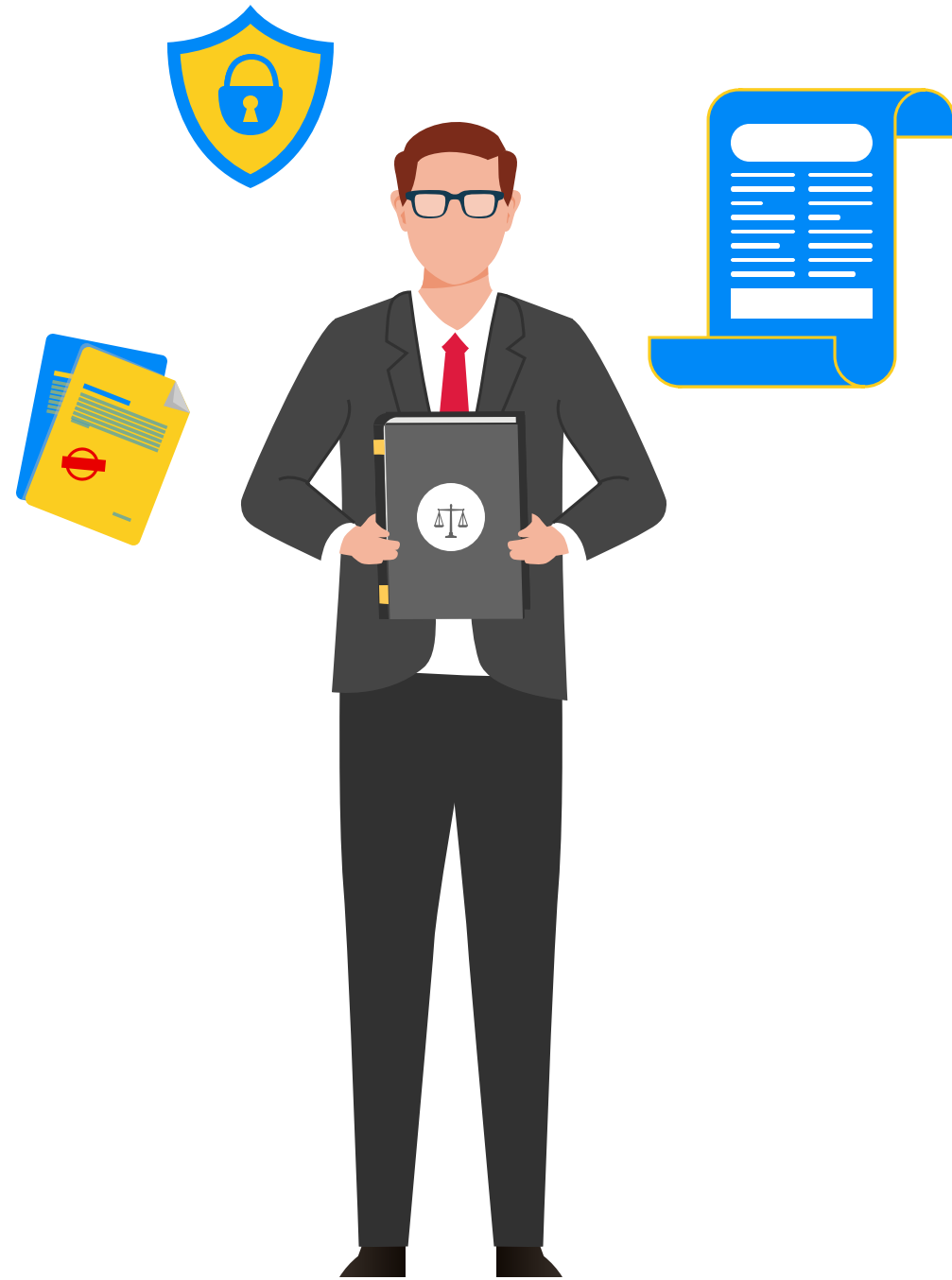
Formal Opinion 477R



- Provides guidance for lawyers on their ethical obligations to protect client confidentiality when using electronic communication. It is a revision of a previous opinion to address the evolving cybersecurity landscape.

