



**Virtual Technology Conference
2019
November 2**

A Disclaimer Before We Start

Sometimes what comes out of my mouth,
actually makes sense.

**I don't like to think
before i speak. I
like to be just as
surprised as
everyone else
about what comes
out of my mouth.**

Smile It's Good For You



SENIOR ALERT



Here is a sample of such a scam call, 

**When you get such a call, Give No Information - Hang Up.
When in doubt, contact SSA at 1-800-772-1213 (TTY 1-800-325-0778)**

Protecting Your Digital Life



Between ransomware, data breaches, cryptojacking, supply chain attacks, and mobile malware, it's never been more important to protect your digital life.

Protecting Your Digital Life



Some Revealing Statistics

1. Global cybercrime is generating revenues of \$1.5 trillion a year, according to a 2018 study.
2. Cyberattacks take a huge toll on small businesses and the threat is growing.
3. PDFs—which pretty much everybody uses to exchange information are the most commonly targeted file type by insider threats.
4. Software update supply chain attacks which implant malware into an otherwise legitimate software package are growing in both size and impact.

Protecting Your Digital Life

		How Many People Affected	Disclosed
1	Aadhaar Breach	1,000,000,000	January 2018
2	Starwood-Marriot Breach	500,000,000	September 2018
3	Exactis Breach	340,000,000	June 2018
4	Under Armour-MyFitnessPal Breach	150,000,000	February 2018
5	Quora Breach	100,000,000	December 2018
6	MyHeritage Breach	92,000,000	June 2018
7	Facebook Breach	87,000,000	September 2018
8	Elasticsearch Breach	82,000,000	November 2018
9	Newegg Breach	50,000,000	September 2018
10	Panera Breach	37,000,000	April 2018

Top 10 Biggest Data Breaches in 2018

Protecting Your Digital Life

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Payment will be raised on
5/15/2017 16:32:52
Time Left
02:23:59:49

Your files will be lost on
5/19/2017 16:32:52
Time Left
06:23:59:49

[About bitcoin](#)
[How to buy bitcoins?](#)
[Contact Us](#)

What Happened to My Computer?

Your important files are encrypted.
Many of your documents, photos, videos, databases and other files are no longer accessible because they have been encrypted. Maybe you are busy looking for a way to recover your files, but do not waste your time. Nobody can recover your files without our decryption service.

Can I Recover My Files?

Sure. We guarantee that you can recover all your files safely and easily. But you have not so enough time.
You can decrypt some of your files for free. Try now by clicking <Decrypt>.
But if you want to decrypt all your files, you need to pay.
You only have 3 days to submit the payment. After that the price will be doubled.
Also, if you don't pay in 7 days, you won't be able to recover your files forever.
We will have free events for users who are so poor that they couldn't pay in 6 months.

How Do I Pay?

Payment is accepted in Bitcoin only. For more information, click <About bitcoin>.
Please check the current price of Bitcoin and buy some bitcoins. For more information, click <How to buy bitcoins>.
And send the correct amount to the address specified in this window.
After your payment, click <Check Payment>. Best time to check: 9:00am - 11:00am
CMT from Mondays to Fridays

 **bitcoin**
ACCEPTED HERE

Send \$300 worth of bitcoin to this address:
12t9YDPgwueZ9NyMgw519p7AA8isjr6SMw Copy

Check Payment Decrypt

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Protecting Your Digital Life



9/26/2018 A cyberattack on the Port of San Diego suspends public services. San Diego is only one of several municipalities attacked by Ransomware. Be prepared before it happens to you. – **Backup, Backup, Backup**

Protecting Your Digital Life



“You keep telling me to back up my computer. Well, I can’t back it up anymore. It’s all the way back to the wall.”

Protecting Your Digital Life

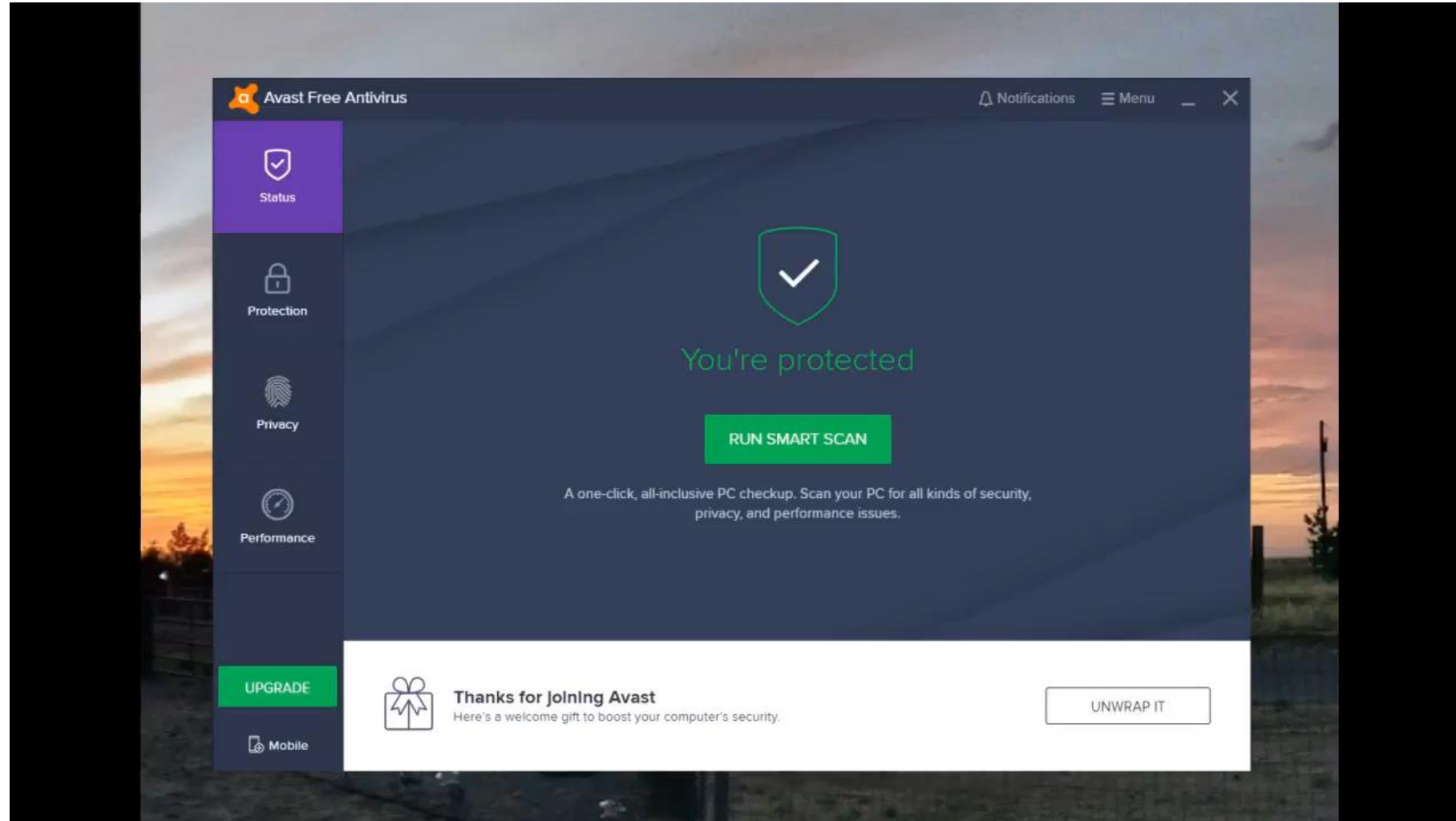
Securing Your Router



1. Change the default admin password for your router and any IoT devices as soon as you get them.
2. Keep your devices up to date with the latest firmware updates.
3. Disable remote management in your router settings page.
4. If you are not certain if your devices have been infected, consider resetting your device to manufacturer's settings and repeat from step 1.

