

THE ULTIMATE CYBERSECURITY GUIDE



CONQUER



THE WEB

EDITED BY Jonathon Reuvid

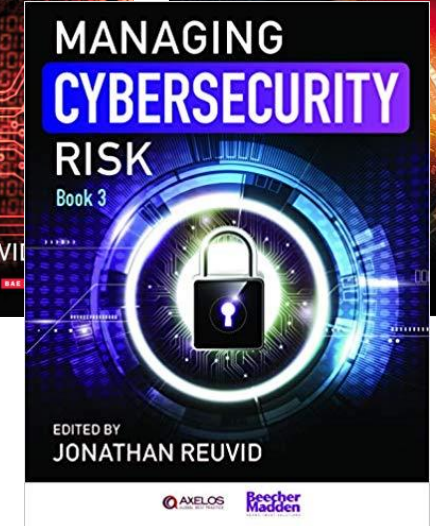
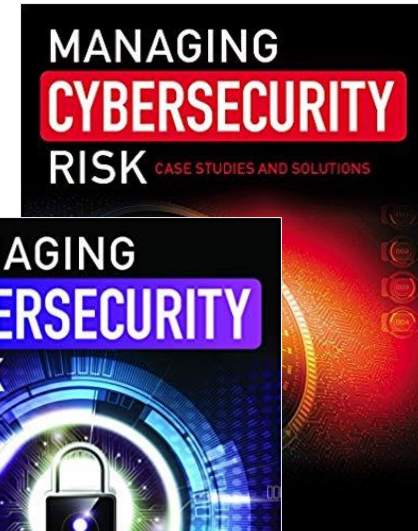
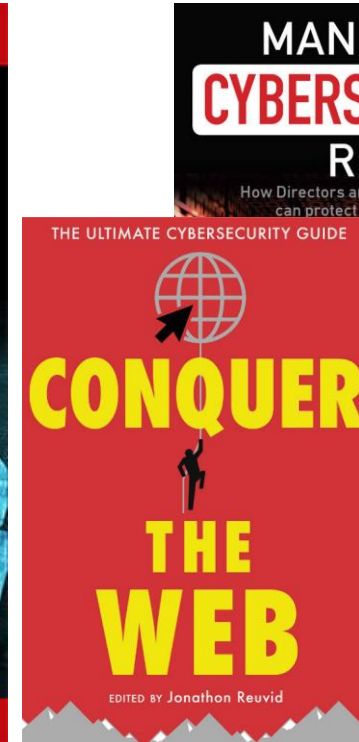
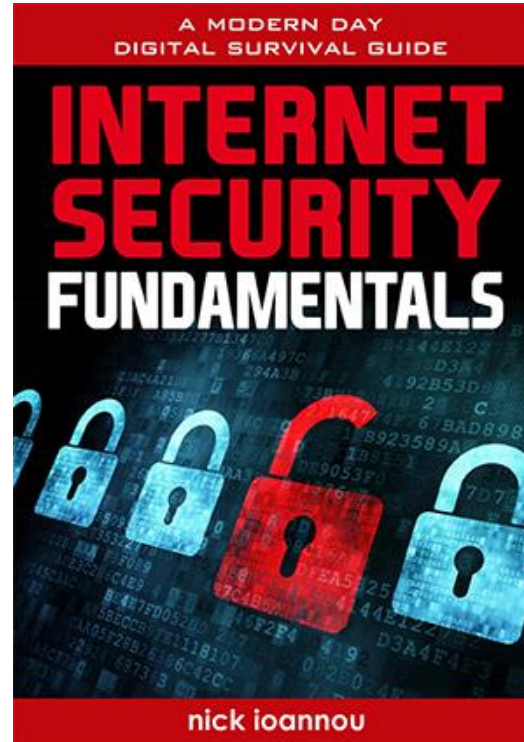
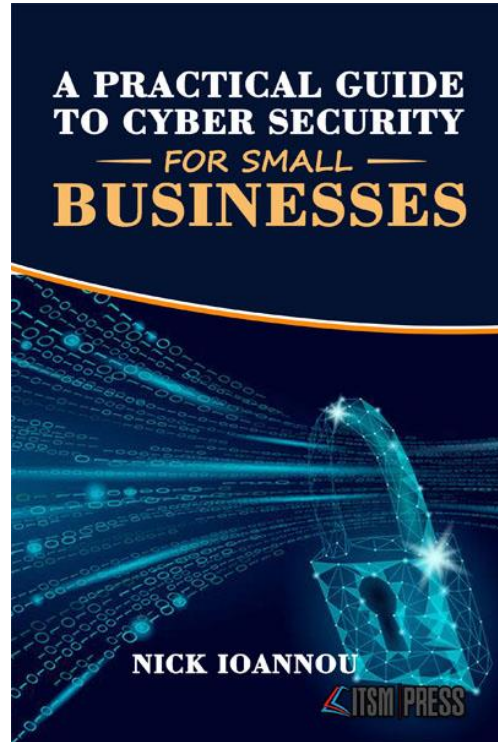
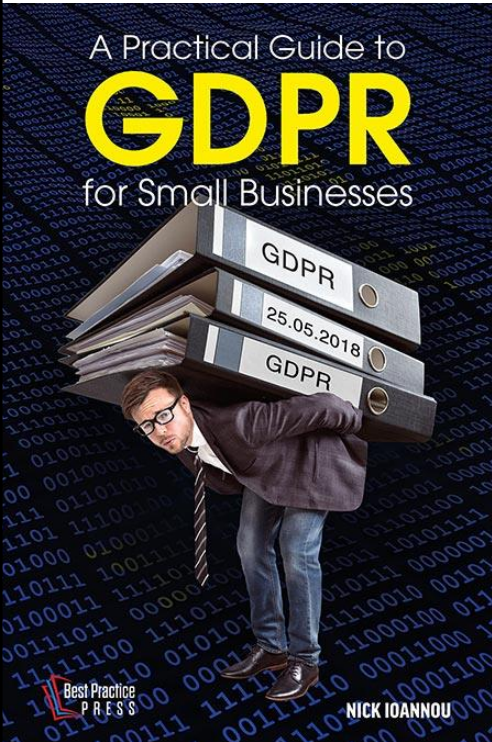
The Risks Of The Digital Age

by contributing author

nick ioannou



My Amazon Author Page can be found at: www.amazon.com/author/nick-ioannou

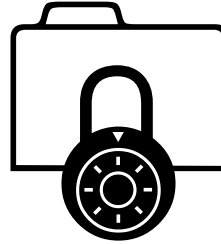


Author

Contributing Author



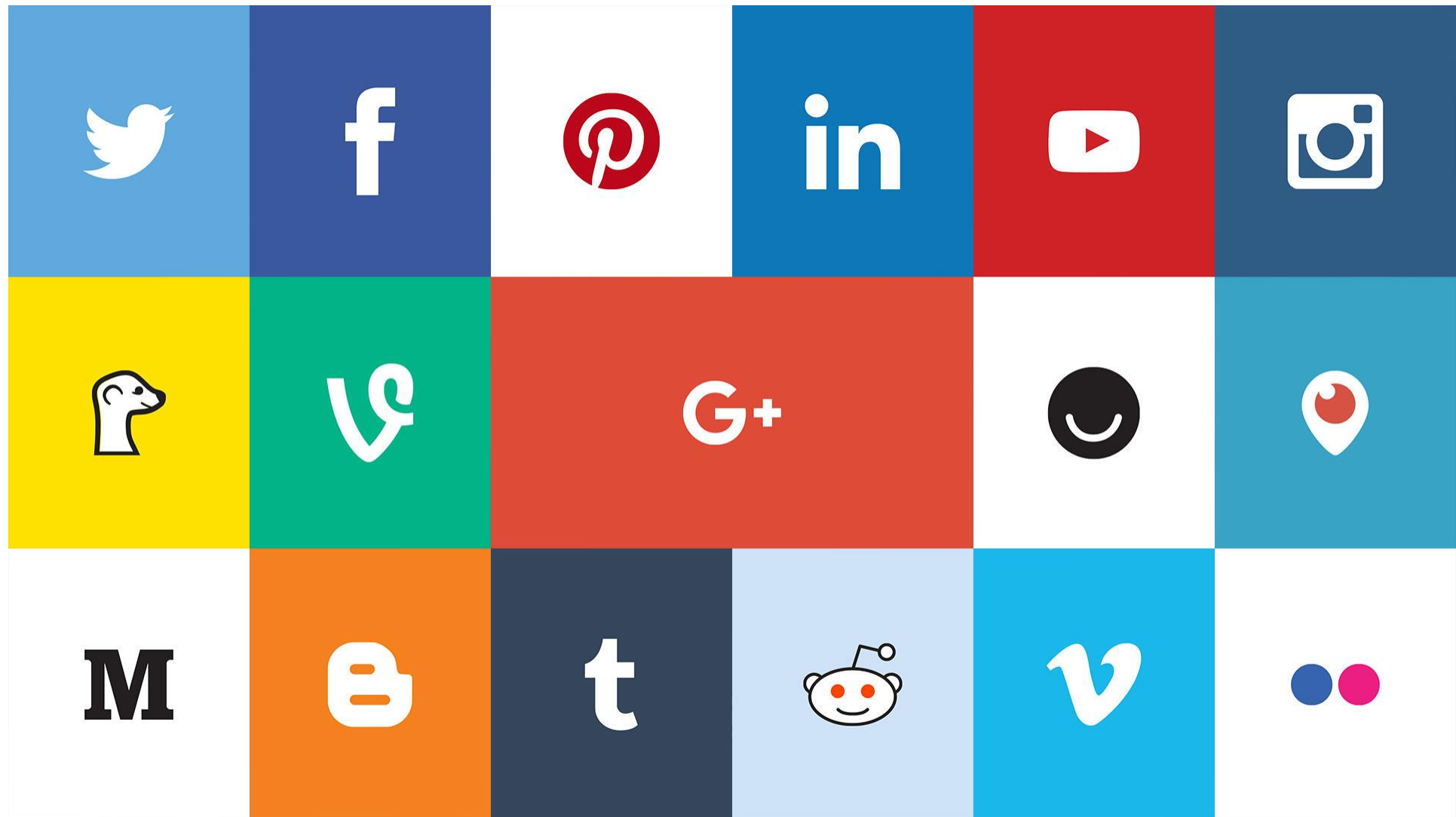
Who is nick ioannou?



DATA COLLECTION

The Incredible Growth Of The Internet





How much information are you giving away?



There are over 65 social media systems

Apple Media Services Terms and Conditions



These terms and conditions create a contract between you and Apple (the "Agreement"). Please read the Agreement carefully. To confirm your understanding and acceptance of the Agreement, click "Agree."

A. INTRODUCTION TO OUR SERVICES

This Agreement governs your use of Apple's services ("Services"), through which you can buy, get, license, rent or subscribe to content, apps ("Apps"), and other in-app services (collectively, "Content"). Content may be offered through the Services by Apple or a third party. Our Services are available for your use in your country of residence ("Home Country"). To use our Services, you need compatible hardware, software (latest version recommended and sometimes required) and Internet access (fees may apply). Our Services' performance may be affected by these factors.

B. USING OUR SERVICES

PAYMENTS, TAXES, AND REFUNDS

You can acquire Content on our Services for free or for a charge, either of which is referred to as a "Transaction." Each Transaction is an electronic contract between you and Apple, and/or you and the entity providing the Content on our Services. However, if you are a customer of Apple Distribution International and you acquire an App or a book, Apple Distribution International is the merchant of record; this means that you acquire the Content from Apple Distribution International, and it is licensed by the App Provider (as defined below) or book publisher. When you make your first Transaction, we will ask you to choose how frequently we should ask for your password for future Transactions. If you enable Touch ID for Transactions, we will ask you to authenticate all Transactions with your fingerprint, and if you enable Face ID for Transactions, we will ask you to authenticate all Transactions using facial recognition. Manage your password settings at any time by following these instructions: <https://support.apple.com/en-us/HT204030>. Apple will charge your selected payment method (such as your credit card, debit card, gift card/code, or other method available in your Home Country) for any paid Transactions, including any applicable taxes. If you have also added it to your Apple Wallet, Apple may charge your selected payment method in Apple Wallet using Apple Pay. If we cannot charge your selected payment method for any reason (such as expiration or insufficient funds), you remain responsible for any uncollected amounts, and we will attempt to charge the payment method again as you may update your payment method information. If you pre-order Content, you will be charged when the Content is delivered to you (unless you cancel prior to the Content's availability). In accordance with local law, Apple may update information regarding your selected payment method if provided such information by your financial institution. For details about how Transactions are billed, please visit <http://support.apple.com/kb/HT5582>. All Transactions are final. Content prices may change at any time. If technical problems prevent or unreasonably delay delivery of Content, your exclusive and sole remedy is either replacement of the Content or refund of the price paid, as determined by Apple. From time to time, Apple may refuse a refund request if we find evidence of fraud, refund abuse, or other manipulative behavior that entitles Apple to a corresponding counterclaim. Terms related to Store Credit and gift cards/codes are available here: <https://www.apple.com/legal/internet-services/itunes/giftcards/>.

APPLE ID

Using our Services and accessing your Content may require an Apple ID. An Apple ID is the account you use across Apple's ecosystem. Your Apple ID is valuable, and you are responsible for maintaining its confidentiality and security. Apple is not responsible for any losses arising from the unauthorized use of your Apple ID. Please contact Apple if you suspect that your Apple ID has been compromised.

7199 words

1. Introduction

4049 words

1.1 Contract

You agree that by clicking "Join Now", "Join LinkedIn", "Sign Up" or similar, registering, accessing or using our services (described below), **you are agreeing to enter into a legally binding contract** with LinkedIn (even if you are using our Services on behalf of a company). If you do not agree to this contract ("Contract" or "User Agreement"), do **not** click "Join Now" (or similar) and do not access or otherwise use any of our Services. If you wish to terminate this contract, at any time you can do so by closing your account and no longer accessing or using our Services.

Services

This Contract applies to LinkedIn.com, LinkedIn-branded apps, Slideshare, LinkedIn Learning and other LinkedIn-related sites, apps, communications and other services that state that they are offered under this Contract ("Services"), including the offsite collection of data for those Services, such as our ads and the "Apply with LinkedIn" and "Share with LinkedIn" plugins. Registered users of our Services are "Members" and unregistered users are "Visitors". This Contract applies to both Members and Visitors.

LinkedIn


You are entering into this Contract with LinkedIn (also referred to as "we" and "us").

We use the term "Designated Countries" to refer to countries in the European Union (EU), European Economic Area (EEA), and Switzerland.


If you reside in the "Designated Countries", you are entering into this Contract with LinkedIn Ireland Unlimited Company ("LinkedIn Ireland") and LinkedIn Ireland will be the controller of your personal data provided to, or collected by or for, or processed in connection with our Services.

If you reside outside of the "Designated Countries", you are entering into this Contract with LinkedIn Corporation ("LinkedIn Corp.") and LinkedIn Corp. will be the controller of your personal data provided to, or collected by or for, or processed in connection with our Services.


No one reads the agreements

 **Android Device Configuration Service**
Android device attributes, performance data, software versions and account identifiers. [More info](#) ☒

 **HTML format**

 **Arts & Culture**
Favourites and galleries that you've created on Google Arts & Culture. ☒


 **Multiple formats**


 **Blogger**
Your Blogger blogs, including posts, pages, comments and videos, as well as settings and your Blogger profile. [More info](#) ☒

 **Multiple formats**

 **Bookmarks**
Your bookmarks stored at www.google.com/bookmarks [More info](#) ☒


 **HTML format**

 **Calendar**
Your calendar data in iCalendar format. ☒

 **Chrome**
Bookmarks, history and other settings from Chrome ☒

 **Multiple formats**

 **All Chrome data included**


 **Classic Sites**
The content and attachments of your sites created in Classic Sites. [More info](#) ☒

 **Multiple formats**


 **All sites included**

 **Classroom**
Your Classroom classes, posts, submissions and registers [More info](#) ☒


 **JSON format**

 **Contacts**
Contacts and contact photos that you added yourself, as well as contacts saved from your interactions in Google products such as Gmail. [More info](#) ☒

 **vCard format**

 **Crisis User Reports**
Information provided to help others during crises ☒

Google splits what they know about you into 51 products

 **Android Device Configuration Service**
Android device attributes, performance data, software versions and account identifiers. [More info](#) ☒

 **HTML format**

 **Chrome**
Bookmarks, history and other settings from Chrome ☒


 **Multiple formats**

 **All Chrome data included**

 **Arts & Culture**
Favourites and galleries that you've created on Google Arts & Culture. ☒

 **Classic Sites**
The content and attachments of your sites created in Classic Sites. [More info](#) ☒

 **Multiple formats**

 **Blogger**
Your Blogger blogs, including posts, pages, comments, settings and your Blogger profile. [More info](#) ☒


 **Multiple formats**

 **Bookmarks**
Your bookmarks stored at www.google.com/bookmarks. [More info](#) ☒

 **HTML format**

 **vCard format**

 **Calendar**
Your calendar data in iCalendar format. ☒

 **Crisis User Reports**
Information provided to help others during crises ☒


Archive progress



An archive of 51 products is currently being prepared

Please note that archives may take a long time (hours or possibly days) to create. You will receive an email when your archive is complete.