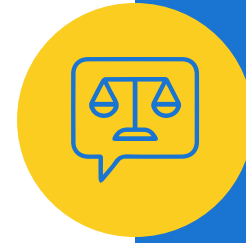
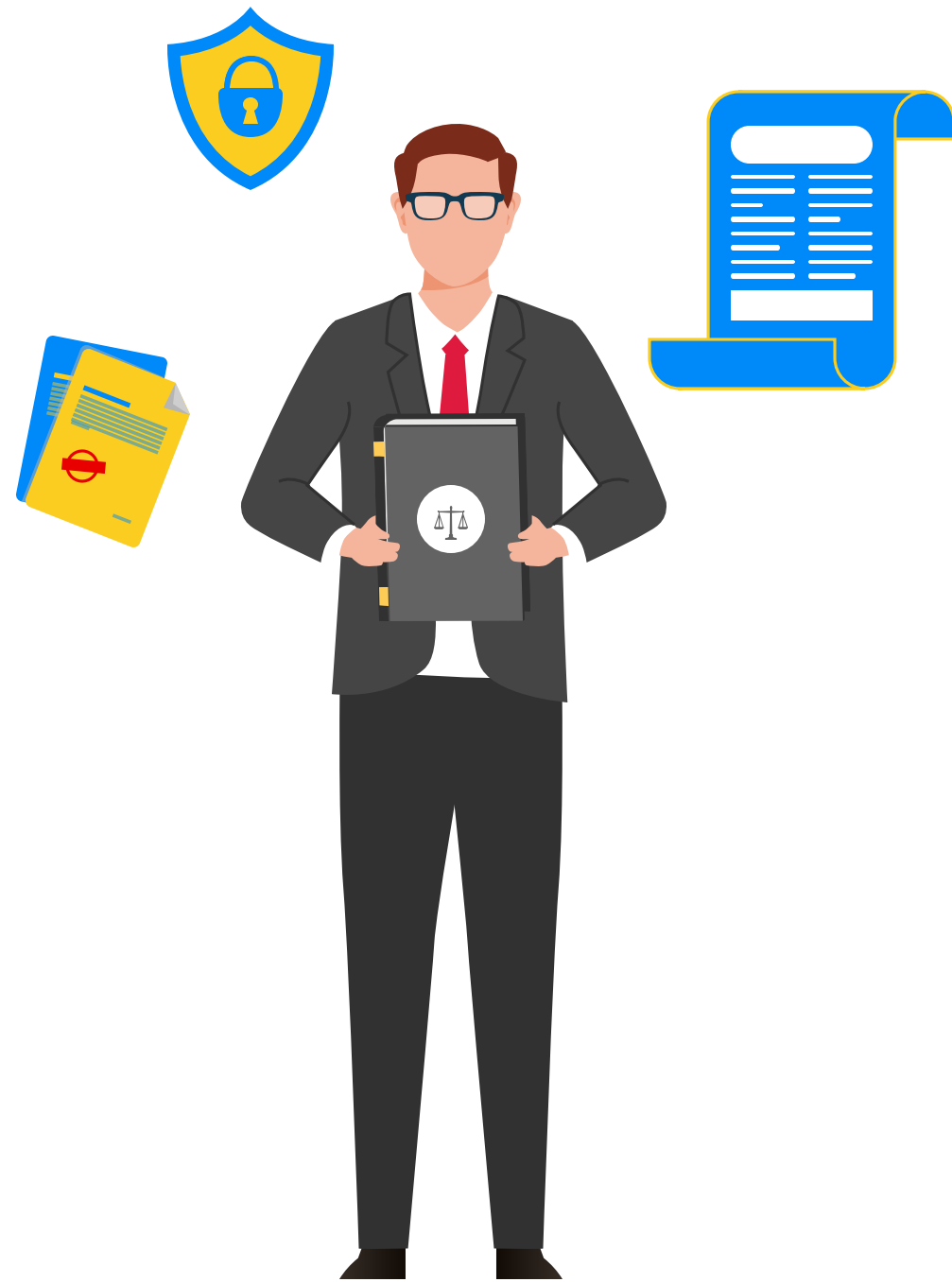
*Link available in the Resources section on the recording page.