Protecting Your Digital Life

Protecting Your Home Network



Protecting Your Digital Life



"Putting asbestos around your computer
isn't the same as installing a firewall."

**Proper Security Requires a Firewall
and Antivirus/Malware Protection**

Protecting Your Digital Life

What are cookies?



Cookies are text files that contain a variety of information about your browser, web activity, or computer.

They can't infect you with viruses.

As a general rule, cookies are there to make using the Internet as smooth as possible.

But many of them also use trackers that map where you've been and what you've searched for, giving away private information such as your interests and preferences, your symptoms and concerns, or your future plans, from traveling to getting a new job.

The **safest option** is to **disable third-party tracking cookies and, regularly clear cookies**. This will give you a greater level of Internet privacy, while at the same time allowing you to shop and surf as usual.

Protecting Your Digital Life



Criminals Are Replacing Chips on New Debit Cards

The new cards are intercepted in the mail,
the chips get switched out,
and bank accounts are drained before anyone realizes
there's a problem.

Protecting Your Digital Life

**Online shoppers and bankers,
rejoice — Avast Secure Browser is
here**



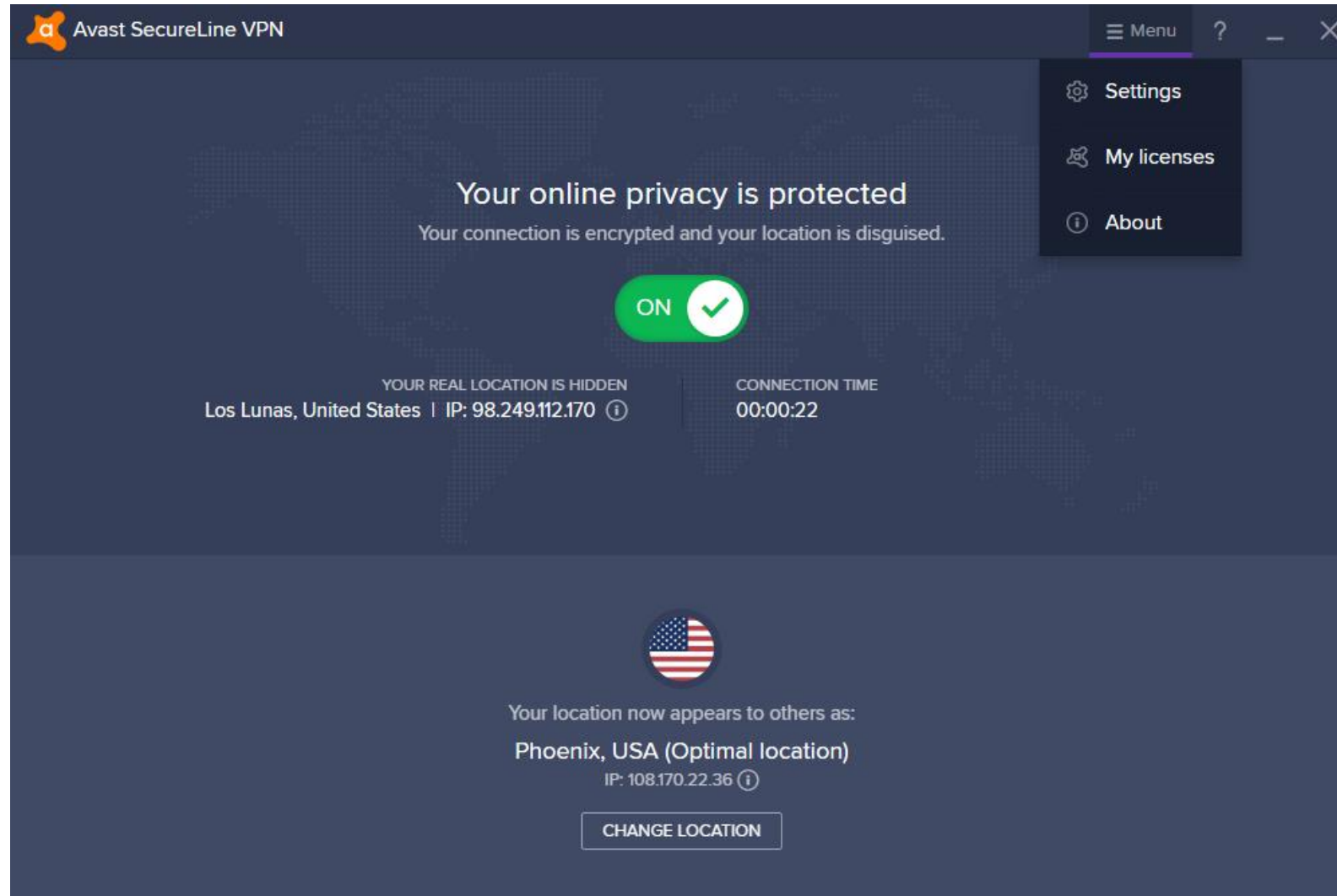


Protecting Your Digital Life



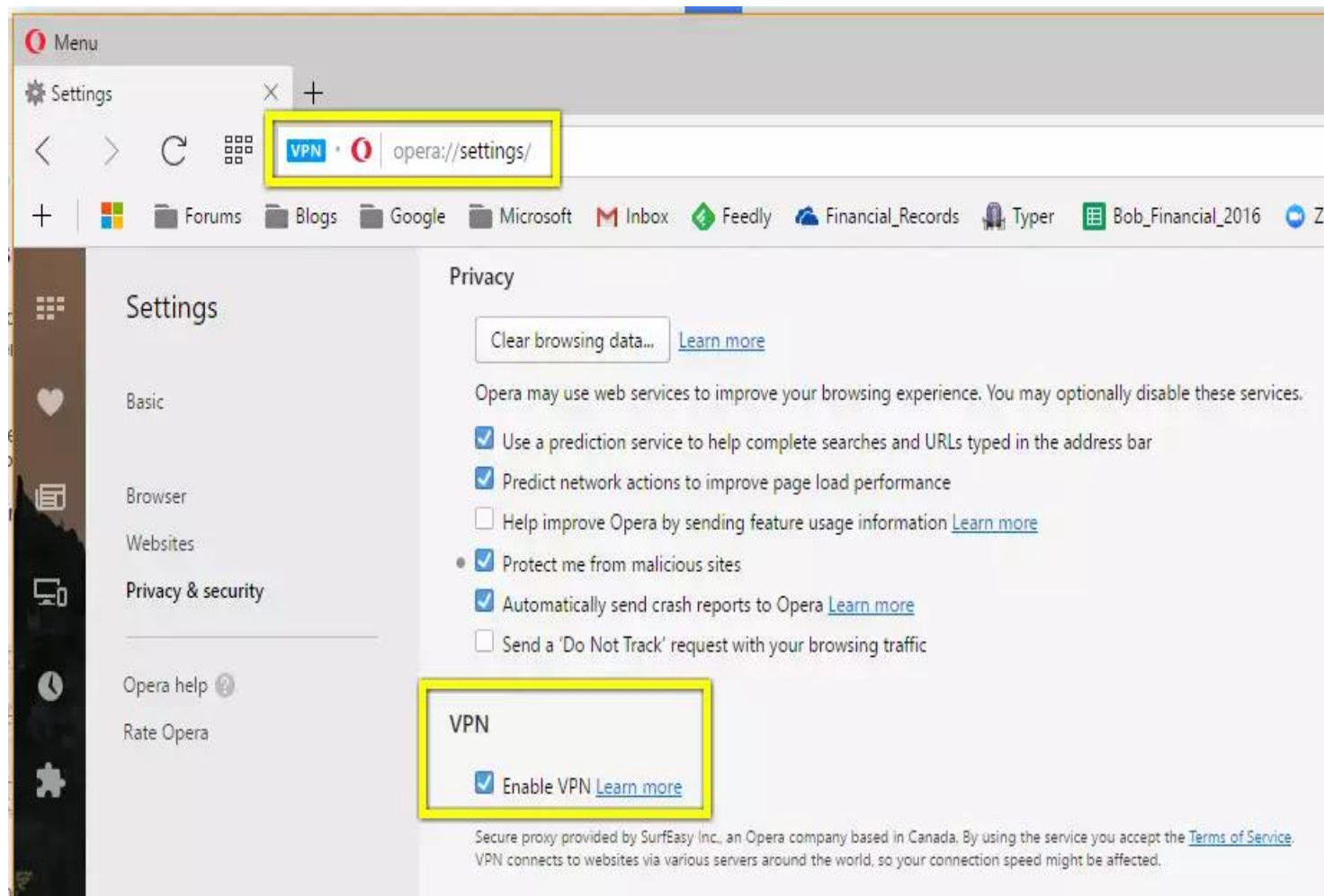
Protecting Your Digital Life

VPN – Give Up a little Speed Gain a Whole Lot of Security



When using **Open WIFI**, Always use a VPN like Avast's **Secure Line**

Protecting Your Digital Life



If you don't use Opera as your default browser, (I currently don't) add it to your arsenal of Layered Protection.

You'll notice that I've changed my settings to have VPN Enabled whenever I launch the browser. Since Opera now offers VPN for free to everyone, it's great whenever you are using Open Wi-Fi.

If you can afford it, using Avast's SecureLine is still your best choice. If you can't, use Opera any time you're using Open Wi-Fi.