 **Cancel archive**

 **Create another archive**

Google splits what they know about you into 51 products



DATA PROTECTION AND THE LEGISLATION

GDPR - General Data Protection Regulation



Principle 1 - lawfulness, fairness and transparency

That personal data is processed lawfully,
fairly and in a transparent manner in
relation to individuals

Principle 2 - purpose limitation

That personal data is collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes

Principle 3 - data minimisation

That personal data is adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed

Principle 4 - accuracy

That personal data is accurate and, where necessary, kept up to date; every reasonable step must be taken to ensure that personal data that is inaccurate, having regard to the purposes for which it is processed, is erased or rectified without delay

Principle 5 - storage limitation

That personal data must be kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the personal data are processed

Principle 6 - integrity and confidentiality

That your data is processed in a manner that ensures appropriate security of the personal data, including protection against unauthorised or unlawful processing and against accidental loss, destruction or damage

Personal Details	Financial Details	ID	Employment details	Monitoring	Special Categories
Name	Bank account	Passport	CV/employment history	IP address	Health information
Address	National insurance	Driving licence	References	CCTV	Biometrics
Email	Tax reference	National ID card	Pre-employment checks	Images	Genetic data
Telephone	Pension details		Education & training	Voice recordings	Sexual orientation
Fax	Debit/credit cards		Annual appraisals	Cookies/apps	Trade union membership
Date of birth	Credit checks		Employment status		Ethnic origin
Title/gender			Work permit/immigration		Political opinions
Emergency contact			Annual leave		Religious beliefs
Next of kin/relationship			Sickness		
Parental consent			Disciplinary/complaints		
Anniversary dates			Professional memberships		
Social media accounts			Security clearance		
Personal interests			Criminal record		
Personal memberships					

What is personal data?

Consent

Contract

Legal
obligation

Vital
interests

Public task

Legitimate
interests

The lawful basis for processing data

Additional conditions for processing special category data

- 1) the data subject has given explicit consent
- 2) for the purposes of employment and social security/social protection law
- 3) necessary to protect the vital interests of the data subject
- 4) carried out by an association or not-for-profit body with a political, philosophical, religious or trade union aim and only on members/ex-members
- 5) relates to personal data which are made public by the data subject
- 6) necessary for the establishment, exercise or defence of legal claims
- 7) necessary for reasons of substantial public interest
- 8) necessary for the purposes of assessment of the working capacity of the employee, medical diagnosis, health or social care
- 9) necessary for reasons of public interest in the area of public health
- 10) processing is necessary for archiving purposes in the public interest, research or statistical

The lawful basis for processing data

Informed

Access

Correction

Erase

Restrict processing

Data portability

Object

Automated processing

Consent is only valid when:

Unbundled

Active opt-in

Granular

Named

Documented

Easy to withdraw

No imbalance in the relationship

Your rights under GDPR

<https://www.gov.uk/data-protection/make-a-complaint>

Data Protection Authority

Controller:

within 72 hours

Processor:

without undue delay

Data categories

Number of data subjects

DPO contact

Likely consequences

Mitigation measures

Data subject

Without undue delay
(unless data encrypted)

Nature of breach

DPO contact

Likely consequences

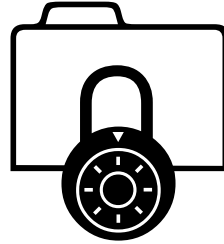
Mitigation measures

What happens if a company loses your data?

“a breach of security leading to the accidental or unlawful destruction, loss, alteration, unauthorised disclosure of, or access to, personal data

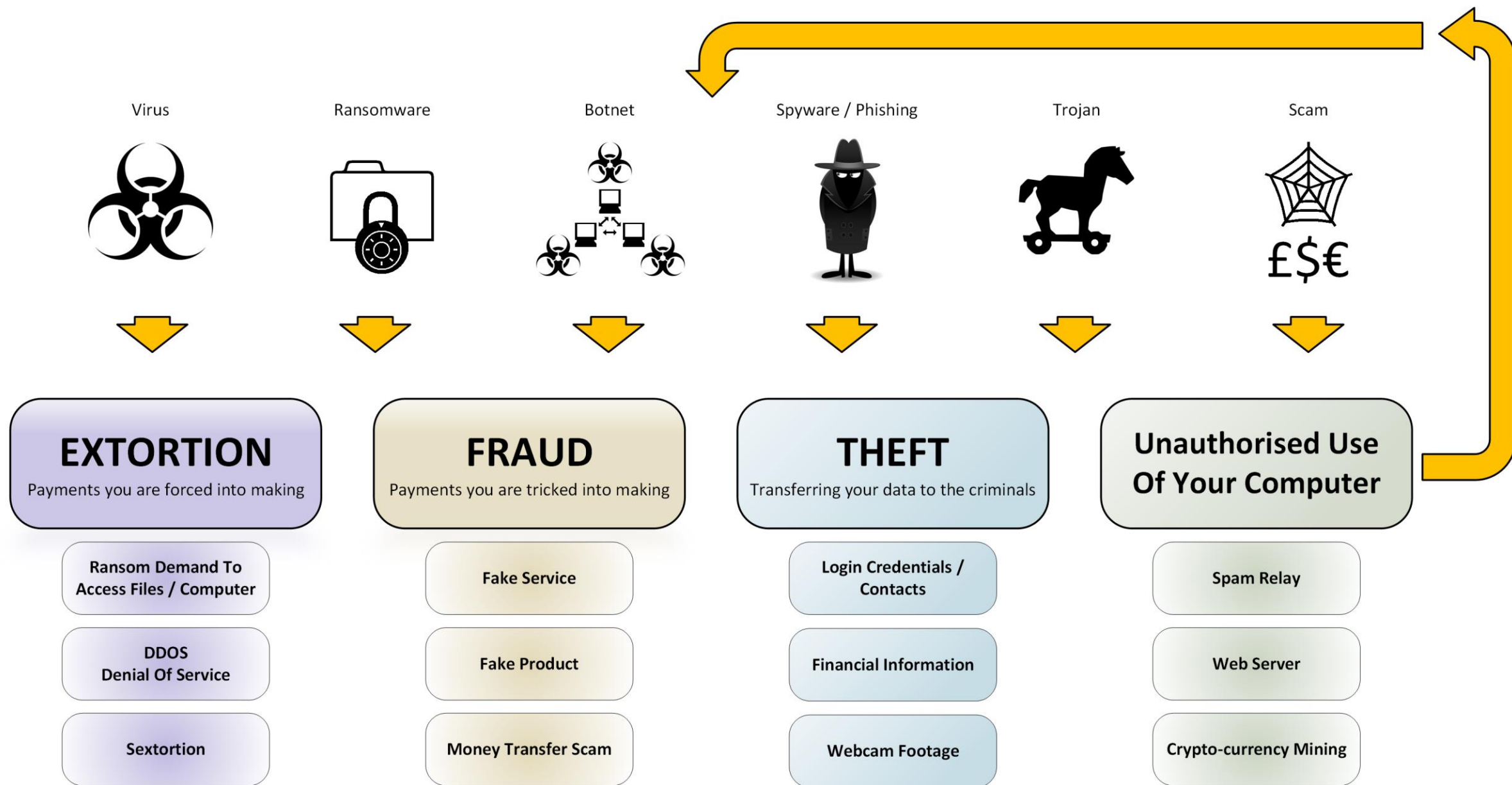


It's quite easy to be caught in a data breach!