Formal Opinion 477R Takeaways (Part 1)



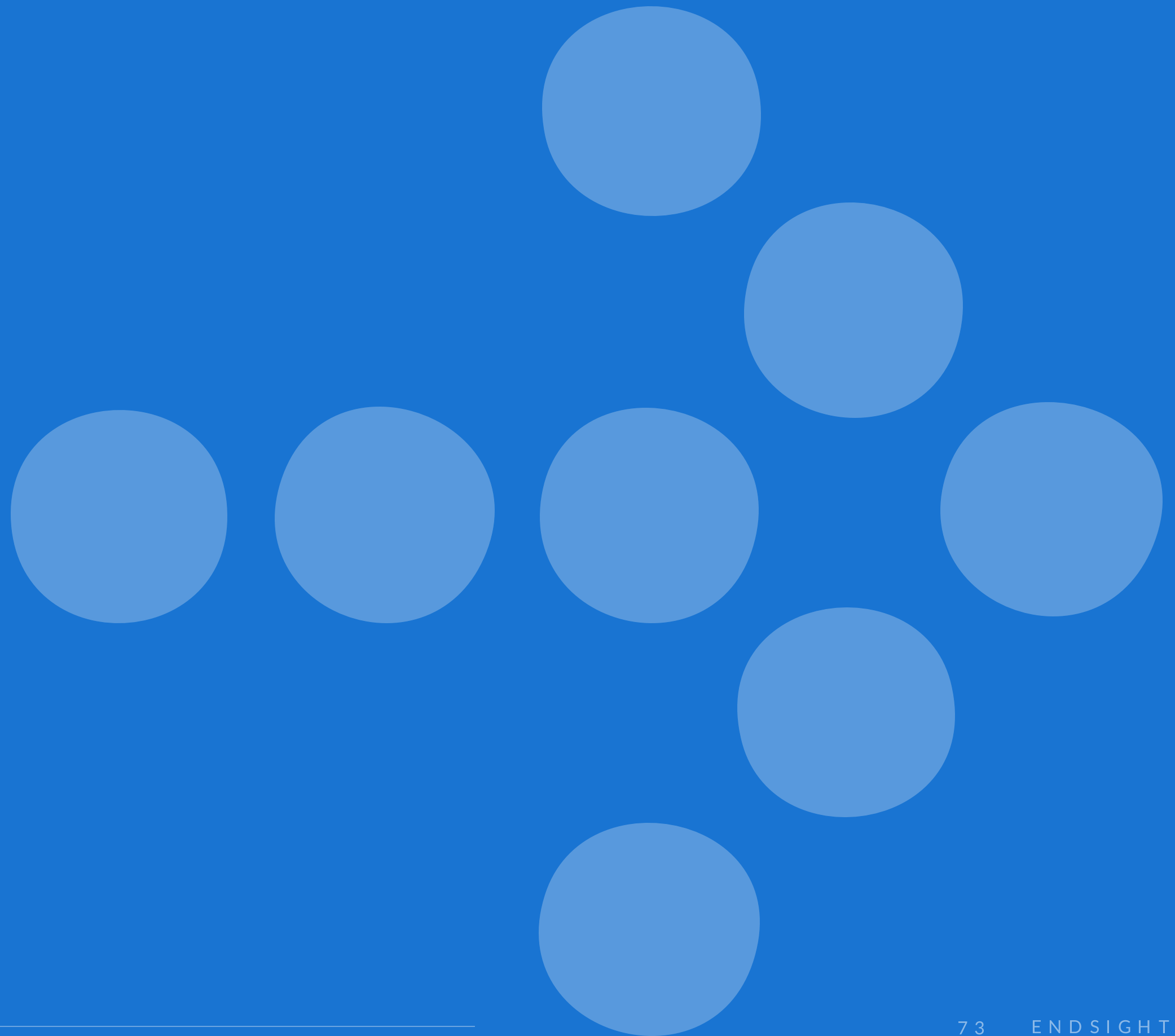
- Duty to Safeguard Client Information.
 - Lawyers have an ethical obligation under Model Rule 1.6 to take reasonable steps to prevent unauthorized access to client information, including in electronic communications.
- Reasonable Efforts Standard.
 - The opinion emphasizes that what constitutes "reasonable efforts" depends on several factors.
- Risk Assessment.
 - Lawyers are advised to conduct a risk assessment to determine the appropriate level of protection for client communications. This includes considering the type of technology used, potential risks, and mitigation strategies.