Caution — Opera is now owned by a Chinese Consortium.

Protecting Your Digital Life

Data Collection



<https://myactivity.google.com/>

Today

Some activity may not appear yet

Items
32

Android

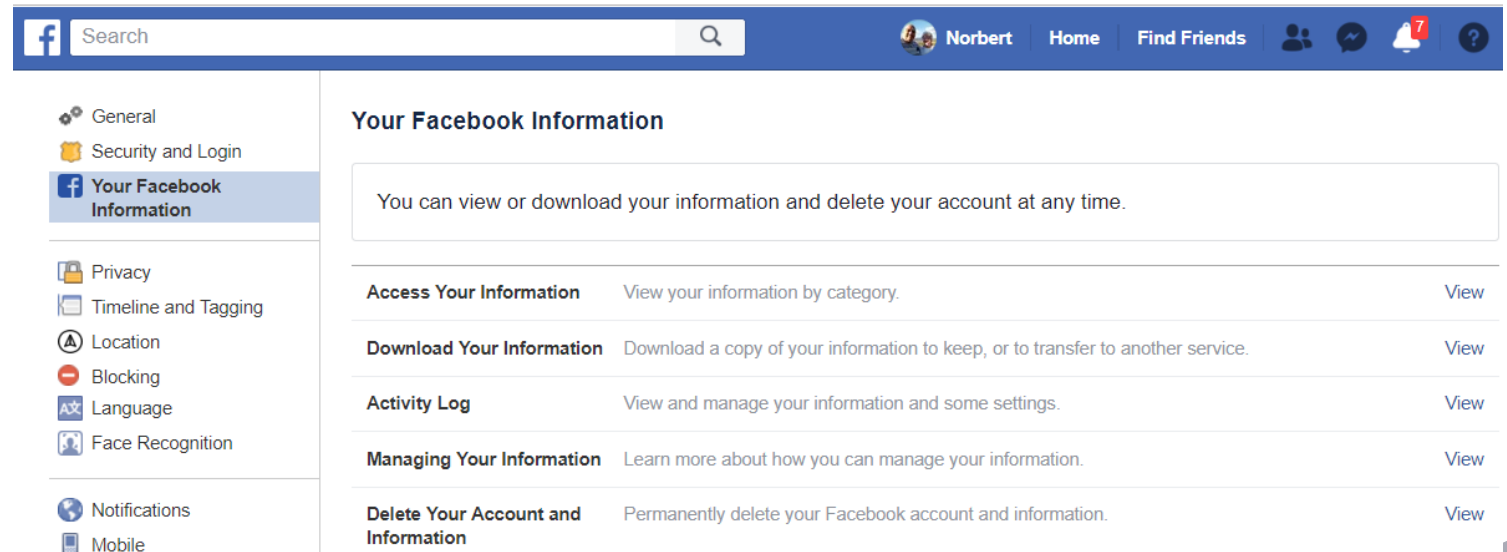
Search

Chrome

Google Apps

Gmail

Google Play Store



The image shows the Facebook 'Your Facebook Information' settings page. On the left is a sidebar menu with options: General, Security and Login, Your Facebook Information (selected), Privacy, Timeline and Tagging, Location, Blocking, Language, Face Recognition, Notifications, and Mobile. The main content area is titled 'Your Facebook Information' and contains a message: 'You can view or download your information and delete your account at any time.' Below this is a table with the following rows:

Access Your Information	View your information by category.	View
Download Your Information	Download a copy of your information to keep, or to transfer to another service.	View
Activity Log	View and manage your information and some settings.	View
Managing Your Information	Learn more about how you can manage your information.	View
Delete Your Account and Information	Permanently delete your Facebook account and information.	View

Apple:

<https://support.apple.com/en-us/HT208502>

Microsoft:

<https://account.microsoft.com/privacy/>

Protecting Your Digital Life



"No, your computer didn't get a virus because you sneezed on it. Let's go over clicking on email attachments again, shall we?"

Protecting Your Digital Life

10 tips to protect yourself against an email hack



1. Use a password manager and two-factor authentication wherever possible
2. If signing up for a new email service, check for 2FA support
3. Don't click links in email or texts
4. Use a VPN on your computer and your phone
5. Don't use public Wi-Fi or public computers, if you can help it
6. Get a strong antivirus
7. Secure your router and Wi-Fi
8. Keep your computer and smartphone OS up-to-date
9. Keep all of your computer and smartphone apps regularly updated
10. Consider putting a credit freeze on your account