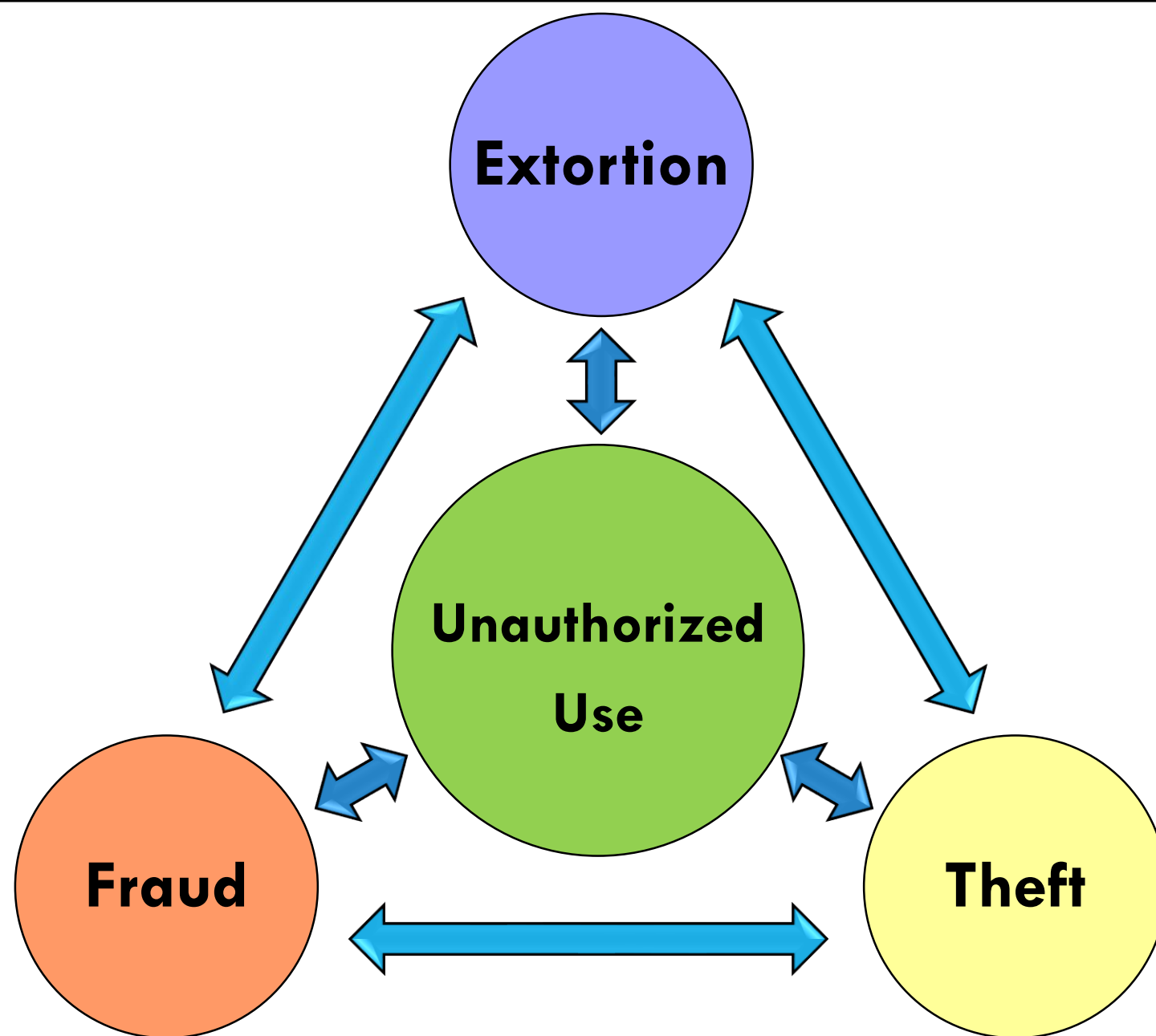


COUNTER SOCIAL ENGINEERING

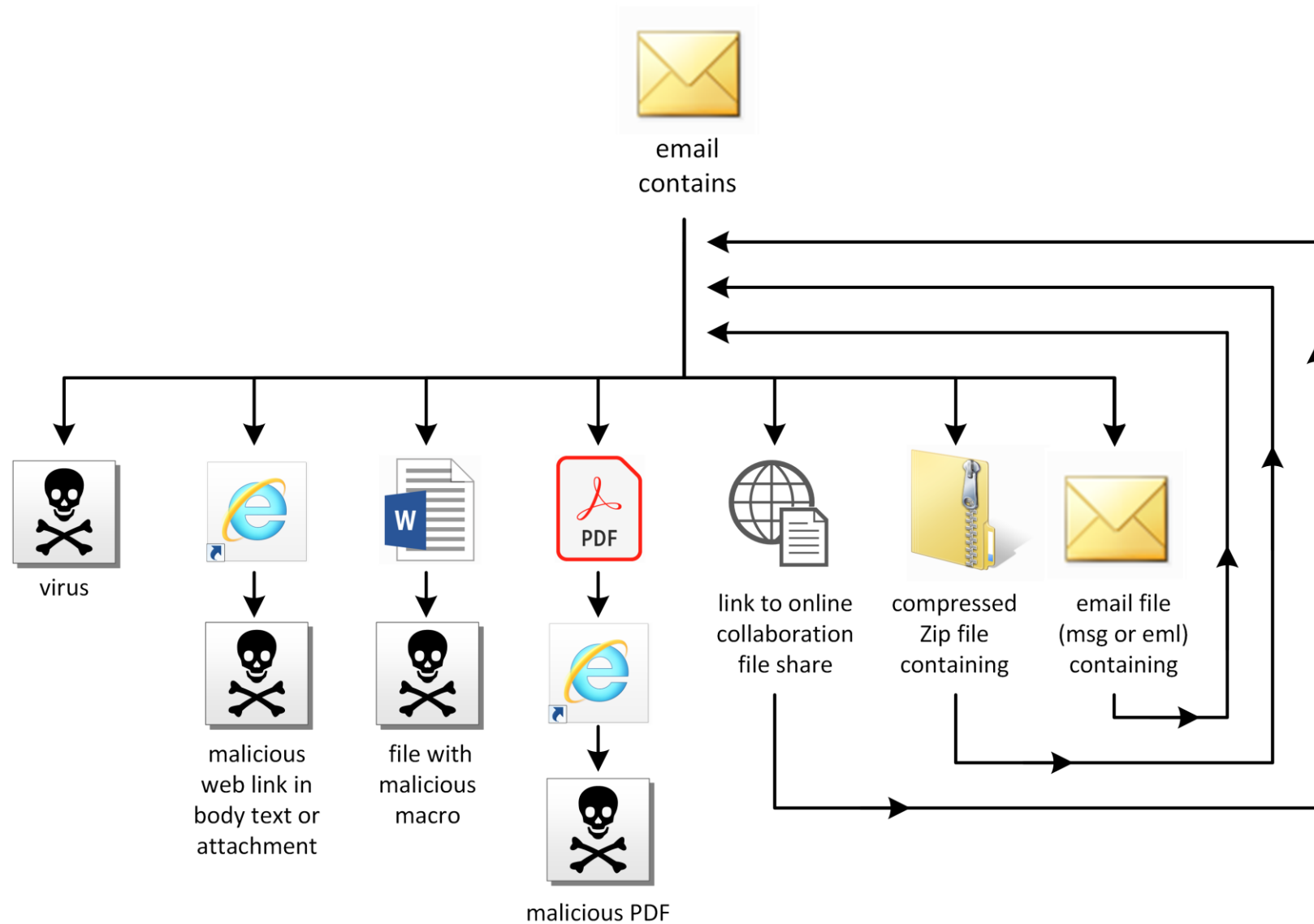




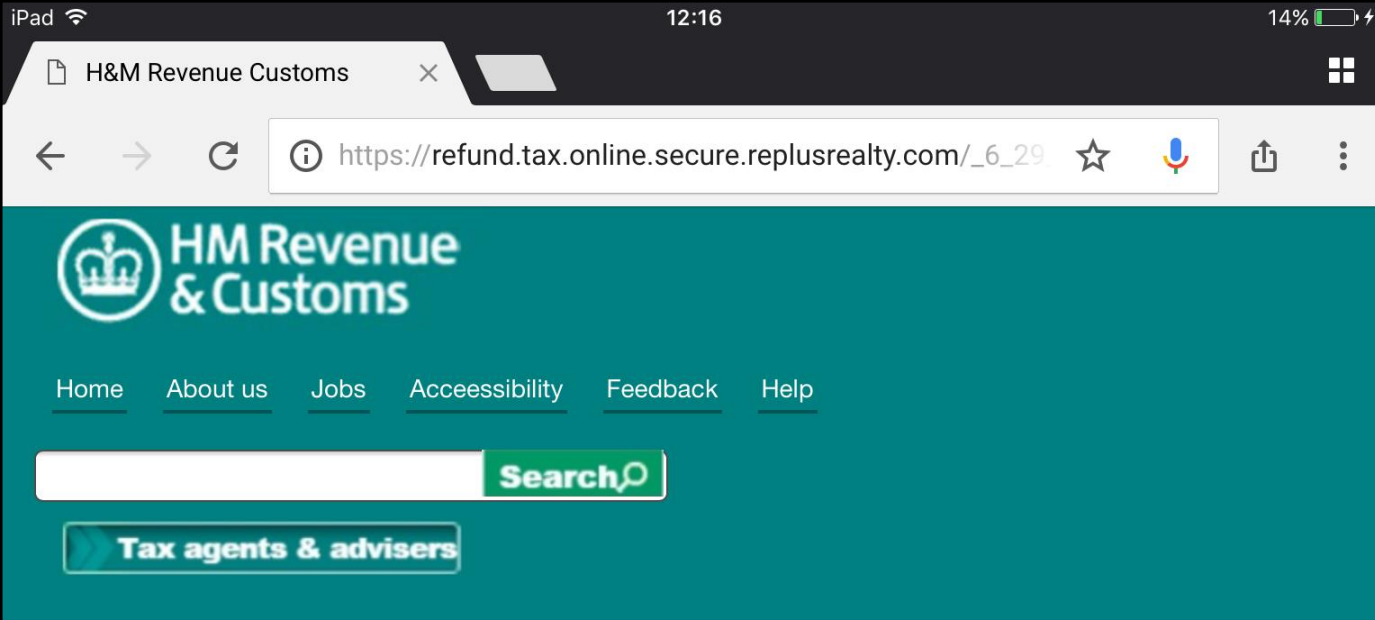
Why Would Cyber Criminals Target Me?



Why Would Cyber Criminals Target Me?



Emails are still the main infection route



► **Address Information** - Please enter your name and address as you have it listed for your credit card.

CardHolder Name:

Date of Birth: (dd/mm/yyyy)

Mother Maiden Name:

Address:

Town/City:

Province/Region:

Postal Code:

Phone Number:

► **Credit Card Information** - Please enter your Credit or Debit Card where refunds will be made.

Account number:

Sort Code:

Debit / Credit Card Number:



Expiration Date: - Month - / - Year -

Card Verification Number: [[view sample](#)]

Criminals target services we all have to use

iPad 16:22 91%

Done < > licensing-apply.ml

TV LICENSING Home Easy_read Cymraeg Search

Pay for your TV Licence Update your details Check if you need one

Please enter your E-mail, Full Name, Date of Birth and press SEARCH
The 243.75 GBP will be credited to your bank account !

- About the TV Licence holder**
- Payment details for the refund of 243.75 GBP

About the TV Licence Holder

***E-mail:**

***Full Name:**

***Date of Birth:**

Secure website

Whether you're editing for your TV Licence, setting up a new name, or updating your details, you can relax in the knowledge that this is a secure website and your personal information is safe with us.

[About us](#) | [Contact us](#) | [Accessibility](#) | [Community relations](#) | [Media Centre](#) | [Sitemap](#) | [Cookies](#) | [Privacy policy](#)

Criminals target services we all have to use

Final Notification

Your Apple ID is due to expire today. Prevent this by confirming your Apple ID at <http://appleid-details.com>

Apple Inc

The website it goes to is <http://appleid-details.com>
apple is misspelt



iMessage

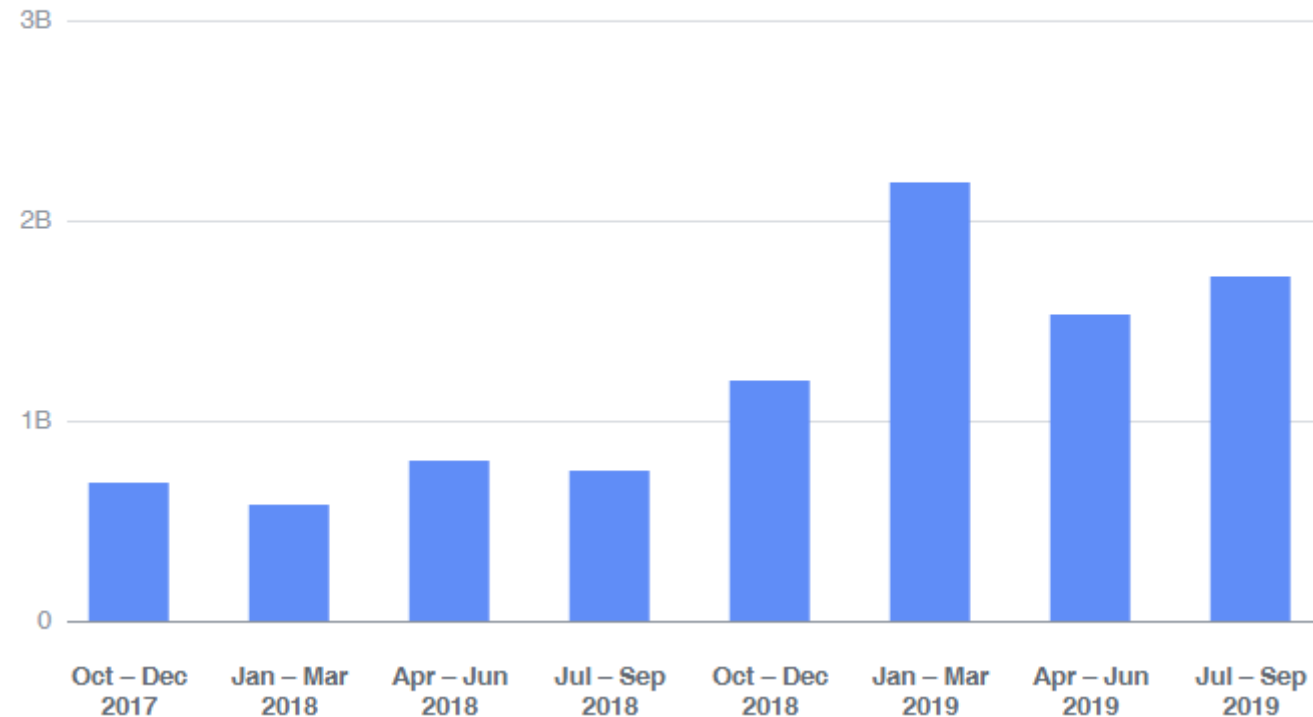


The criminals also use text messages - SMS (Smishing)

We disabled 1.2 billion accounts in Q4 2018 and 2.19 billion in Q1 2019.
We estimated that 5% of monthly active accounts are fake.

ACCOUNTS ACTIONED

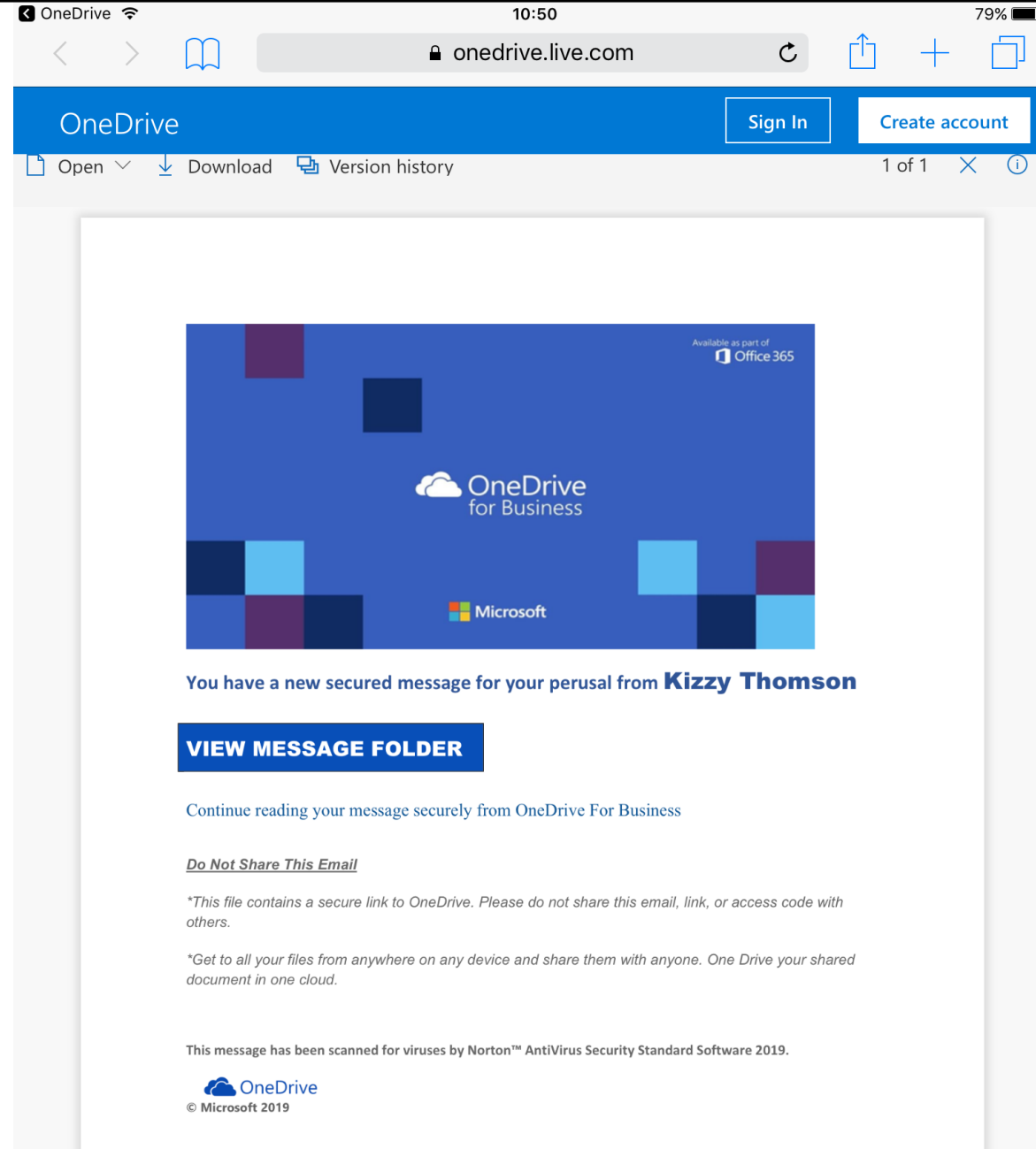
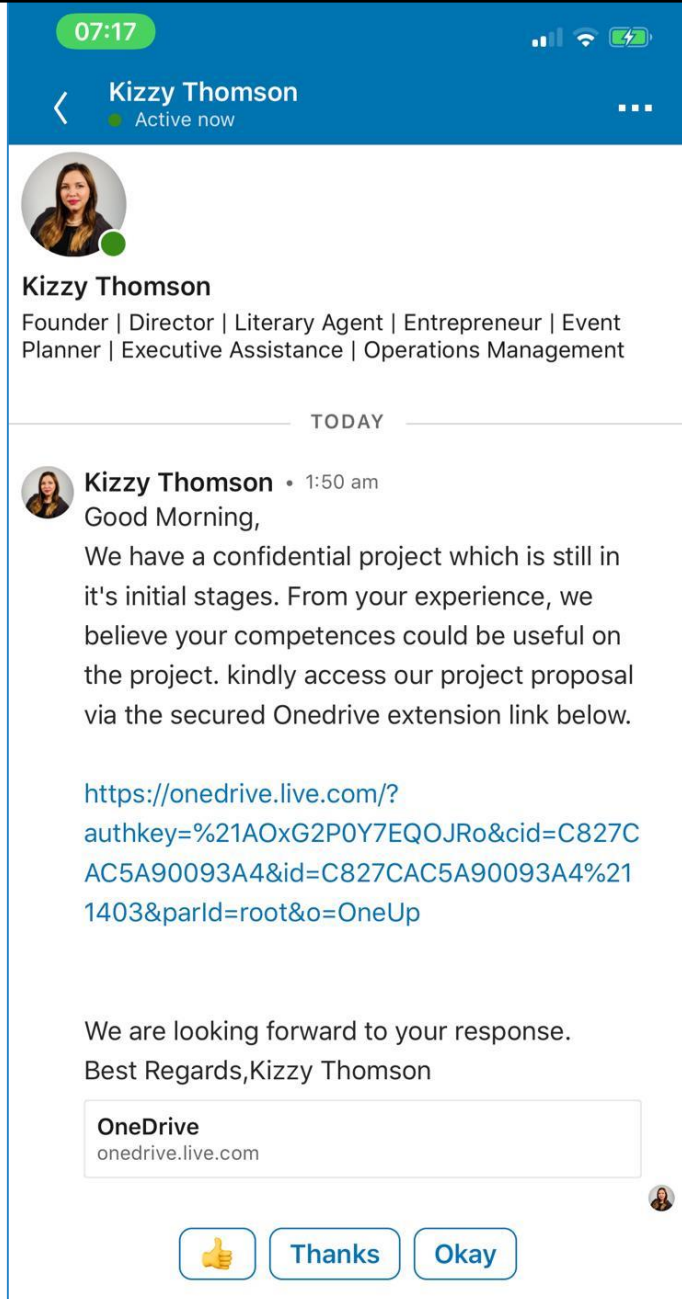
How many fake accounts did we take action on?