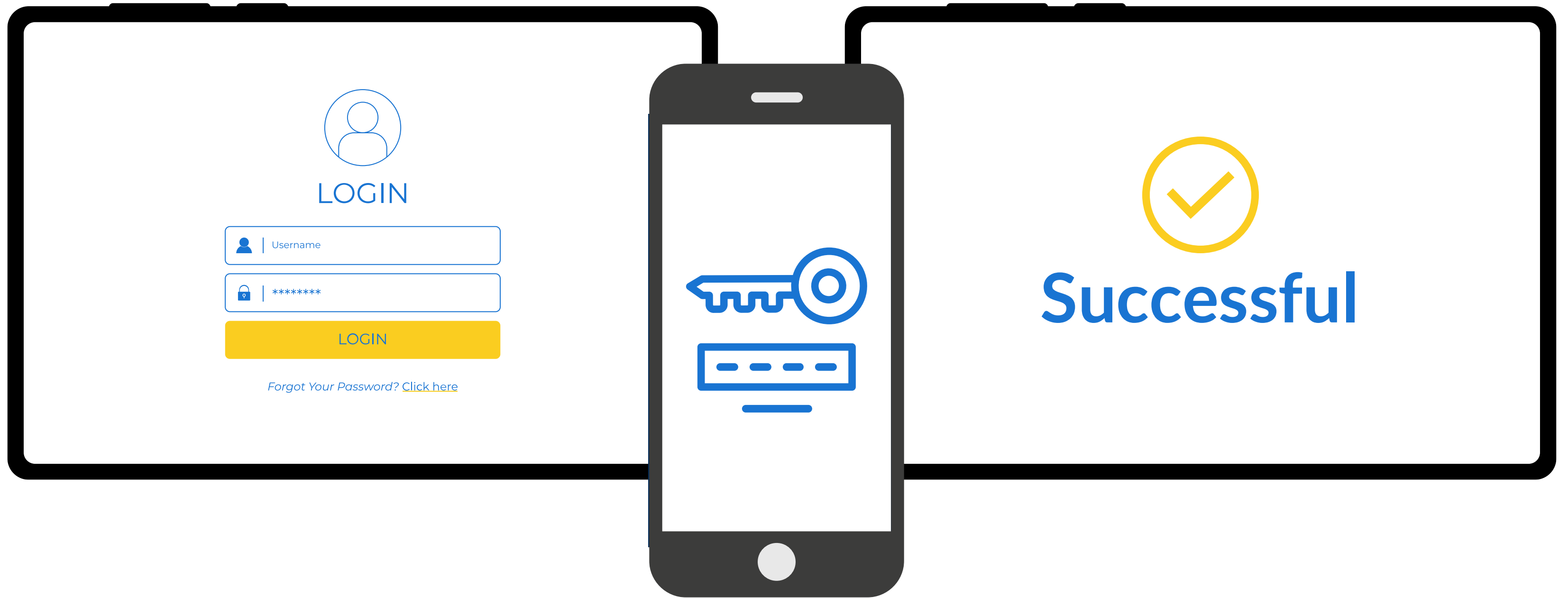
Formal Opinion 477R Takeaways (Part 2)



- Enhanced Security Measures
 - When dealing with highly sensitive information, lawyers may need to implement enhanced security measures.
- Client Communication and Consent
 - Lawyers should discuss confidentiality risks with clients and obtain consent when using less secure communication methods, particularly when sensitive information is involved.
- Third-Party Service Providers
 - If a lawyer uses third-party services, such as cloud storage, they must ensure these providers adhere to strong security protocols to protect client information.
- Continuous Monitoring
 - The opinion encourages lawyers to stay informed about evolving cybersecurity threats and regularly update their practices to address new risks.