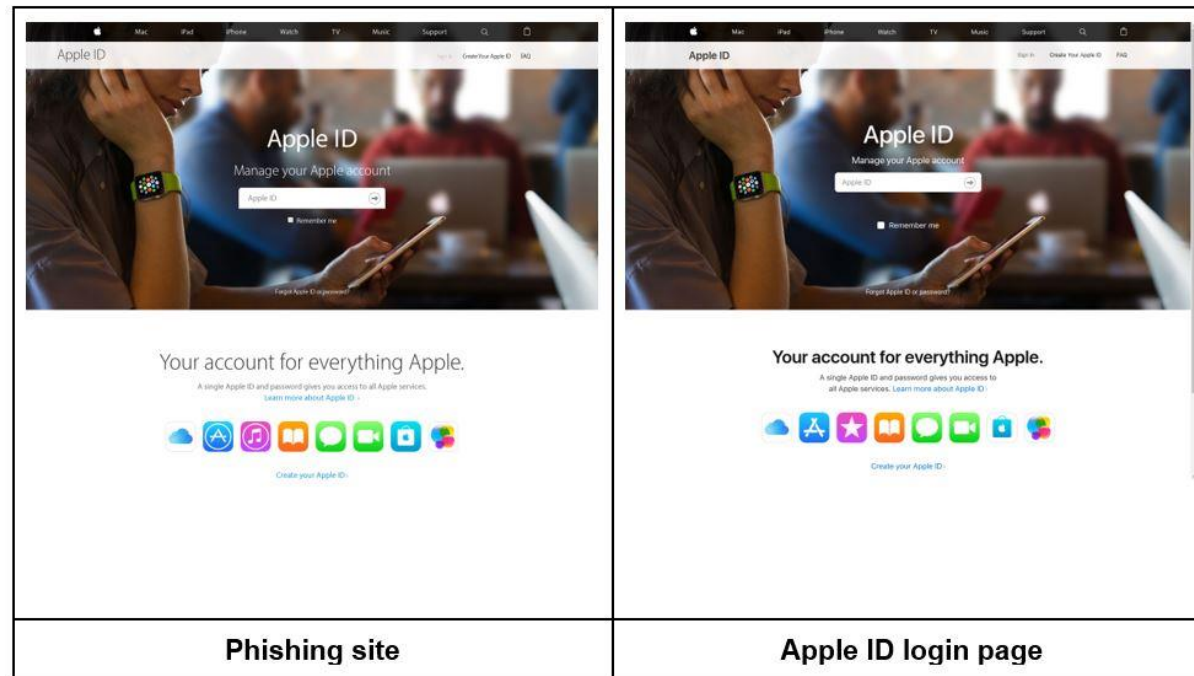
Protecting Your Digital Life

Email Phishing Scam Protection

Avast Quick Tips Episode 3



Protecting Your Digital Life

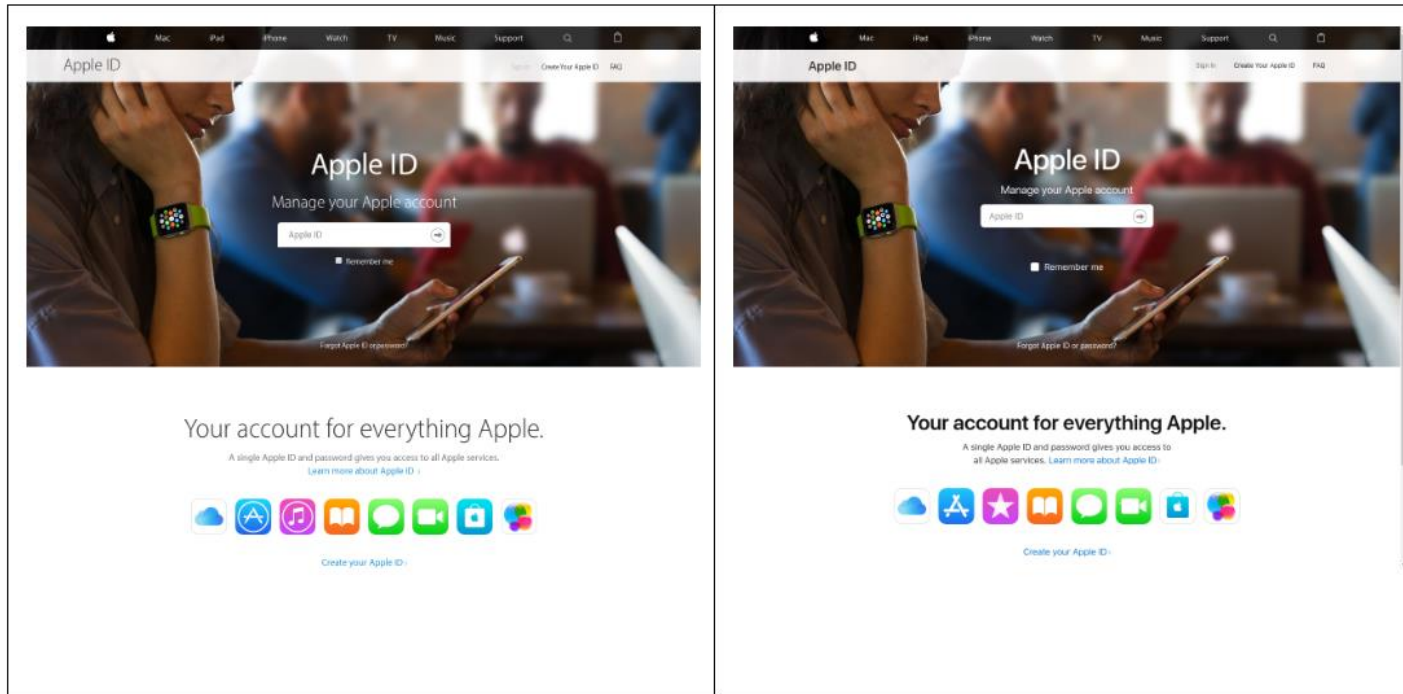


Phishing sites have greatly evolved over the years to become convincing counterfeits. Some even use HTTPS, giving users a false sense of security.

Phishing is a long-standing social engineering technique used by cybercriminals to trick people into giving up sensitive information such as credit card details and login credentials. It can come in many forms, including telephone phishing, smishing (SMS phishing), phishing emails, and phishing websites.

Protecting Your Digital Life

Advanced anti-phishing technology



With machine learning and image recognition, bad sites are identified faster and users are alerted sooner. No more landing on malicious sites that often attempt to steal your credentials.

Protecting Your Digital Life
Protecting You Credit

Where to go to freeze your credit

Equifax: (800) 685-1111 <https://www.freeze.equifax.com/>

Experian: (888) 397-3742 <https://www.experian.com/ncaconline/freeze>

TransUnion: (888) 909-8872 <https://freeze.transunion.com/>

**Their phone prompts move quickly,
so have your credit card information readily available.
A PIN # They assign to you is needed to Un-Freeze Credit**

Protecting Your Digital Life



Once Installed,
This helps you
Recover
A stolen Laptop or
Smart Device

Download for  macOS

PREY-MAC-1.7.2-X64.PKG

Download for  iOS

APP STORE

Download for  Windows

PREY-WINDOWS-1.7.2-X86.EXE

Windows x64 — [prey-windows-1.7.2-x64.exe](#)

Download for  Android

GOOGLE PLAY

Download for  Linux

PREY-LINUX-1.7.2-X86.ZIP

Linux x64 — [prey-linux-1.7.2-x64.zip](#)