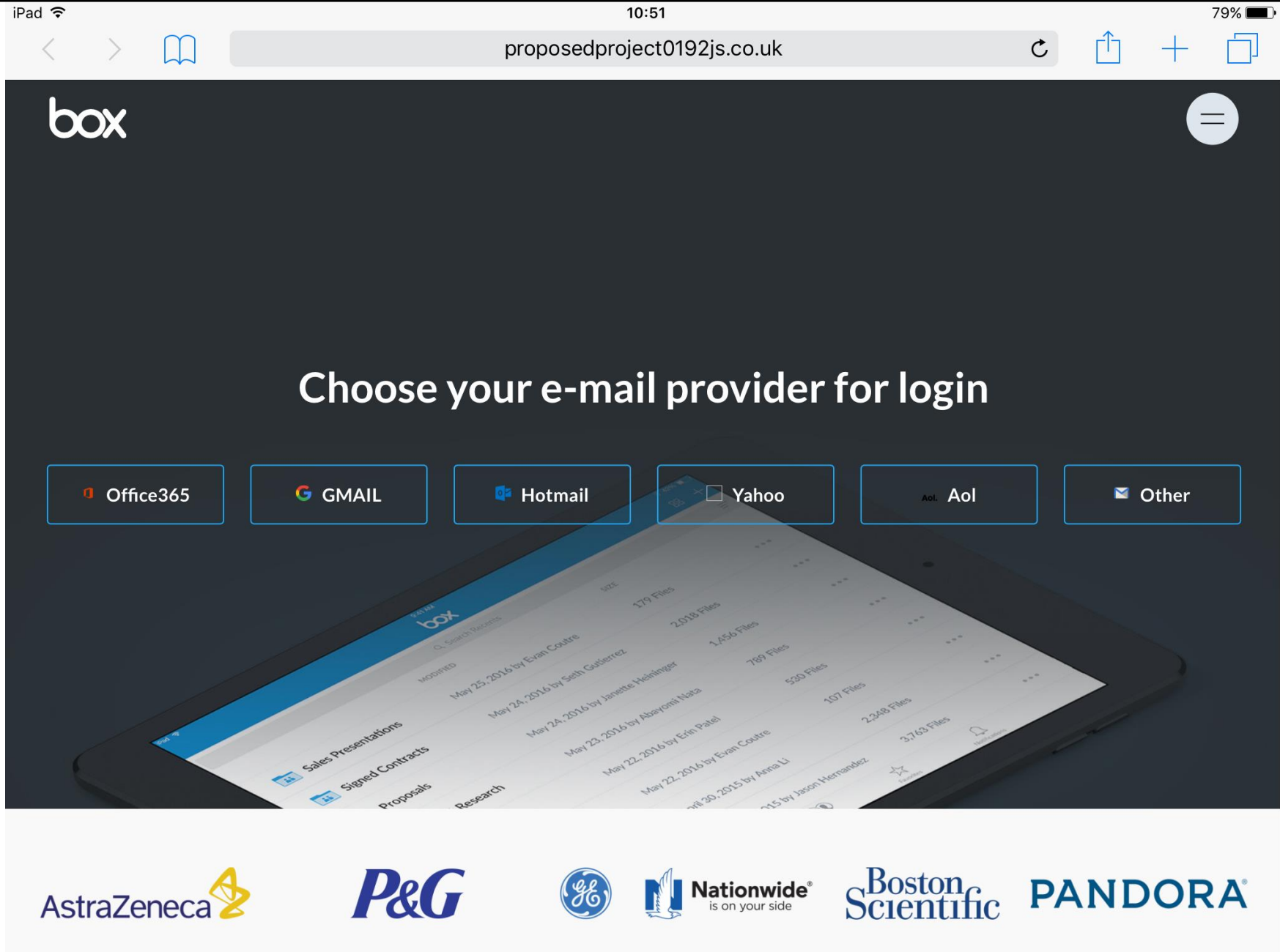
<https://about.fb.com/news/2019/05/enforcing-our-community-standards-3/>

FACEBOOK

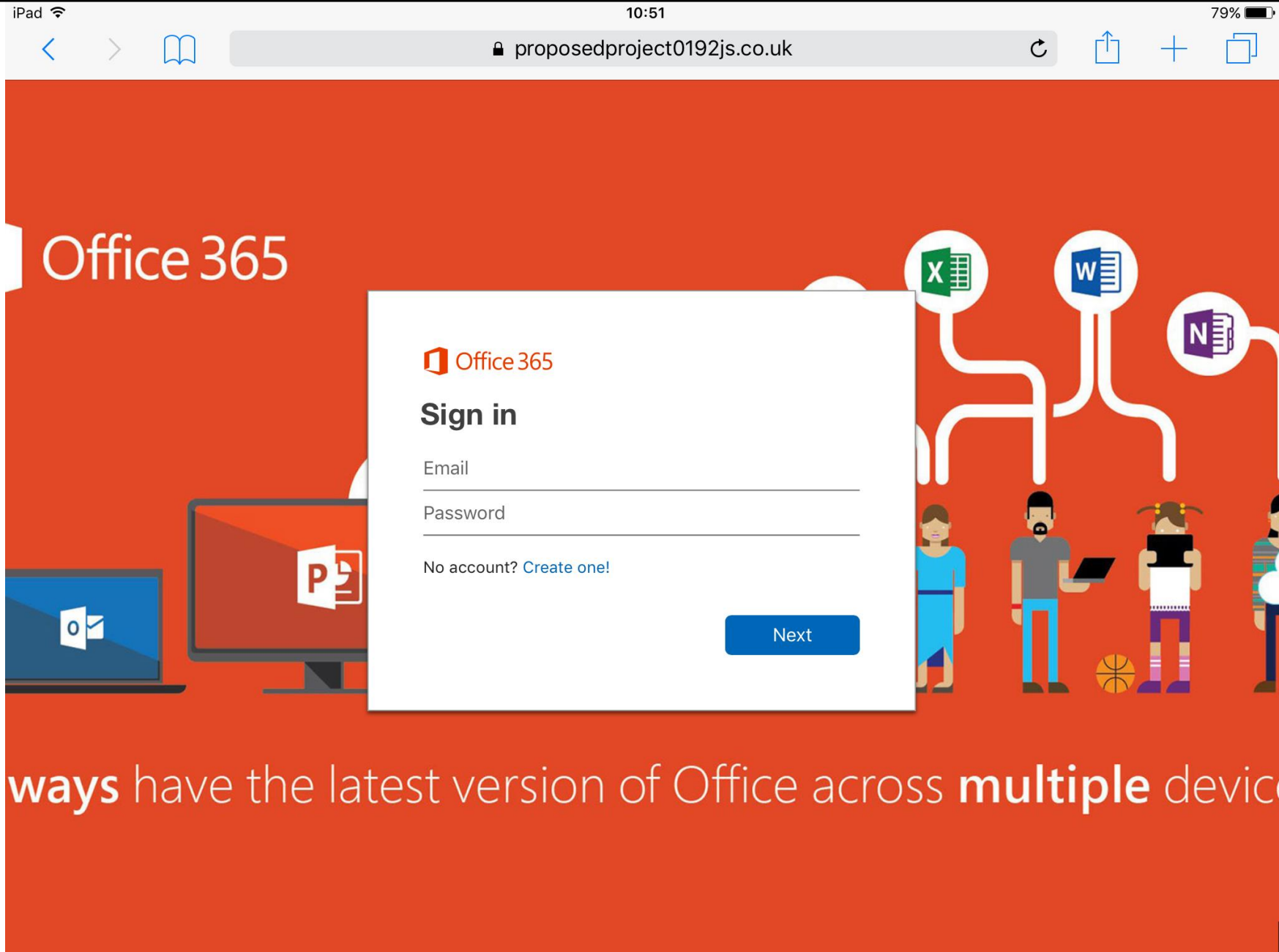
Social media is plagued with fake accounts



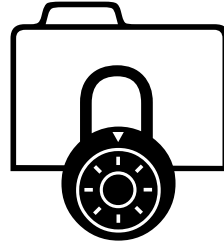
Compromised social media is also an infection route



Any online service can be faked



Some are faked more than others



BANKING, APPS AND PASSWORDS



Finance & Utilities	Online Shopping	Social Media	Online Services	Travel
Online banking	Amazon	LinkedIn	email	Congestion charge
PayPal	Tesco	Facebook	Apple ID	TrainLine
Mobile network	John Lewis	Twitter	Microsoft ID	British Airways
Electricity utility	Costco	Pinterest	Dropbox	Hotels.com
Gas utility	Debenhams	Instagram		Marriott hotels
Water utility	Pizza company	Slack		Uber
Council tax	Tastecard	Eventbrite		
Telephone network	Deliveroo	Meetup		
TV subscription				

How many online logins and passwords do you have?

The 32 Passwords You Really Shouldn't Use Unless You Want To Get Hacked



Davey Winder Senior Contributor @
[Cybersecurity](#)
I report and analyse breaking cybersecurity and privacy stories



New research has revealed the 32 passwords most commonly traded on the Dark Web GETTY

000000	456a33	cheer!	password
111111	66936455	cheezy	password1
112233	789_234	Exigent	penispenis
123456	aaaaaa	old123ma	snowman
12345678	abc123	opensesame	soccer1
123456789	career121	pass1	student
1qaz2wsx	carrier	passer	welcome
3154061	comdy	passw0rd	!qaz1qaz

Why after 30 years are we still bad at passwords?

Office 365



YAHOO!
MAIL

Outlook.com

amazon

PayPal

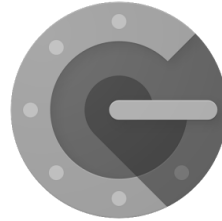
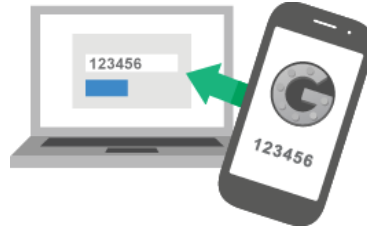


Adobe® Creative Cloud™



LinkedIn

2 step verification logins



Two-Factor Authentication



A message with a verification code has been sent to your devices. Enter the code to continue.

Didn't get a verification code?

amazon.co.uk

Two-Step Verification

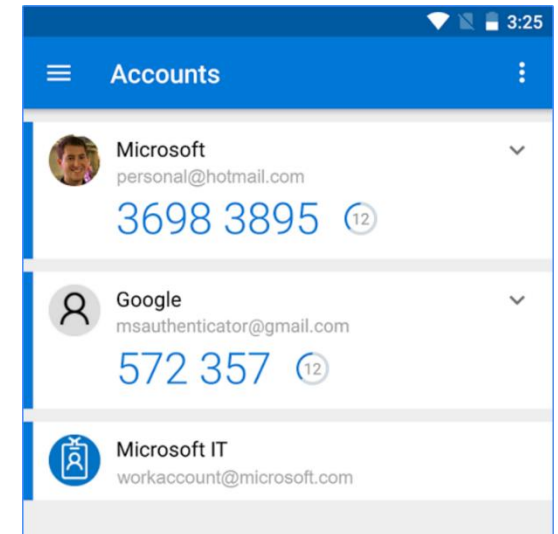
Enter the code that has been sent to a phone number ending in 249

Enter code:

☐ Don't ask for codes on this device

Sign In

[Didn't receive the code?](#)



Passwords are not enough

Log on to Online Banking: Username x +

← → ↻ 🏠 security.hsbc.co.uk/gsa?idv_cmd=idv.SaaSSe

Personal Business

 **HSBC UK**

Everyday Banking
Accounts & services

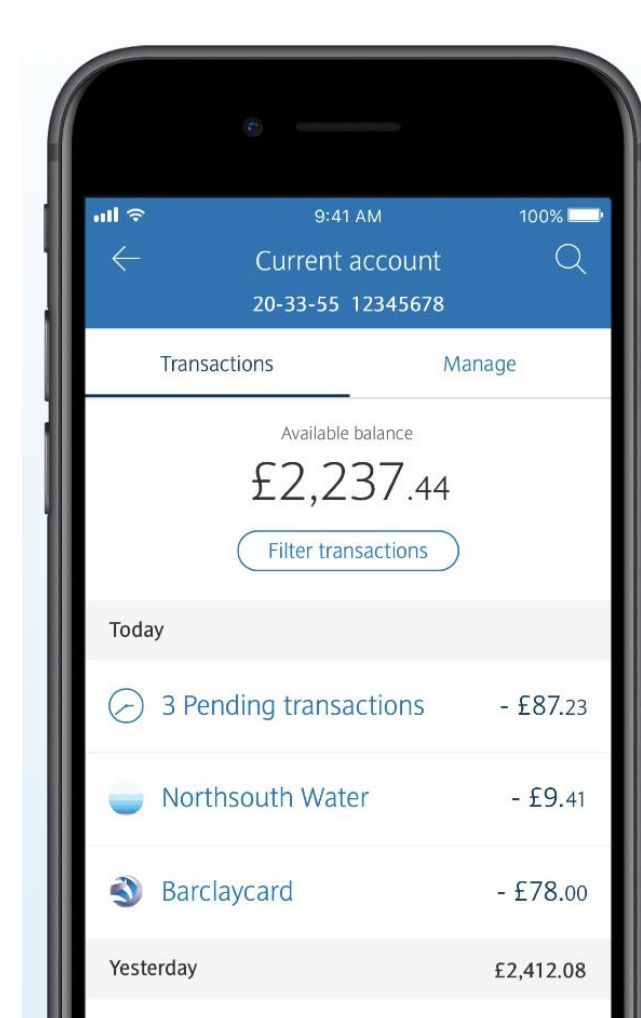
Log on to Online Banking

Online Banking

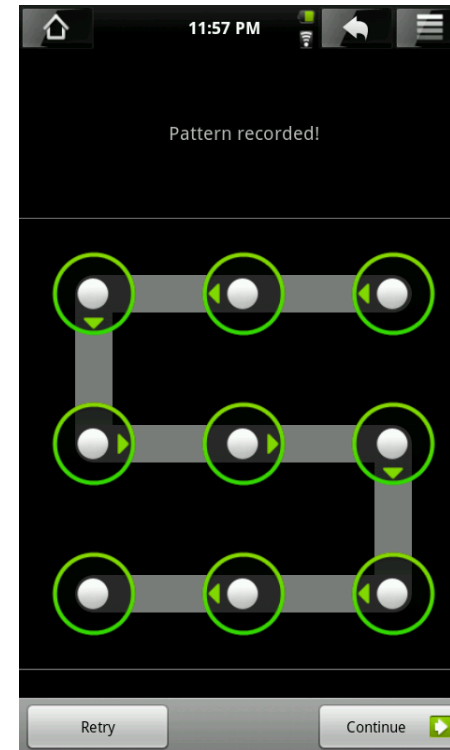
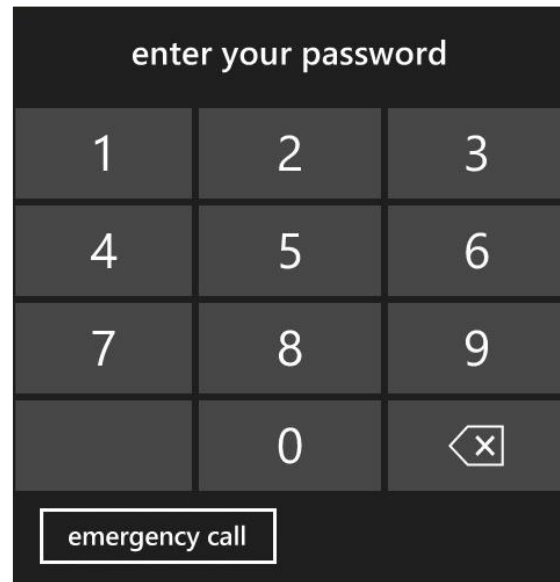
Please enter your username eg IB1234567890 or John123

☐ Remember my username

[Forgot your username? >](#)



Banking apps use both a password/PIN and biometrics



Avoid 1234, 1111, 0000, 4321 & 1010

Don't Forget The Basics



Home

Personal info

Data & personalisation

Security

People & sharing

Payments & subscriptions

Help

Send feedback



Welcome, Nick Ioannou

Manage your info, privacy and security to make Google work better for you

Privacy & personalisation

See the data in your Google Account and choose what activity is saved, to personalise your Google experience

[Manage your data & personalisation](#)

We keep your account protected

The Security Check-up gives you personalised recommendations to secure your account

[Get started](#)

Account storage

Your account storage is shared across Google services, such as Gmail and Photos



11% used – 3.57 GB of 32 GB

[Manage storage](#)

Take the Privacy Check-Up

This step-by-step guide helps you choose the privacy settings that are right for you

[Get started](#)

Only you can see your settings. You might also want to review your settings for Maps, Search or whatever Google service that you use the most. Google keeps your data private, safe and secure. [Find out more](#)



Account access can also be given to 3rd party apps

- Home
- Personal info
- Data & personalisation
- Security**
- People & sharing
- Payments & subscriptions
- Help
- Send feedback

Security

Settings and recommendations to help you keep your account secure

We keep your account protected

The Security Check-up gives you personalised recommendations to secure your account



[Get started](#)

Signing in to Google



Password

Last changed 16 Apr 2015



2-Step Verification

☒ On



App passwords

None



Ways that we can verify that it's you

These can be used to make sure that it's really you signing in or to contact you if there's suspicious activity in your account



Account access can also be given to 3rd party apps



Home

Personal info

Data & personalisation

Security

People & sharing

Payments & subscriptions

Help

Send feedback

Recent security events

No activity in the last 28 days. You'll be notified if unusual security activity is detected, such as a sign-in from a new device, or if a sensitive setting is changed in your account.

Your devices

You're currently signed in to your Google Account on these devices

Windows

London, UK

This device



www.fabula.co

United Kingdom - 23 Oct



Nick's iPad

United Kingdom - 23 Oct

[+1 more](#)[Find a lost device](#)[Manage devices](#)

Third-party apps with account access

You gave these sites and apps access to some of your Google Account data, including info that may be sensitive. Remove access for those that you no longer trust or use.