Recap & Resources





Dictionary

Search for a word



sus·pi·cion

/sə' spiSHən/

noun

1. a feeling or thought that something is possible, likely, or true.
"she had a sneaking **suspicion** that he was laughing at her"

Similar: intuition feeling impression inkling surmise guess

2. cautious distrust.
"her activities were regarded with suspicion by the headmistress"

Similar: misgiving doubt qualm wariness chariness reservation

365 Tip of The Week

1 Cyber Security Habit | 1 Microsoft 365 Tip | 1 A.I. Tip
Every Week.

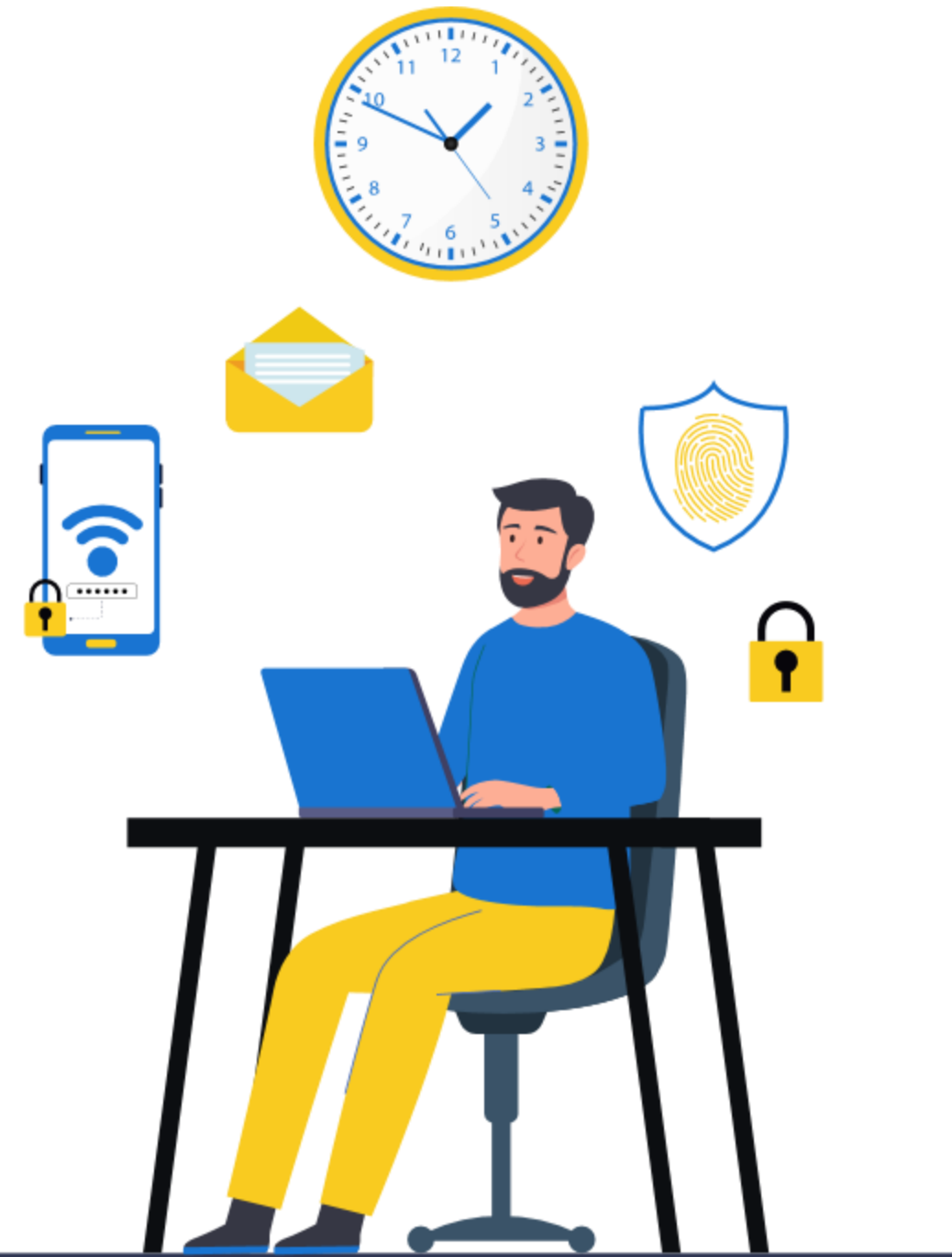


www.endsight.net/365

Next Training

May 12th @ 1 PM PST.