Download for  Ubuntu

PREY_1.7.2_I386.DEB

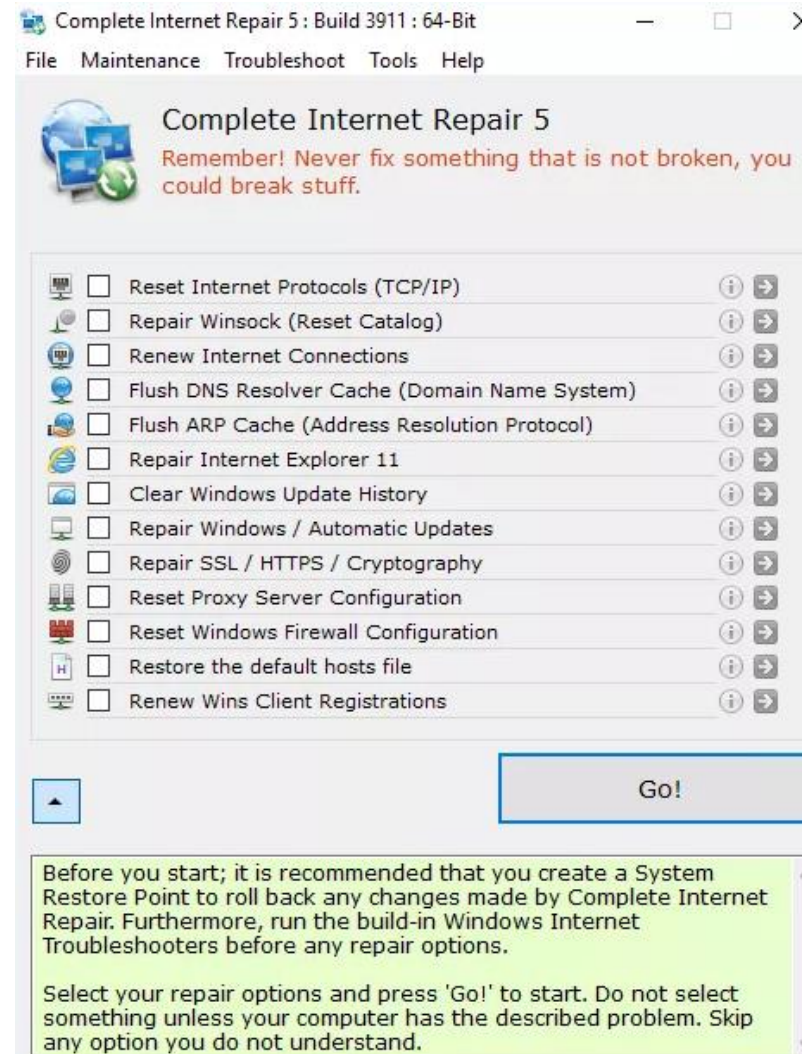
Ubuntu x64 — [prey_1.7.2_amd64.deb](#)

<https://www.preyproject.com/download>

Protecting Your Digital Life

A Tool to Fix Your Internet Access Problems

<https://www.rizonesoft.com/downloads/complete-internet-repair/>



Protecting Your Digital Life

**Making Sure Your
Hardware
is Updated,
Ensures a Safer Home
Environment.**



*"It must've been a while since I've
installed updates on the computer.
Because the time remaining is 6 years,
4 months, 22 hours, and 17 minutes."*

**Making Sure Your
Software
Is Updated
Ensures a Securer Digital
Environment**

UPDATE - UPDATE - UPDATE

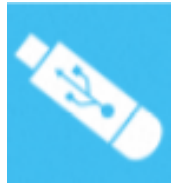
Computer, Router, Drivers, Operating System, Programs, Apps

Layered Protection

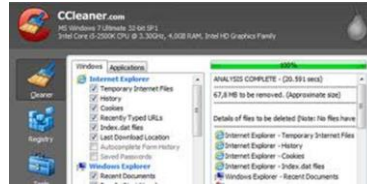
Using Multiple Programs/Apps/Tools To Keep You Safe



Unchecky



McShield



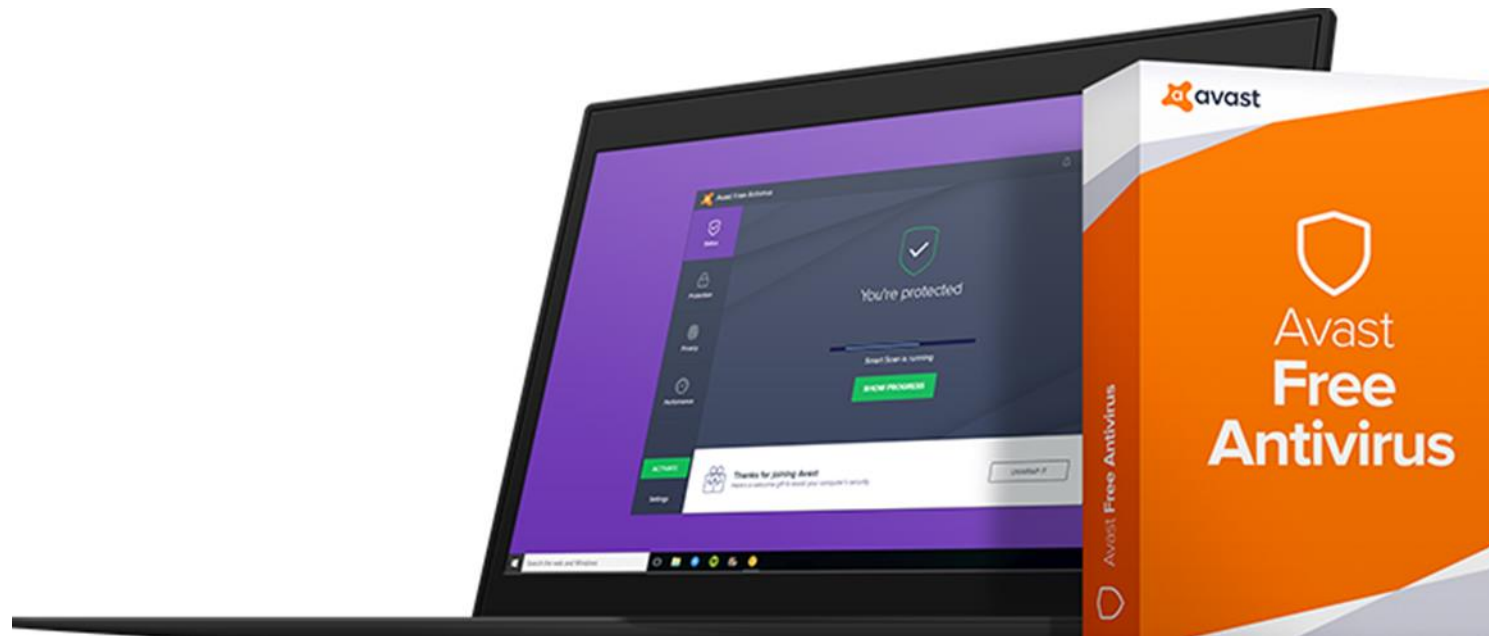
Ccleaner



Malwarebytes



Avast Mobile Security



Layered Protection

Introducing Unchecky!

Keeps your checkboxes clear.



Unchecks

Unchecky automatically unchecks unrelated offers, both saving you mouse clicks and making it less likely to miss a checkbox of an unwanted offer.



Warns

Installers often try to sneak additional programs as a natural part of the installation. Unchecky warns you when you try to accept a potentially unwanted offer, which makes it less likely to be accepted accidentally.



Updates automatically

Install and forget. Unchecky automatically updates whenever a new version is available, so you don't have to worry about running the latest version.

Layered Protection



Program Features

★ Benefits of Using MCShield ★



Drive Detection

Reliable detection of new drives

MCShield's detection of newly connected drives enables early reaction on possible malware nested on the arriving removable drives.



Intelligent Scanning

Heuristics & signatures

Ultra fast scanning of root and certain special folders on the hard drives and adaptive scanning of removable drives to effectively tackle infections.



Dual Removal Mode

Automatic & Interactive modes

Advanced automatic removal mode for easy cleanup & remediation with optional Interactive mode for users who desire more control over the process.

Layered Protection



Cleans the following:

Internet Explorer

Temporary files, history, cookies, super cookies, Autocomplete form history, index.dat files.