CloudConvert

Has access to Google Drive

[Manage third-party access](#)

Signing in to other sites



Signing in with Google

You use your Google Account to sign in to 1 site or app

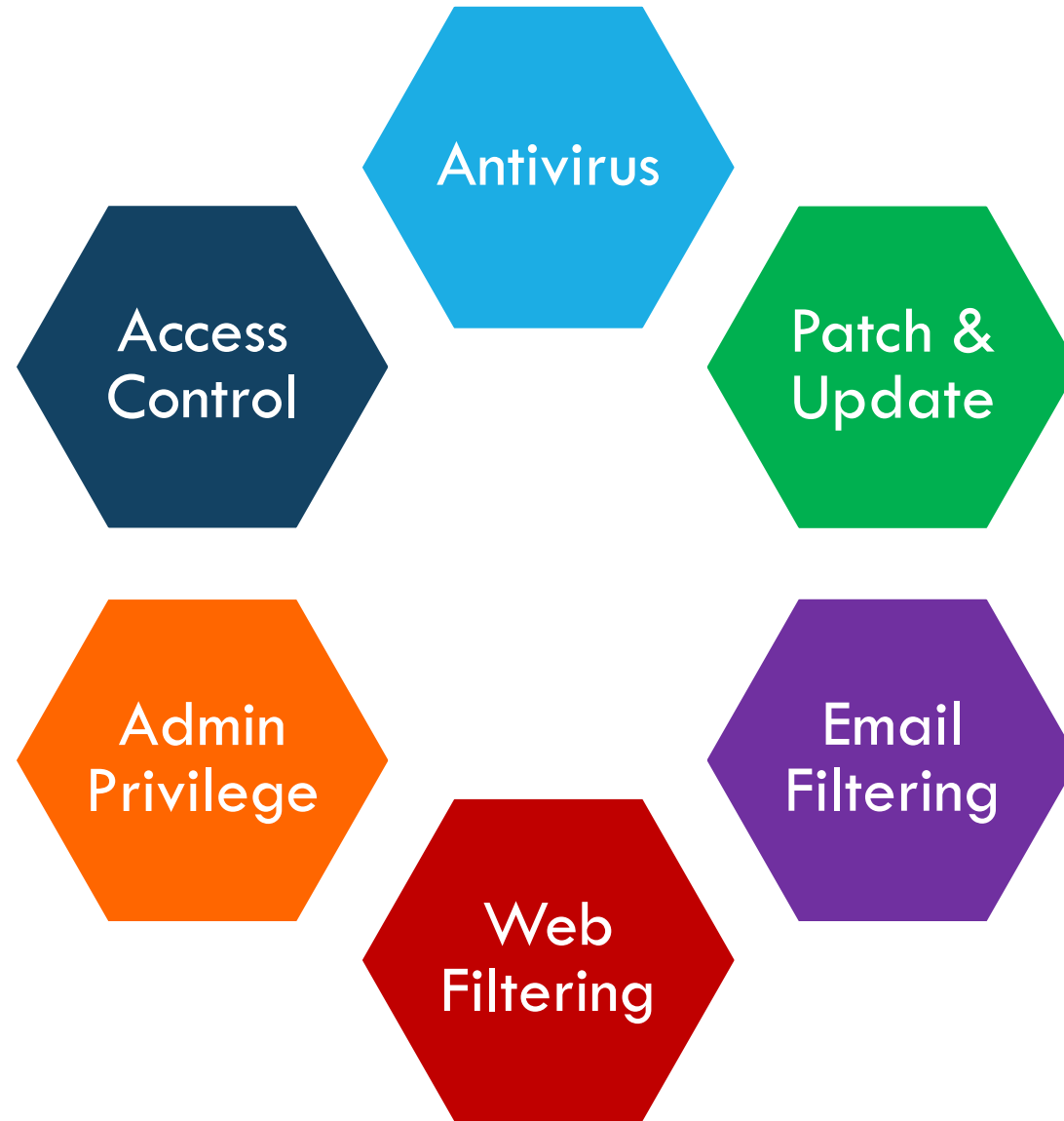


Account access can also be given to 3rd party apps

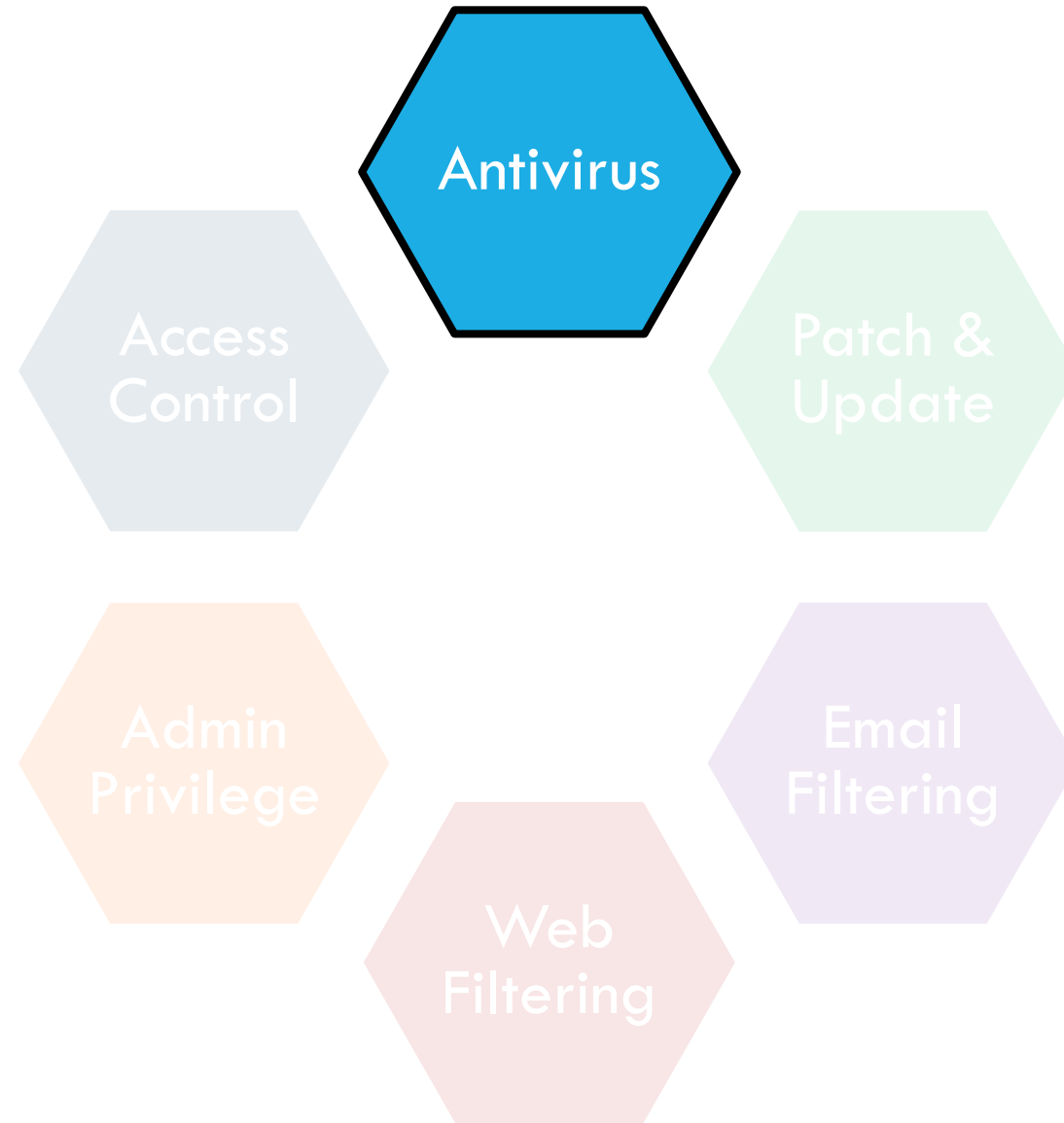


MINIMISING YOUR CYBER PROFILE





6 steps to minimise your cyber profile



6 steps to minimise your cyber profile

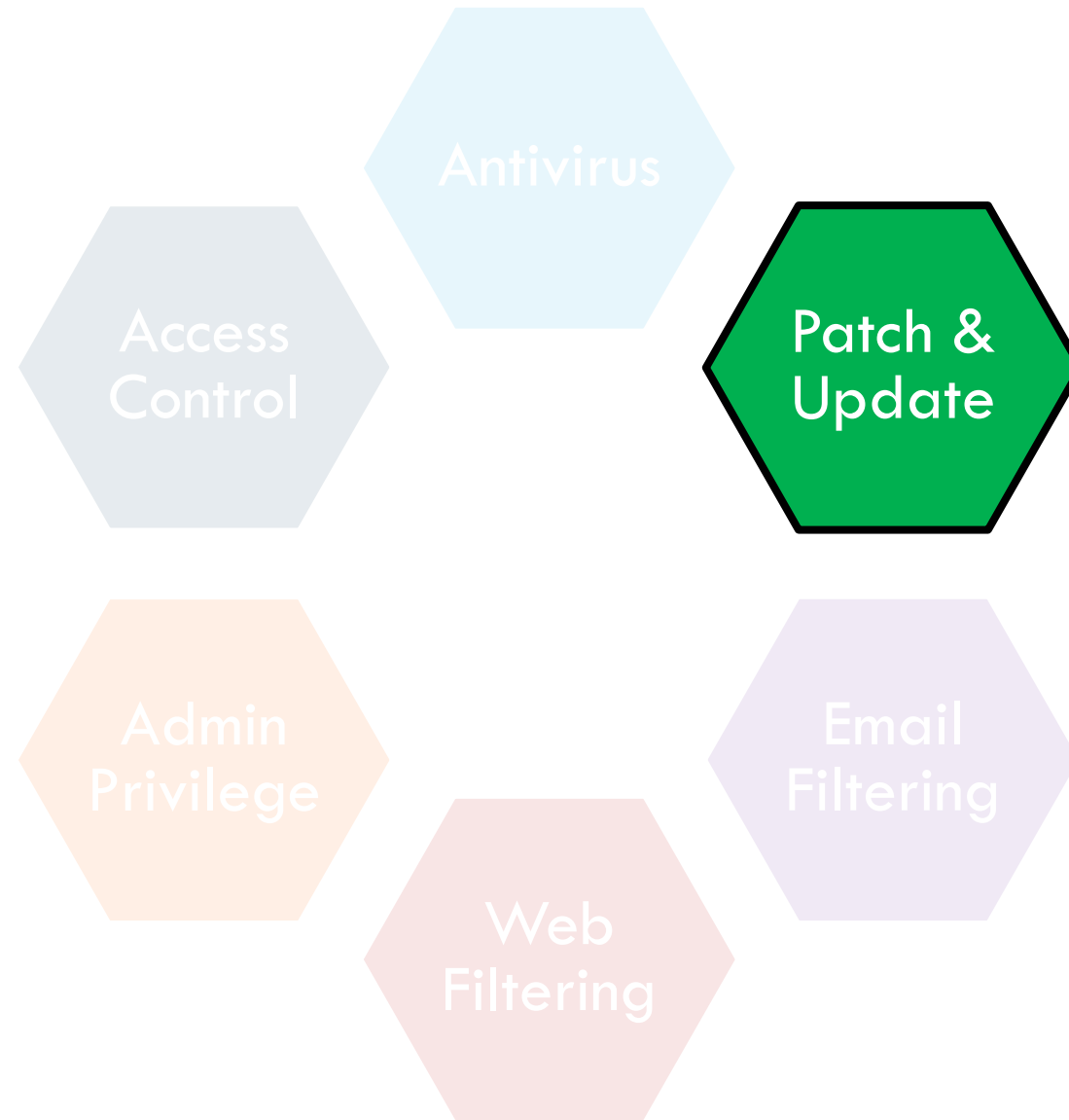
If you're running Windows 10, Windows 8.1, or Windows 8, you've already got Windows Defender built in, helping to protect you against viruses, spyware, and other malware.

<https://support.microsoft.com/en-us/help/18900/consumer-antivirus-software-providers-for-windows>

Features and requirements to consider when choosing a premium antivirus solution

Price	Blocks Zero-Day Threats	Network Intrusion Detection
Performance	OS (Mac/Linux/iOS/Android)	Root Cause Analysis
Usability / Manageability	Application Whitelisting	VPN
Reputation	Anti-Ransomware	Sandboxing
Customer Support	Advanced Firewall	Award Winning
Cloud-based Management	Use of AI & Machine Learning	ID theft protection

Why so many antivirus, if it's built-in to Windows?