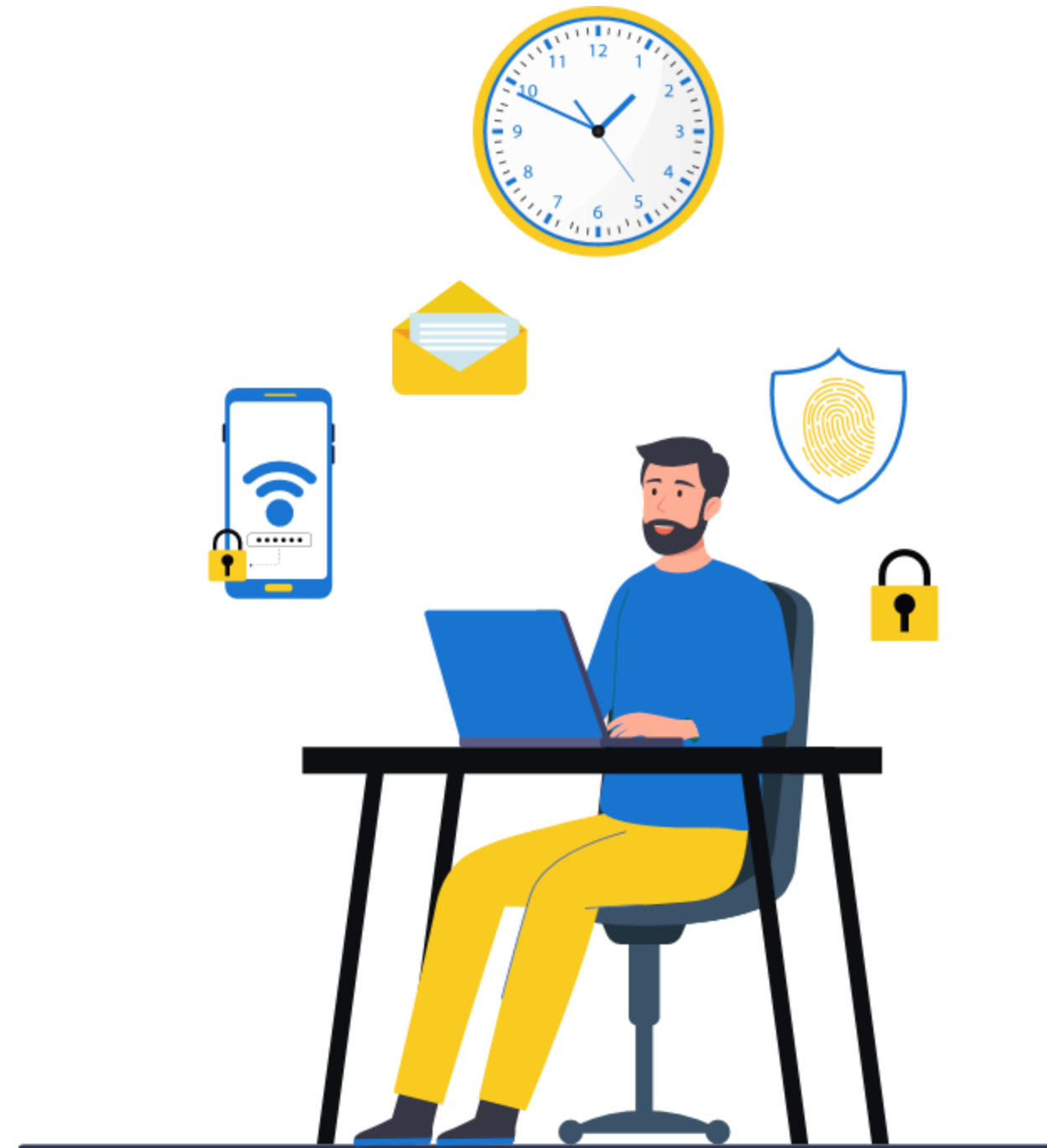
- To register:
 - Go to: www.endsight.net/training
 - Email akreps@endsight.net to register



Cybersecurity Office Hours

April 30th @ 1 PM PST.