Firefox

Temporary files, history, cookies, super cookies, download history, form history.

Google Chrome

Temporary files, history, cookies, super cookies, download history, form history.

Opera

Temporary files, history, cookies, super cookies, download history.

Safari

Temporary files, history, cookies, super cookies, form history.

Other Supported Browsers

K-Meleon, Rockmelt, Flock, Google Chrome Canary, Chromium, SeaMonkey, Chrome Plus, SRWare Iron, Pale Moon, Phoenix, Netscape Navigator, Avant and Maxthon.

Windows

Recycle Bin, Recent Documents, Temporary files, Log files, Clipboard, DNS Cache, Error Reporting, Memory Dumps, Jump Lists.

Registry Cleaner

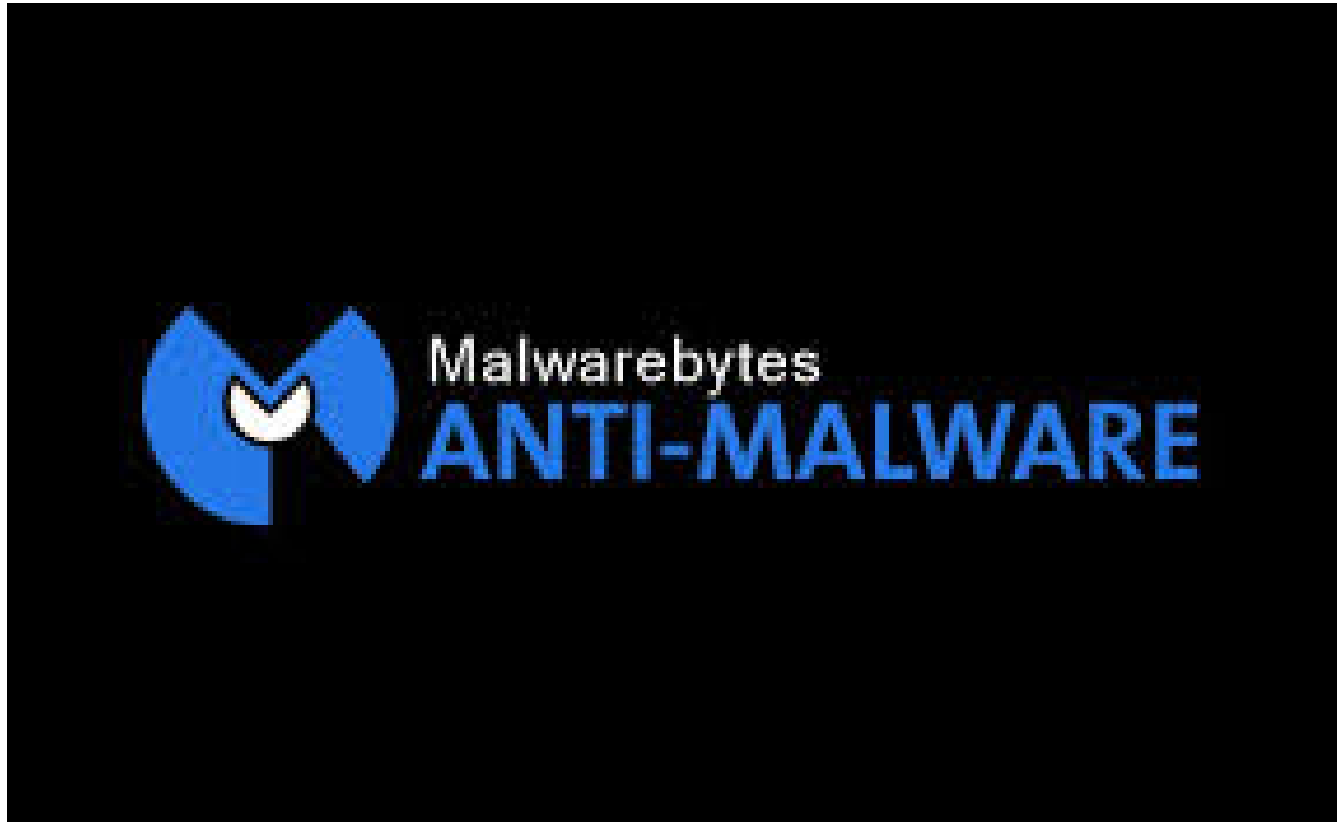
Advanced features to remove unused and old entries, including File Extensions, ActiveX Controls, ClassIDs, ProgIDs, Uninstallers, Shared DLLs, Fonts, Help Files, Application Paths, Icons, Invalid Shortcuts and more...

Third-party applications

Removes temp files and recent file lists (MRUs) from many apps including Windows Media Player, eMule, Google Toolbar, Microsoft Office, Nero, Adobe Acrobat, WinRAR, WinAce, WinZip and many more...

Piriform is now part of the Avast Software Family

Layered Protection



Advanced Malware Detection and Removal of Viruses, Worms, Trojans, Rootkits, Dialers and Spyware