6 steps to minimise your cyber profile

40%
infection rate if clicked

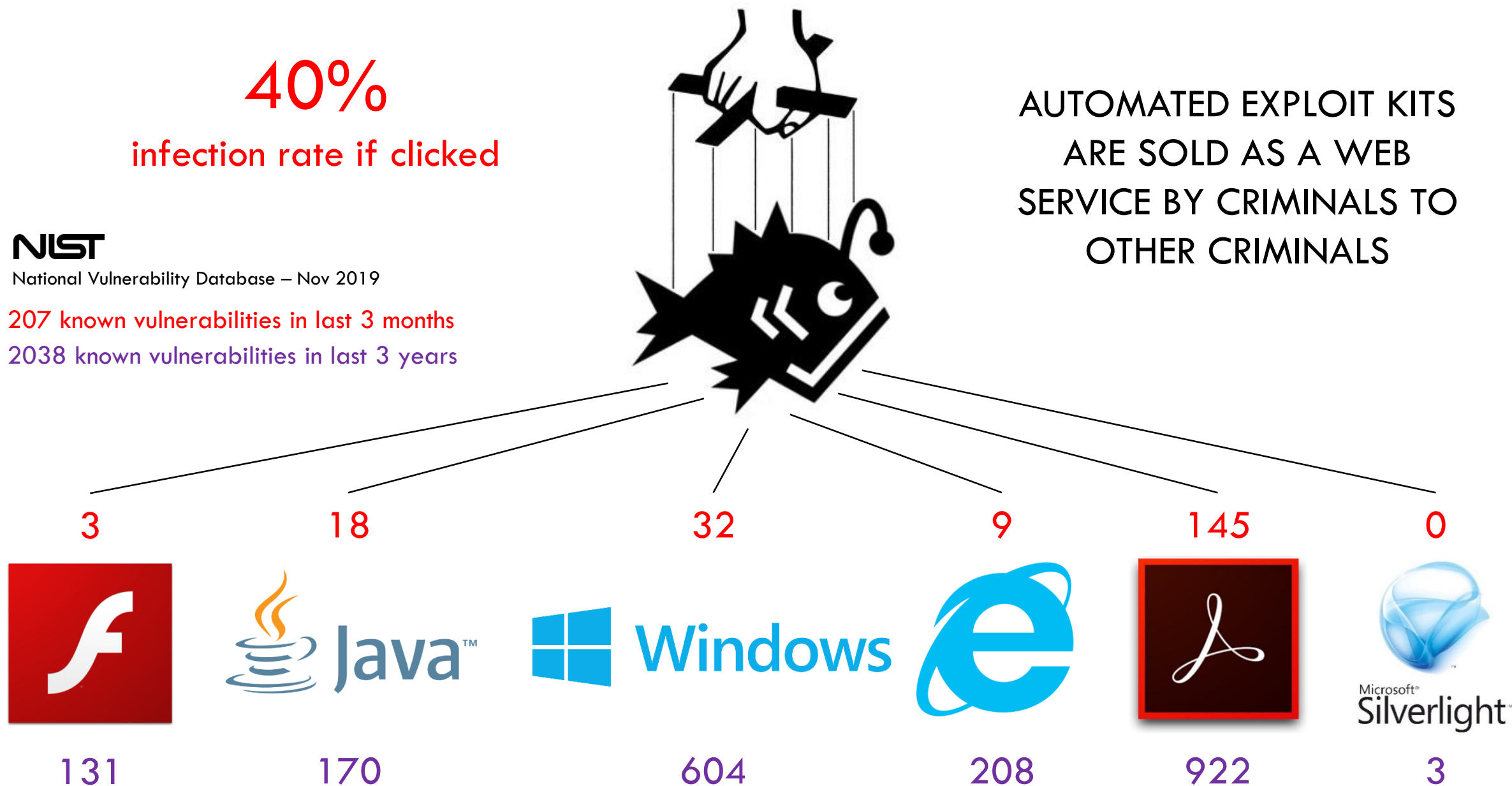
NIST

National Vulnerability Database – Nov 2019

207 known vulnerabilities in last 3 months

2038 known vulnerabilities in last 3 years

AUTOMATED EXPLOIT KITS
ARE SOLD AS A WEB
SERVICE BY CRIMINALS TO
OTHER CRIMINALS



We are still at risk due to software vulnerabilities

PSB1 Portal - F-Secure

Secure | https://emea.psb.f-secure.com

Install software updates

Nick Ioannou

Show: All updates ▾

<input type="checkbox"/> Update ▾	Category ▾	Software ▾	Vendor ▾	CVE ID ▾	Bulletin ID ▾	Installation status
<input type="checkbox"/> Security updates available for Adobe Acrobat and Reader	Critical security	Adobe Acrobat Reader DC 18 Gold	Adobe	CVE-2018-12755	APSB18-21	
<input type="checkbox"/> iTunes 12.8.0.150	Critical security	Apple iTunes 12 x64 Gold	Apple	CVE-2018-4262	AI18-005	
<input type="checkbox"/> Apple Mobile Device Support 11.4.1.46	Unclassified security	Apple Mobile Device Support x64 Gold	Apple		AMDS-021	
<input type="checkbox"/> FileZilla Client 3.34.0	Unclassified security	FileZilla 3 Gold	FileZilla		FILEZ-073	
<input type="checkbox"/> Description of the security update for Office 2013: June 12, 2018	Unclassified security	Microsoft Visio Compatibility Pack Gold	Microsoft		MS18-06-OFF-4018387	
<input type="checkbox"/> Notepad++ 7.5.7	Unclassified security	Notepad++ 7 x64 Gold	Notepad++		NPPP-082	
<input type="checkbox"/> VLC Media Player 3.0.3	Unclassified security	VLC Media Player 3 (x64) Gold	VideoLAN		VLC-303	
<input type="checkbox"/> Wireshark 2.6.1	Unclassified security	Wireshark 2.6 x64 Gold	Wireshark Foundation	CVE-2018-11355	WIRES-078	
<input type="checkbox"/> Security and Quality Rollup updates for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, and 4.7.1 for Windows 7 SP1 and Windows Server 2008 R2 SP1 (KB 4340556)	Non-security	.NET Framework 4.7.2 (x64) Gold	Microsoft	CVE-2018-8284	MS18-07-MRNET-4340556	
<input type="checkbox"/> Java 8 Update 172	Non-security	Java Runtime Environment 8.0 Gold	Sun Microsystems	CVE-2018-2790	JAVA8-172	
<input type="checkbox"/> July 3, 2018, update for Office 2013 (KB4022166)	Non-security	Microsoft Visio Compatibility Pack Gold	Microsoft		MSNS18-07-4022166	
<input type="checkbox"/> Stop error 0xAB when you log off a Windows 7 SP1 or Windows Server 2008 R2 SP1 session	Non-security	Windows 7 Professional (x64) SP1	Microsoft		MSNS18-03-4099467	

Cancel

Install

Remove vulnerabilities by patching your software



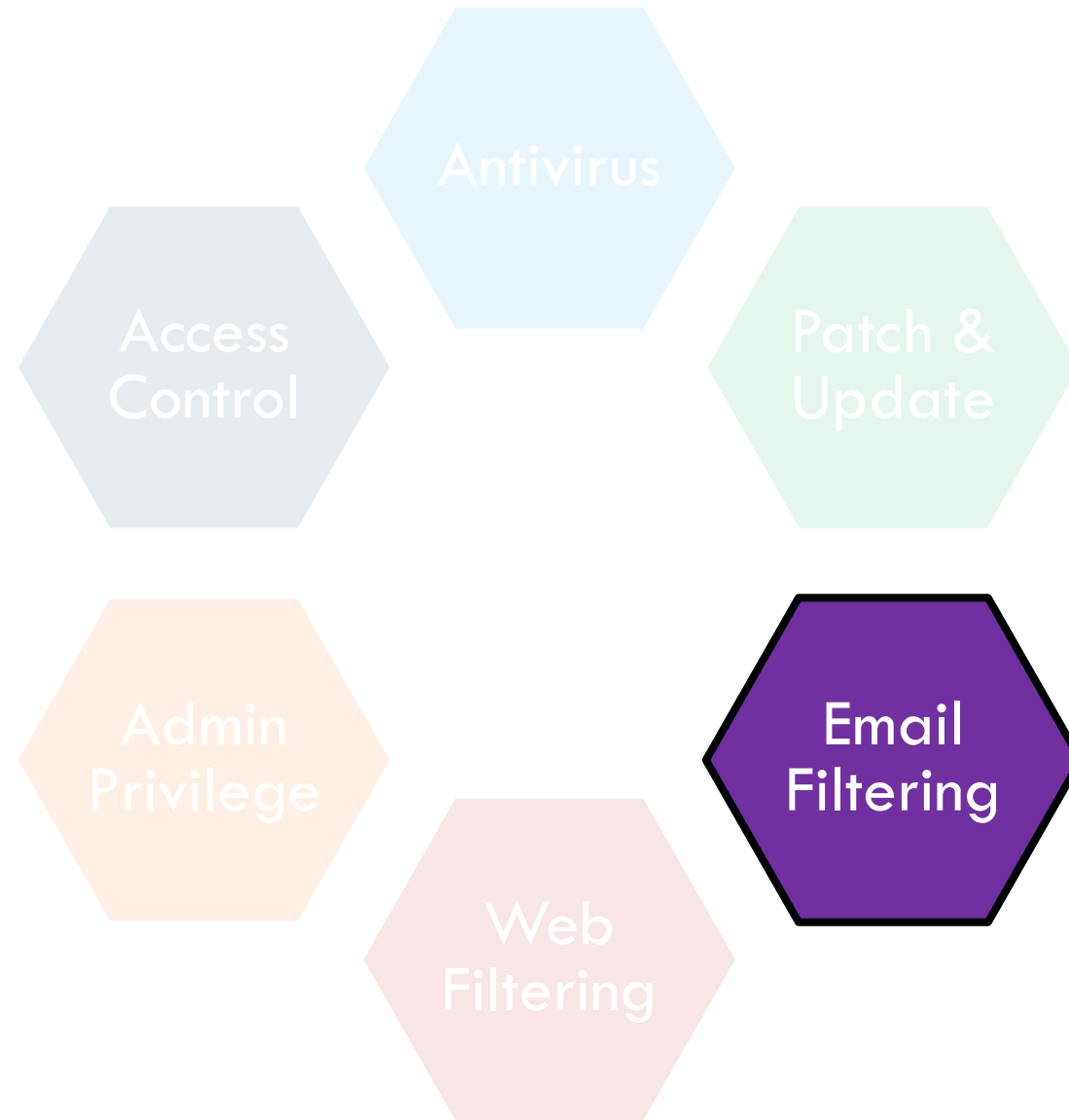
Stop using an old OS and remove unneeded software

Windows 10 version history	Date of availability	End of service
Windows 10, version 1909	November 12, 2019	May 11, 2021
Windows 10, version 1903	May 21, 2019	December 8, 2020
Windows 10, version 1809	October 13, 2018	May 12, 2020
Windows 10, version 1803	April 30, 2018	November 12, 2019
Windows 10, version 1709	October 17, 2017	April 9, 2019
Windows 10, version 1703	April 5, 2017	October 9, 2018
Windows 10, version 1607	August 2, 2016	April 10, 2018
Windows 10, version 1511	November 10, 2015	October 10, 2017
Windows 10, released July 2015 (version 1507)	July 29, 2015	May 9, 2017

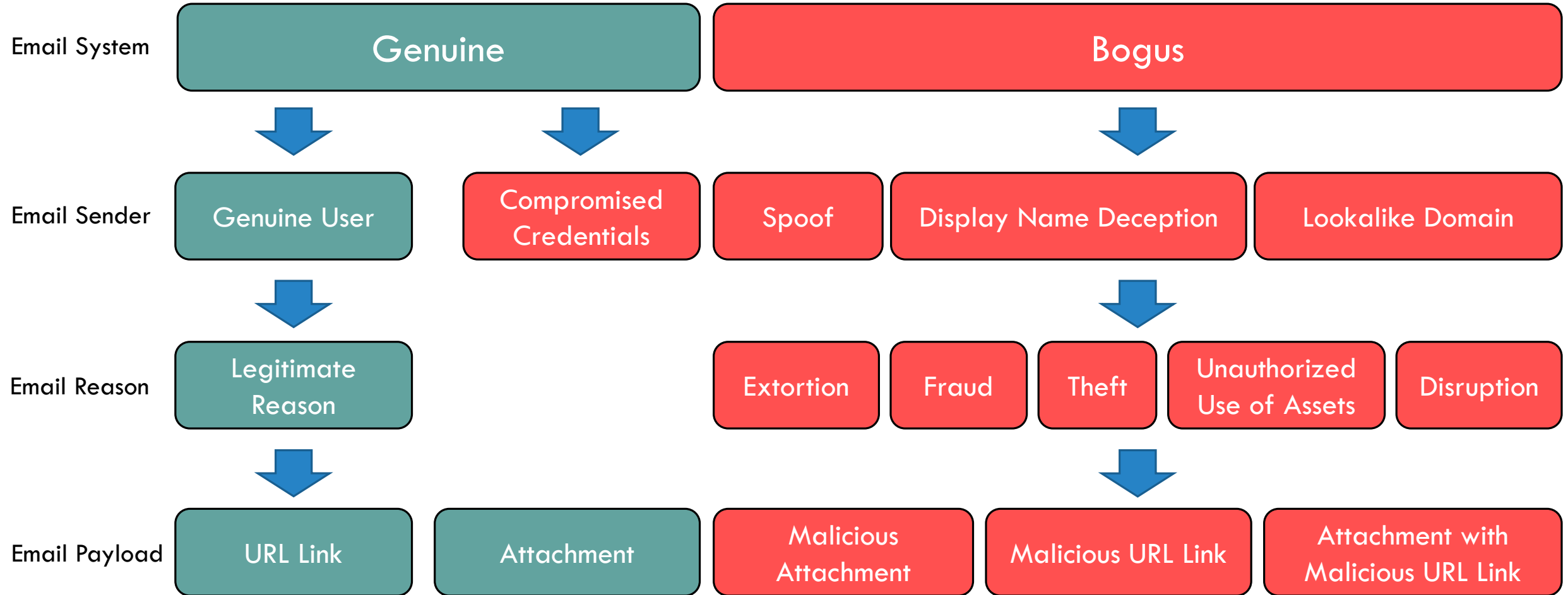
Client operating systems	End of mainstream support	End of extended support
Windows 8.1	January 9, 2018	January 10, 2023
Windows 7, service pack 1	January 13, 2015	January 14, 2020
Windows Vista, service pack 2	April 10, 2012	April 11, 2017
Windows XP, service pack 3	April 14, 2009	April 8, 2014

Windows lifecycle security updates - <https://support.microsoft.com/en-us/help/13853/windows-lifecycle-fact-sheet>

Security updates depend on Windows version



6 steps to minimise your cyber profile



Types of email

Block or quarantine the following file types (unless you are web developers or programmers)

.app	.arj	.bas	.bat	.cgi	.chm	.cmd
.com	.cpl	.dll	.exe	.hta	.inf	.ini
.ins	.iqy	.jar	.js	.jse	.lnk	.mht
.mhtm	.mhtml	.msi	.msh	.msh1	.msh2	.msh1.xml
.msh2.xml	.ocx	.pcd	.pif	.pl	.ps1	.pl
.ps1	.ps1.xml	.ps2	.ps2.xml	.psc1	.psc2	.py
.reg	.scf	.scr	.sct	.sh	.shb	.shs
.url	.vb	.vbe	.vbs	.vbz	.ws	.wsc
.wsf	.wsh					

Quarantine the following macro-enabled office files

.docm	.dotm	.ppam	.potm	.ppsm	.pptm	.sldm
.xlam	.xlsm	.xltm				

Anti-malware policy - Google Chrome

Secure | <https://outlook.office365.com/ecp/Antimalware/EditAntimalwarePolicy.aspx?ActivityCorrelationID...>

Default

general

settings

Common Attachment Types Filter

Turn on this feature to block attachment types that may harm your computer.

☐ Off

☒ On - Emails with attachments of filtered file types will trigger the Malware Detection Response (recommended).

+ -

FILE TYPES

- .ace
- .ani
- .app
- .exe

Notifications

Sender Notifications

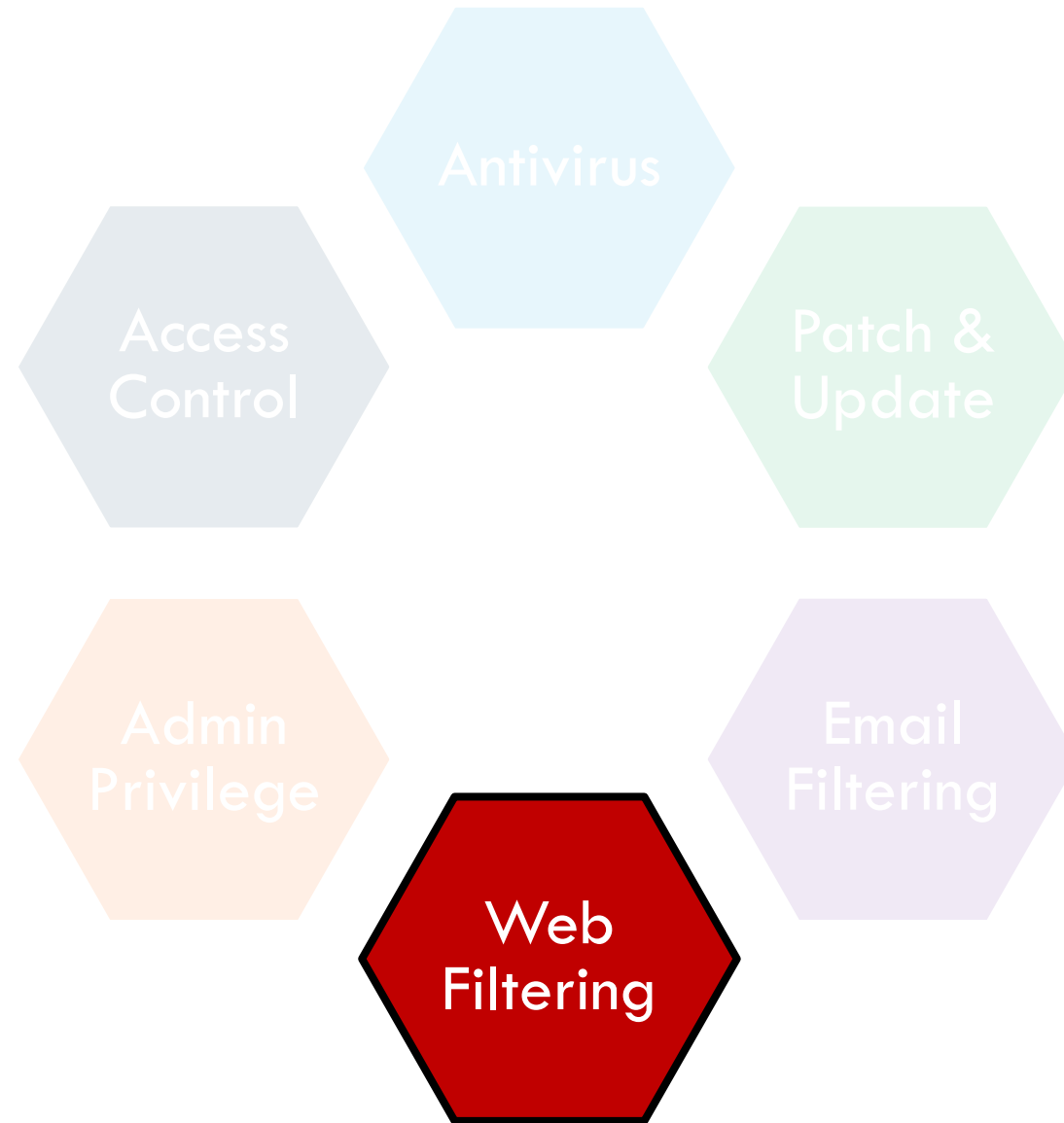
Sends a message to the sender of the undelivered message.