- To register:
 - Scan the barcode
 - Go to: <https://get.endsight.net/cybersecurity/office/hours>
 - Email akreps@endsight.net to register
 - We can register you for the next one.
 - To register for all of the remaining 2026 sessions, please email akreps@endsight.net

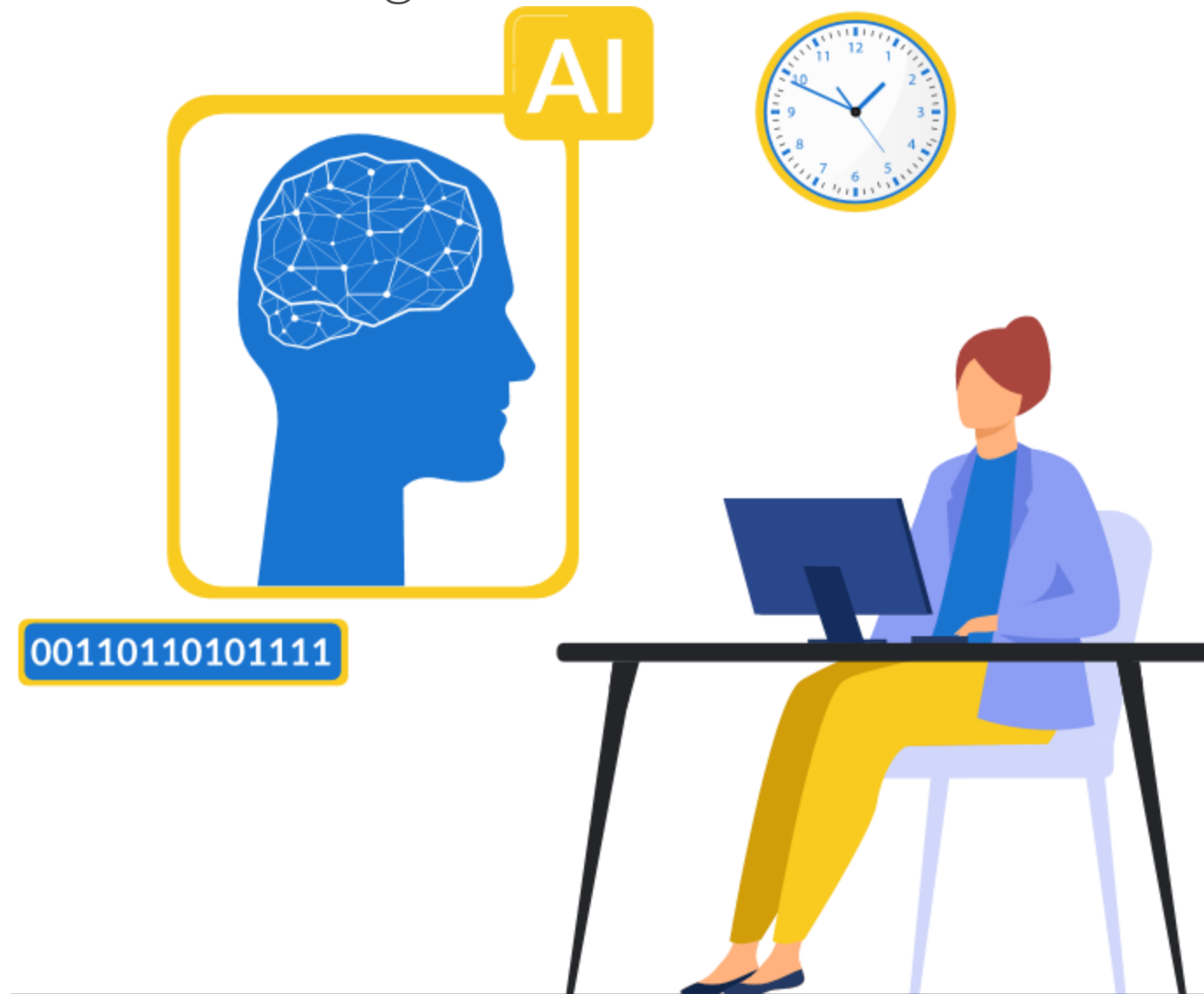


AI Office Hours

June 30th @ 1 PM PST.

Similar format to Security Office Hours, but with some training.

- To register:
 - Scan the barcode
 - Go to: <https://www.endsight.net/development/webinar>
 - Email akreps@endsight.net to register



Thank you!

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