Industry Proven Clean-up Technologies Eradicate Existing Malware Infections



Rapid Response Malware Database and Heuristics Updates

Protection for you, anywhere, on any device



Malwarebytes
for Windows



Malwarebytes
for Mac



Malwarebytes
for Chromebook

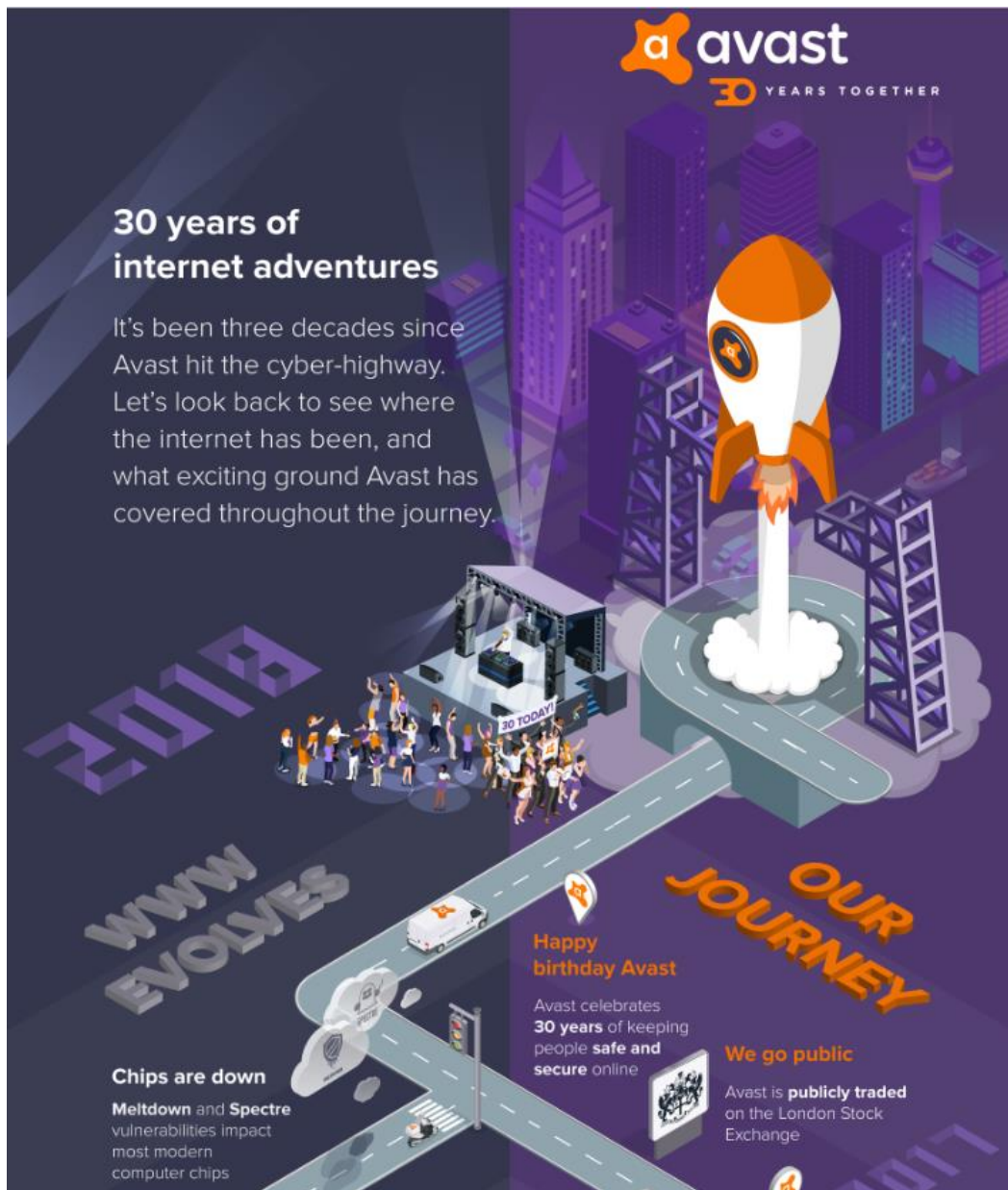


Malwarebytes
for Android



Malwarebytes
for iOS

Layered Protection



**I've used Avast FREE
Since 2003
Light on System Resources
Excellent Protection
Streaming Updates
Avast has made
“A vast” difference
On my Computers.
Avast can do the same
For Your Systems.**

Avast Antivirus - Faster, Smarter, Artificial Intelligence



Protecting Your Digital Life



“Yes, your late Bernard is present. Are you sure you don’t have a more important question than, what’s the Wi-Fi password at home?”

Another Great Reason to Start Using Avast Passwords

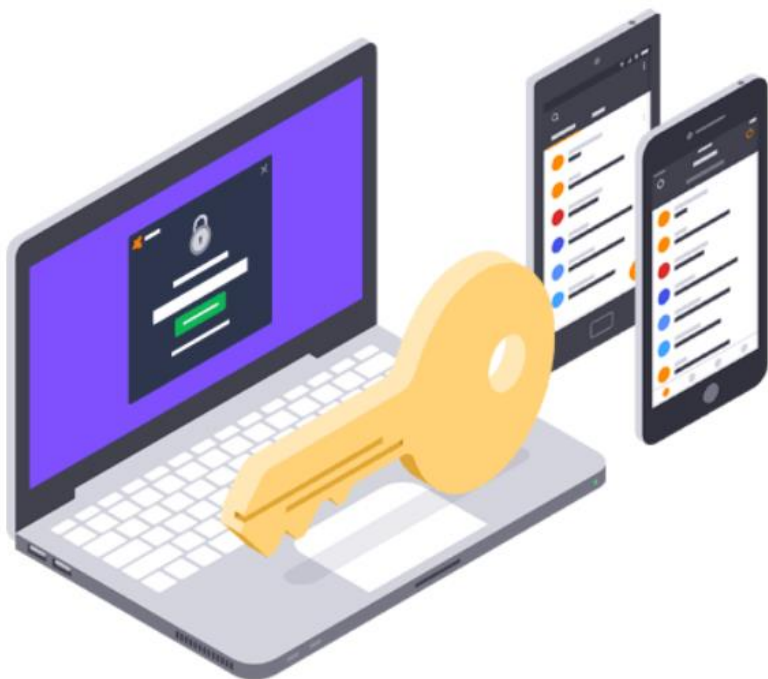
Most Used Passwords



1	123456
2	123456789
3	qwerty
4	111111
5	password
6	12345678
7	abc123
8	1234567
9	password1
10	123123

Protecting Your Digital Life

One password to rule them all



Here's what the **Avast** password manager does



Generates strong passwords

Our random password generator instantly generates an unbeatable password for any account.



Imports passwords from your browser

Passwords are easy pickings when stored in a browser; remove them with just one click.



Synchronizes passwords across devices

Make sure your PC, tablet, and mobile are all secured effortlessly, with the best free password manager.



Auto-capture your passwords

Every time you create a new password, it's automatically stored in your password manager.



Auto-fill forms quickly and easily

Avast's free password manager conveniently auto-fills your login info to save you time.



Makes the most of our encrypted space

Keep your important or sensitive notes and texts private.

Protecting Your Digital Life



Avast Mobile Security

Your phone needs protection too.

INSTALL FREE



Detection of the latest Android malware in real-time

3,436 samples used



94.8%

Detection of the latest Android malware discovered in the last 4 weeks

2,643 samples used



96.9%

Protection Score ●●●●●● 6.0/6.0

<https://www.avast.com/en-us/free-mobile-security>

Keeping Your Android Devices Safe and Secure

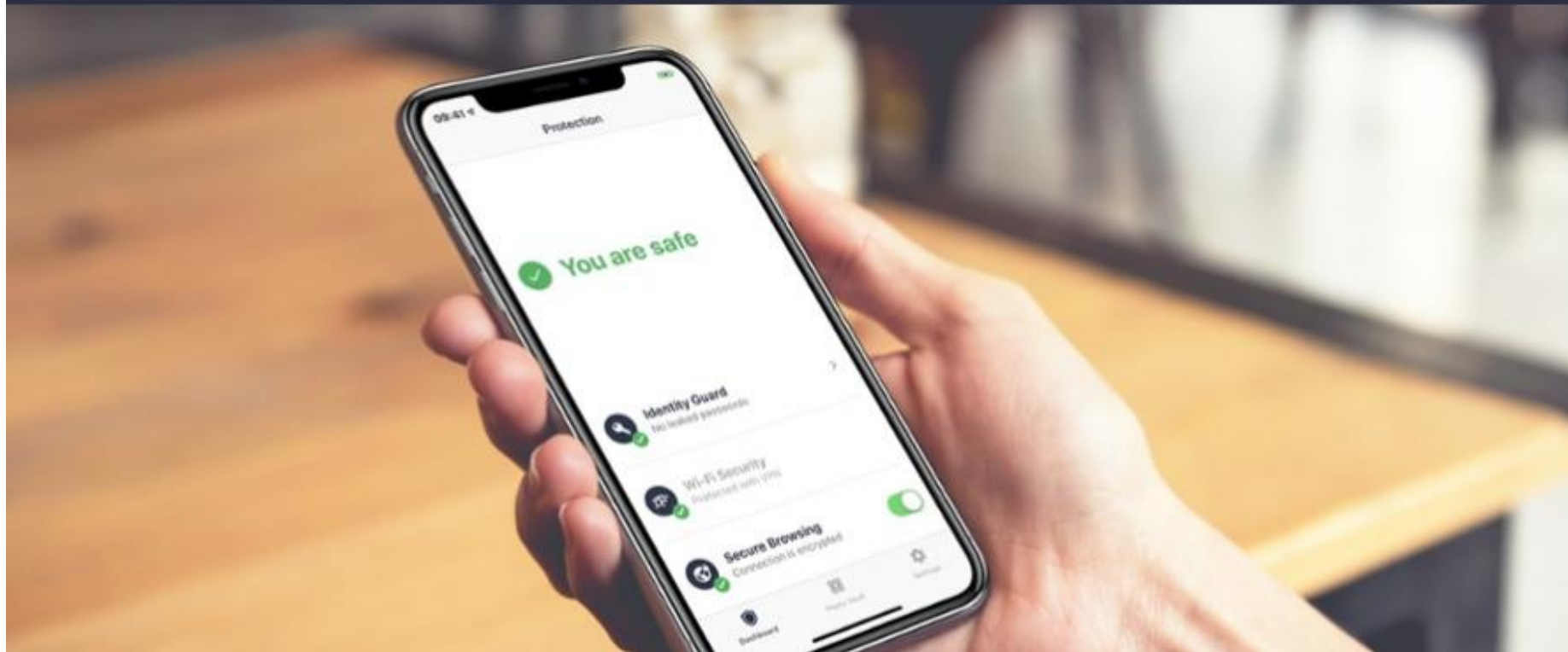


Avast Free Mobile Security at work



Protecting Your Digital Life Avast Mobile Security for iOS

iPhone and iPad protection at last



Avast Mobile Security for iOS is all about ensuring your online privacy and protecting your personal information from hackers and spies.
iOS 10.0 or higher required.