☒ Notify internal senders

☐ Notify external senders

Save Cancel

Block uncommon attachment file types



6 steps to minimise your cyber profile



STEP 1:
SEARCH QUERY
www.example.net



QUAD9.NET DNS SERVER • 9.9.9.9

STEP 2:
CHECK CACHE
✓ and return
result if found

STEP 3:
CHECK THREAT LIST
✗ Match Found:
Return Block Reply

example.net nameserver

199.43.133.53

www

93.184.216.34

STEP 4:
QUERY ROOT/TLD
SERVERS
✓

STEP 5:
QUERY AUTHORITATIVE
SERVER
✓

example.net nameserver

2M

Up to 2M
Daily Average Blocks

18+

Number of Threat
Intelligence Providers

133

Active
Resolver Clusters

360M

Blocked Access to More Than 360M
Malicious Domains

All data as of 10/03/18

Filtering DNS





Freedome



Browsing protection



Tracking protection

Tracker Mapper

Settings

Subscription

Help



F-Secure

F-Secure **FREEDOME**

— Active —
Valid until June 1, 2019

86 MB
TRAFFIC
PROTECTED

PROTECTION
ON

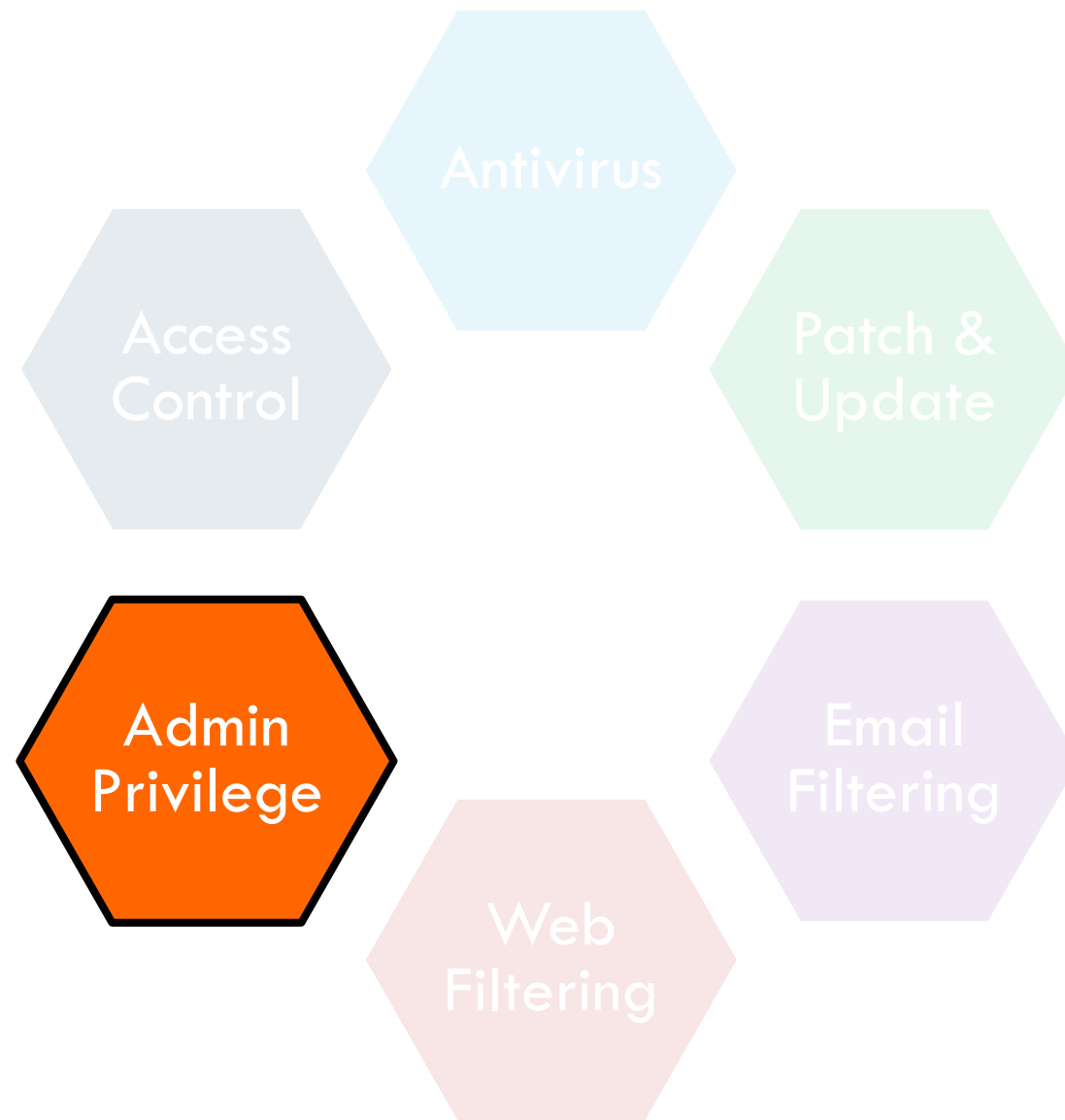
0
HARMFUL
SITES BLOCKED

0
TRACKING
ATTEMPTS
BLOCKED

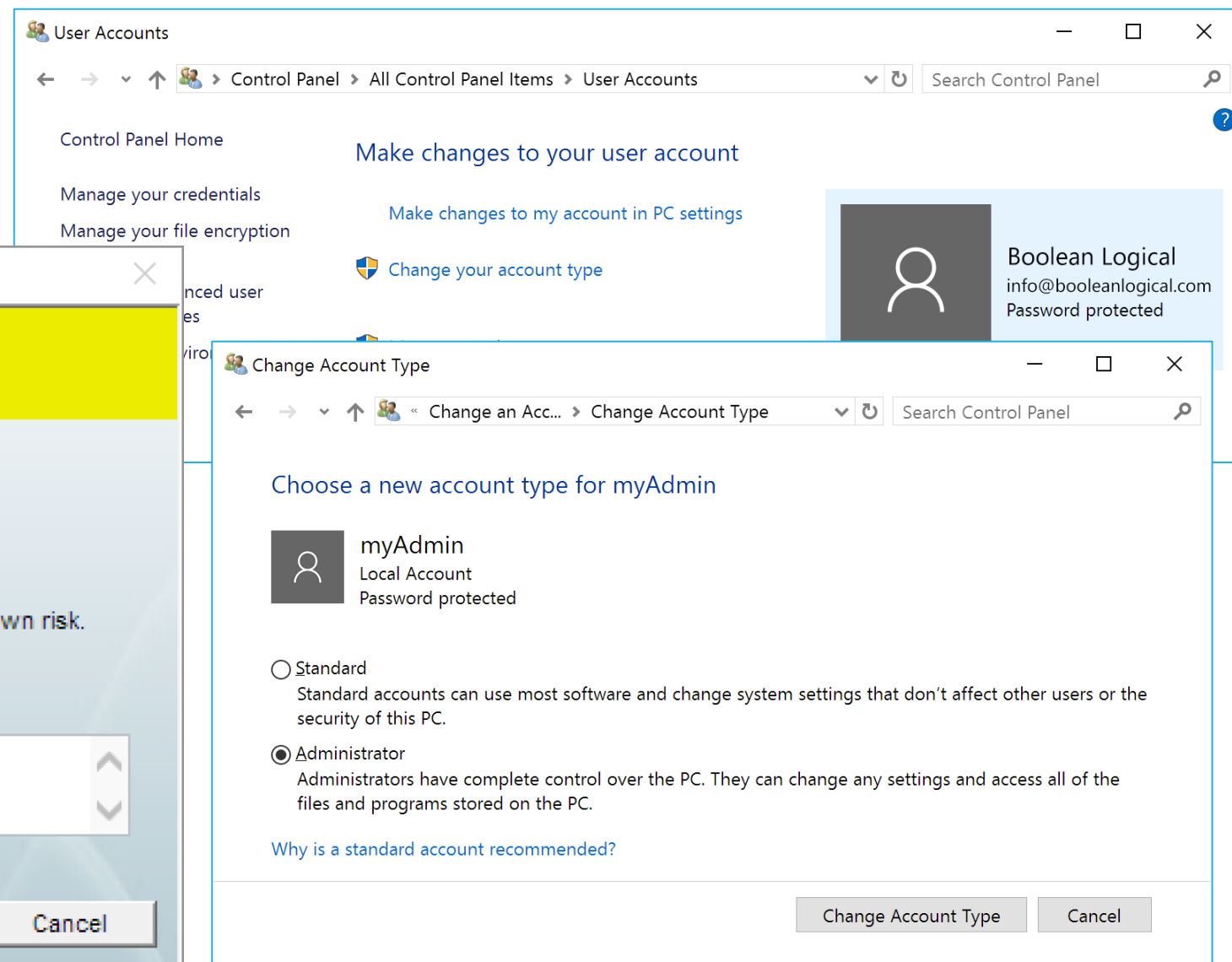
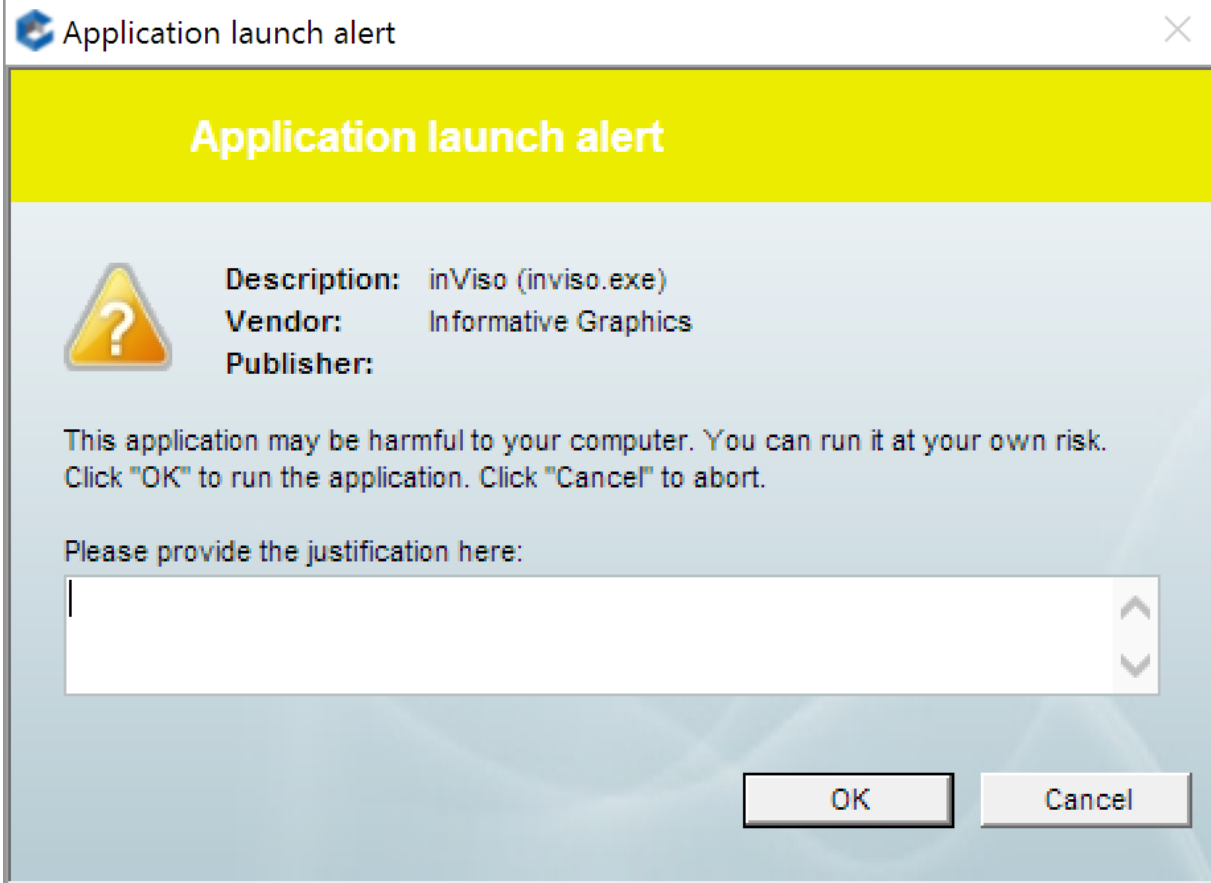
 **Location: London**

Invite friends

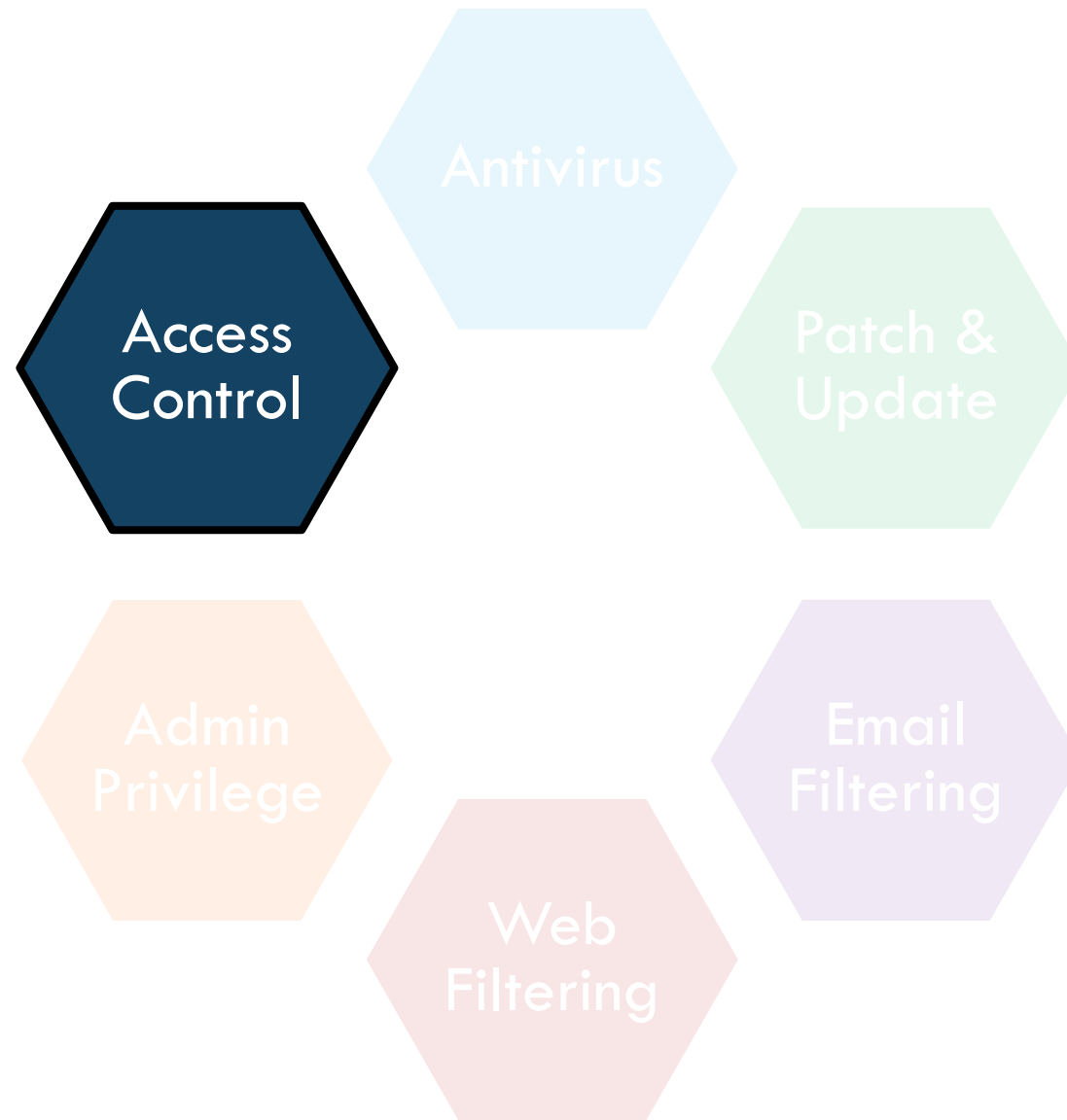
Protect yourself with a VPN (Virtual Private Network)



6 steps to minimise your cyber profile



Admin rights equals a security risk



6 steps to minimise your cyber profile

Top 50 Worst Passwords of 2018

1. 123456	11. princess	21. charlie	31. passwOrd	41. jessica
2. password	12. admin	22. aa123456	32. baseball	42. ginger
3. 123456789	13. welcome	23. donald	33. buster	43. letmein
4. 12345678	14. 666666	24. password1	34. daniel	44. abcdef
5. 12345	15. abc123	25. qwerty123	35. hannah	45. solo
6. 111111	16. football	26. zxcvbnm	36. thomas	46. jordan
7. 1234567	17. 123123	27. 121212	37. summer	47. 55555
8. sunshine	18. monkey	28. bailey	38. george	48. tigger
9. qwerty	19. 654321	29. freedom	39. harley	49. joshua
10. iloveyou	20. !@#\$%^&*	30. shadow	40. 222222	50. pepper

You can see the full list of 100 entries at: <https://www.teamsid.com/100-worst-passwords/>

Access control via passwords

<https://breachlevelindex.com/>

DATA BREACH STATISTICS

DATA RECORDS LOST OR STOLEN SINCE 2013

14,717,618,286

ONLY 4% of breaches were "Secure Breaches" where encryption was used and the stolen data was rendered useless.