Protecting Your Digital Life

Avast Mobile Security for iOS –

FREE Features

► IDENTITY GUARD

Immediately receive a notification if any of your passwords are found leaked online - free version has 1 email account.

► PHOTO VAULT

Lock your photos in an encrypted vault so that only you have access to them. 40 photos within free, more with paid subscription.

Once photos are in the vault, a PIN, touch ID, or even a Face ID on devices that supports it (iPhone X, XS, XS MAX) is necessary to access them.

► Wi-Fi SECURITY

Scan Wi-Fi networks for vulnerabilities to ensure the network you're connected to is safe. What do we check for:

- DNS hijack
- Rom0 detection
- Unsecured Wi-Fi detection
- Weak router password
- Weak Wi-Fi password
- IPv6 issues
- Router accessibility from the Internet

PAID

► SECURE BROWSING

Protect your privacy by making sure no one can spy on what you're doing online with Secure Browsing feature.

It connects you to the closest server that we have in the area, you can't change it. (LIMITED compared to full VPN)

- UNLIMITED IDENTITY GUARD - more than 1 email account.
- UNLIMITED PHOTO VAULT - more than 40 photos.

Protecting Your Digital Life

The Internet of Things era: 6 ways to stay safe

The IoT is full of promise, but it also means more cyber threats, so you need to stay safe.



1. Secure your home network
2. Create a "guest" network for all of your IoT devices
3. Manage your IoT devices

4. Use a VPN
5. Protect your computers and mobile devices
6. Monitor threats at the network level

Protecting Your Digital Life

Avast Omni



The advertisement features a woman wearing headphones and a young child sitting on a couch, looking at a tablet together. To their left, a smartphone displays the Avast Omni app interface. The background is a bright, modern kitchen.



Avast Omni is a new type of security that protects you everywhere you connect.

 WATCH VIDEO

Setup requirements: Broadband internet connection (Cable, DSL, UTP), a compatible router, power outlet.
iOS 10 or newer, Android 5.0 or newer, Windows 7 or newer, and macOS 10.10 (Yosemite) or newer.

CURRENTLY ONLY AVAILABLE IN THE U.S.



**Avast Omni is a new type
of security that protects
you everywhere you
connect.**

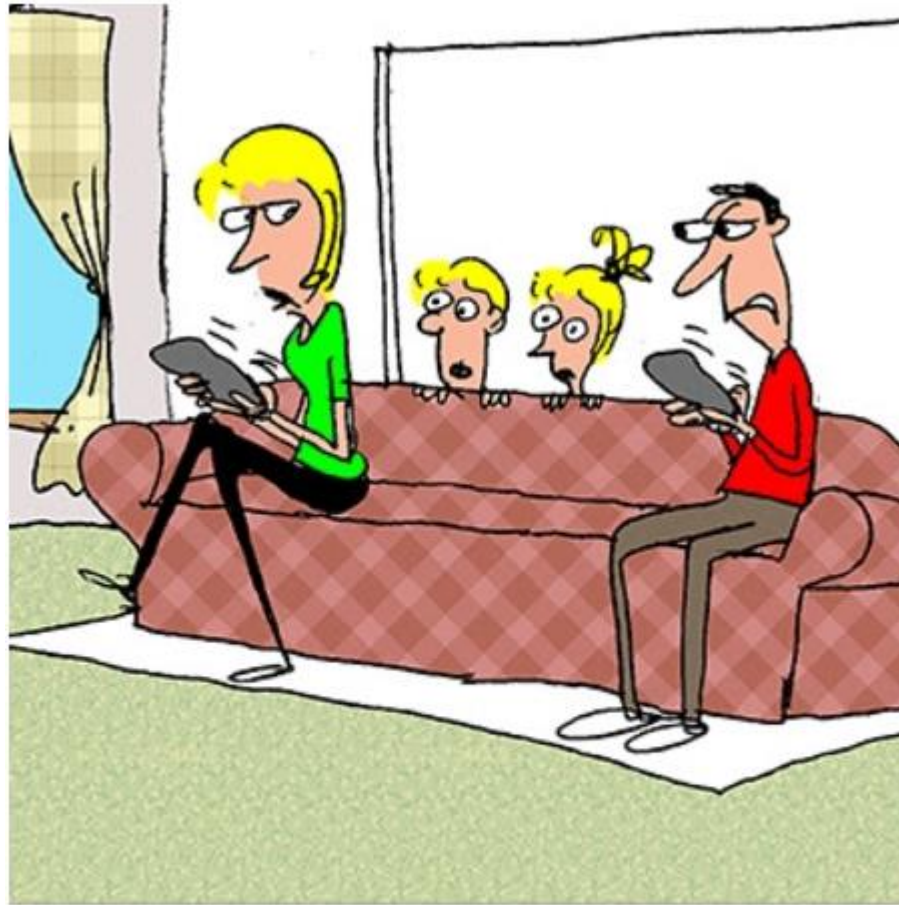


WATCH VIDEO



Smile, It's Good For You

A Benefit of Modern Technology



"At least now when mom and dad
fight, it's quieter."

Smile, It's Good For You



"Technology has stopped him from thinking for himself. He's using his GPS to guide him to the bathroom."

Smile, It's Good For You



If the GPS Malfunctions, He'll be watering the flowers instead.

Life Before The Computer

Memory was something you lost with Age.
An application was for Employment.

A program was a TV Show.

A cursor used Profanity.

A keyboard was a Piano.

A web was a Spiders Home.

A virus was the Flu.

A CD was a Bank Account.

A hard drive was a Long Trip On The Road.

A mouse pad was Where A Mouse Lived.

And if you had a 3 ½ inch Floppy,

You just hoped Nobody Found Out!

I'd
like
to
leave
you
with
this:

Free Grass Root Presentations Since 2010

- Forum “evangelists” volunteer
- Presentations to home users
PC User Groups, Schools and,
Groups of Technology Users

Contact me at bob3160@gmail.com
(505) 250-1089

If you want these presentations to continue,
Please email Lina at Avast Software



chentsova@avast.com



"See you in person at
the presentation!"
bob3160

Norbert (Bob) Gostischa
New Mexico, USA
40,000+ posts on
Avast Support Forum

The Big Sales Pitch

Questions?

Protecting Your Digital Life
Sponsored by **Avast Software**

bob3160@gmail.com



Follow up information



<https://goo.gl/5v4sIQ>



**An International
Association of Technology
& Computer User Groups**