DATA RECORDS ARE LOST OR STOLEN AT THE FOLLOWING FREQUENCY



EVERY DAY

5,861,258

Records



EVERY HOUR

244,219

Records



EVERY MINUTE

4,070

Records




EVERY SECOND


68

Records

Check if your email has been part of hack

https://haveibeenpwned.com



[Home](#) [Notify me](#) [Domain search](#) [Who's been pwned](#) [Pastes](#) [API](#) [About](#) [Donate](#) 

';--have i been pwned?

Check if you have an account that has been compromised in a data breach

205

pwned websites

2,573,164,265

pwned accounts

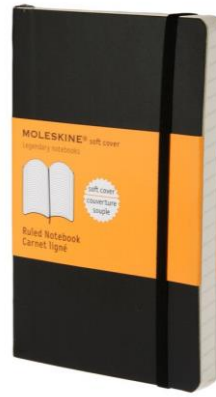
46,449

pastes

42,991,422

paste accounts

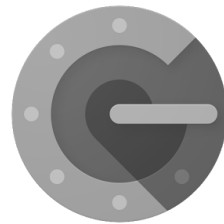
Check if your email has been part of hack



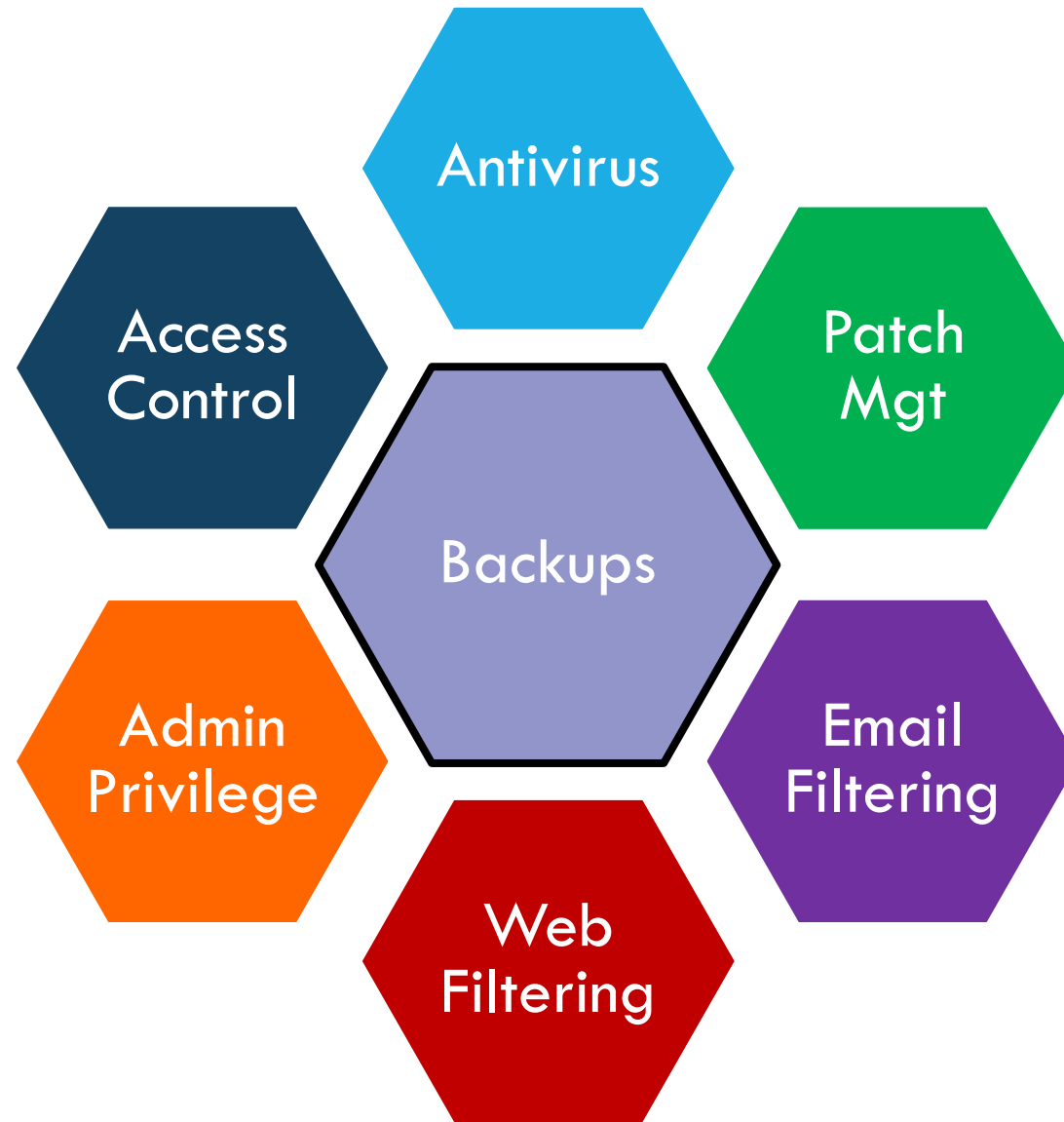
- VS -



LastPass...



How can I remember so many passwords?

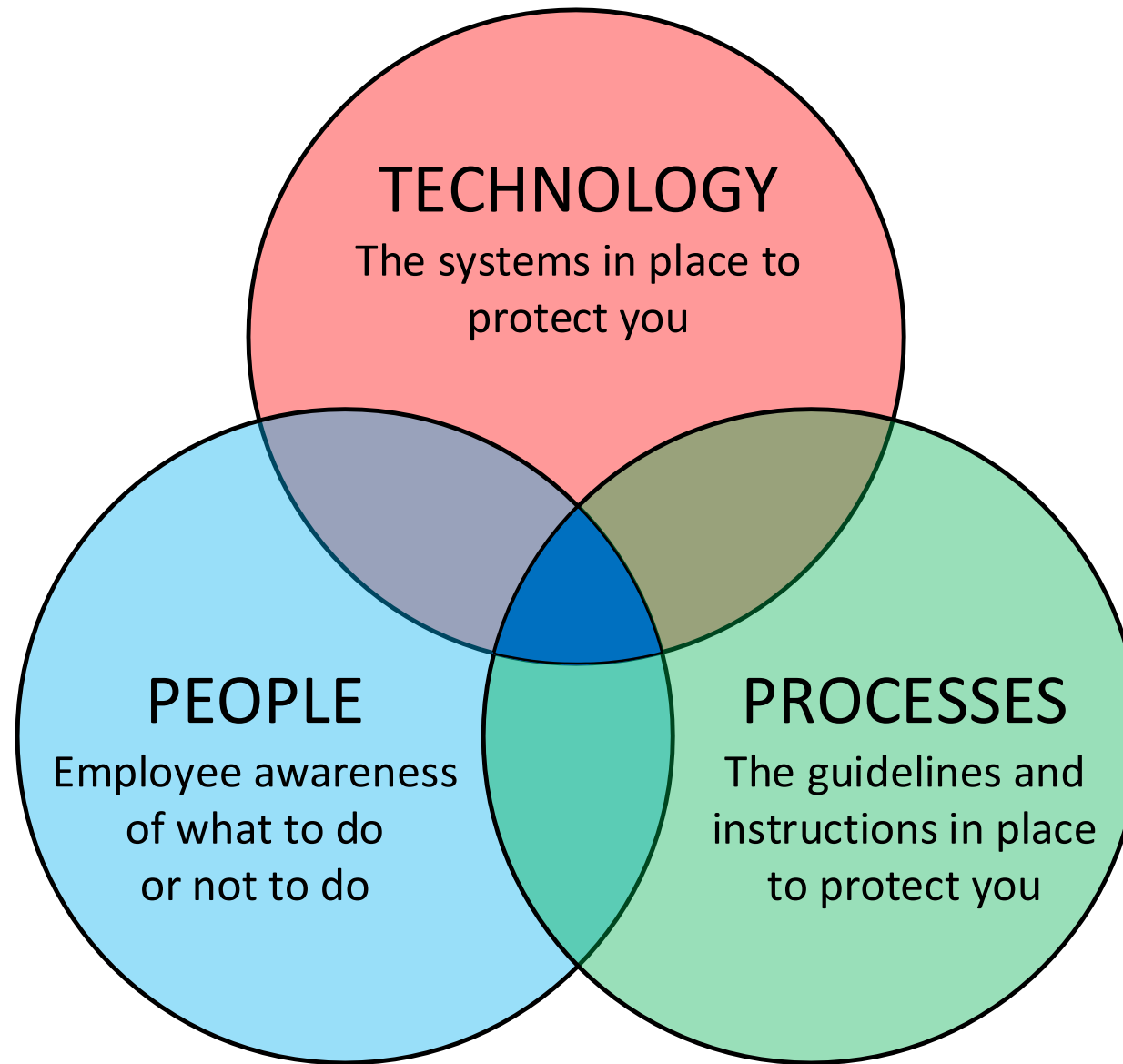


7 areas for true cover



	Daily	Archived Data	System Snapshots
Cloud Backup Service	Yes, speed - medium	Yes, speed - slow	Not recommended
Backup Server	Yes, speed - fast	Yes, speed - fast	Yes, speed - medium
NAS Drive	Yes, speed - fast	Yes, speed - medium	Yes, speed - slow
Portable Drive	Yes, speed - medium	Yes, speed - slow	Yes, speed - very slow
USB Memory Stick	Yes, speed - slow	Yes, speed - very slow	Not recommended

Backups are your best remedy to ransomware



It's not just about the technology

nick's FREE IT resources list

20+ years of IT knowledge condensed into 450+ blog entries of SMB advice and FREE software

[main blog](#)
[learn to code](#)
[cyber security for SMBs](#)

Tuesday, 28 August 2018

FREE Mobile Device Management for Apple Devices

Jamf Now, is a cloud-based Mobile Device Management (MDM) solution for the iPad, iPhone and Mac devices in your workplace. Manage your first three devices for free. Add more starting at just \$2/device/month. See: <https://www.jamf.com/products/jamf-now/>

No comments: [Links to this post](#)

Thursday, 26 July 2018

Fight Back Against Phishing

Phishing is a fraudulent attempt, usually made through email, to steal your personal information. Join the fight against phishing! Submit suspected phishing, track the status of your submissions and verify other users' submissions. PhishTank is a free service operated by Cisco OpenDNS. See: <http://www.phishtank.com>

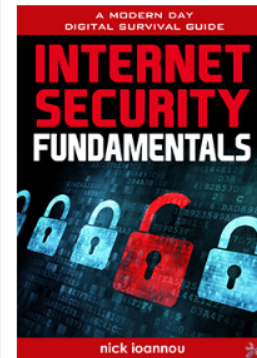
No comments: [Links to this post](#)

Wednesday, 25 July 2018

Read This Before Buying Apple Hardware Products

Apple hardware is expensive, so the last thing you want is 2 months after making your purchase, a new improved model is released. The MacRumors Buyer's Guide offers free advice on which products to buy or avoid, when the item in question was released and whether it is about to be superseded. See: <https://buyersguide.macrumors.com/>

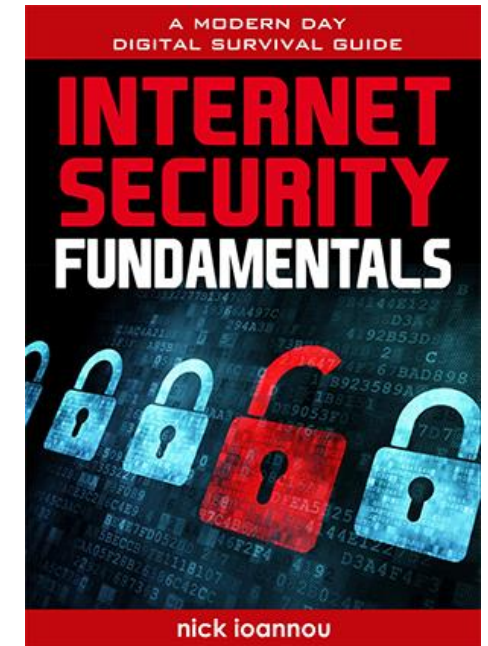
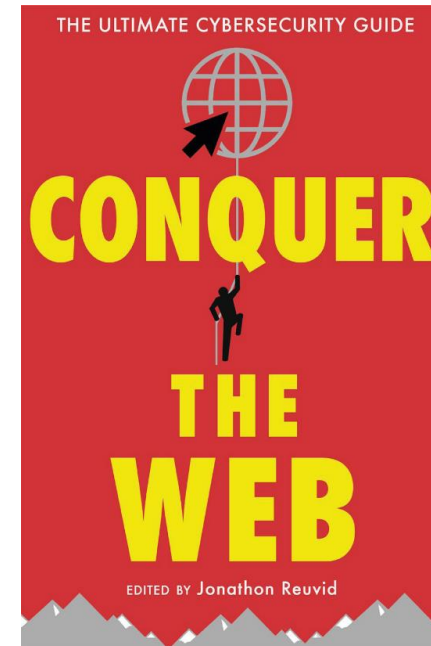
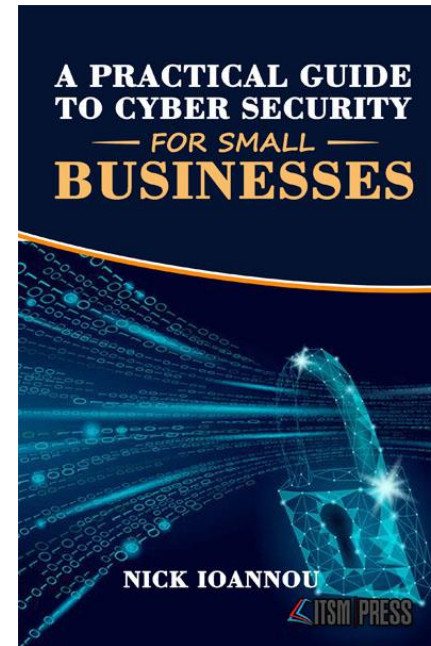
Cyber security in plain English!



Featured post

FREE DNS Security Solution

Quad9 is a free security solution that uses DNS to protect your systems against the most common cyber threats. Quad9 routes your DNS quer...



GDPR Data Classification	WHO	WHY	WHERE	WHEN	HOW	ACCESS	RISKS
Date: Company: Completed by: Data protection impact assessment (DPIA) req?	Who the data is on Staff Clients / customers Consultant Supplier Emergency Contact	Lawful basis for processing Staff administration Client administration Consultant administration Supplier administration Monitoring Marketing activities Profiling	Where we store the data Manual records Local digital records Local file server Private cloud service Public cloud service External hosted service 3rd party company	When we obtained it Staff Appointment Pre-appointment At request At the time First Contact	How we got it Directly from data subject Via marketing activities Given by 3rd party Purchased from 3rd party	Who can access the data Management General Staff Finance HR Suppliers Consultants Contractors	Associated with data Risk to individuals data Risk to individuals rights Risk to individuals interests Automated processing Mitigation steps
WHAT What personal data we hold Personal Details Name Address Email Telephone Fax Date of birth Title / gender Emergency contact Next of kin / relationship Parental consent Anniversary dates Social media accounts Personal interests Personal memberships							

For more security resources and advice see:

www.boolean.co.uk