

Is Cyber Security Really Important?

**Presented by Bob Gostischa
Avast Evangelist**



Note: There no videos included
with this presentation.

Smile, it's Good for You

So today, in church,
a guy in a dress tried to drown me

And, I kid you not,
my family just stood there
taking pictures!



This is how I stayed Safe during the Pandemic



Is Cyber Security Really Important?

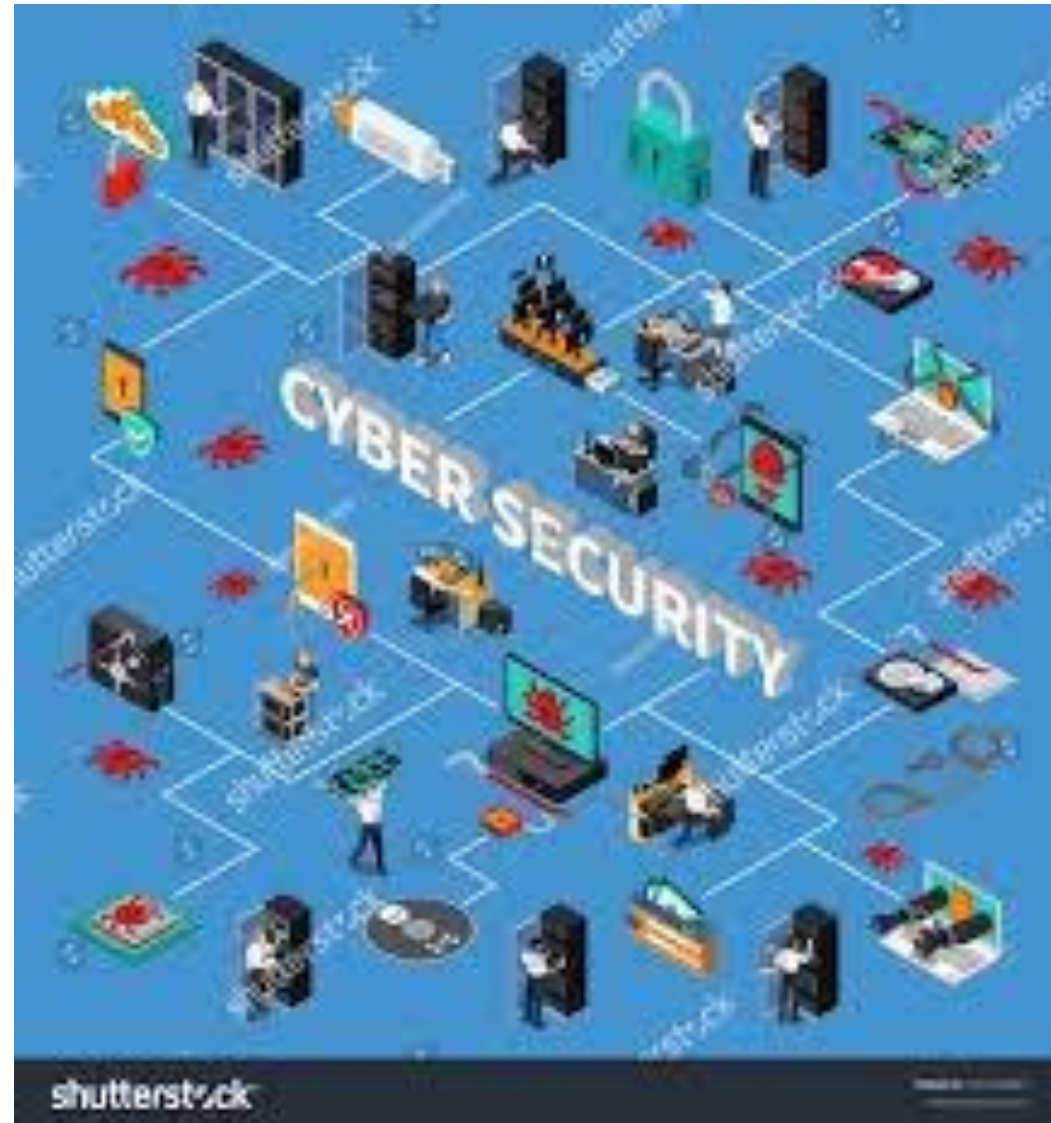


You Bet It Is.

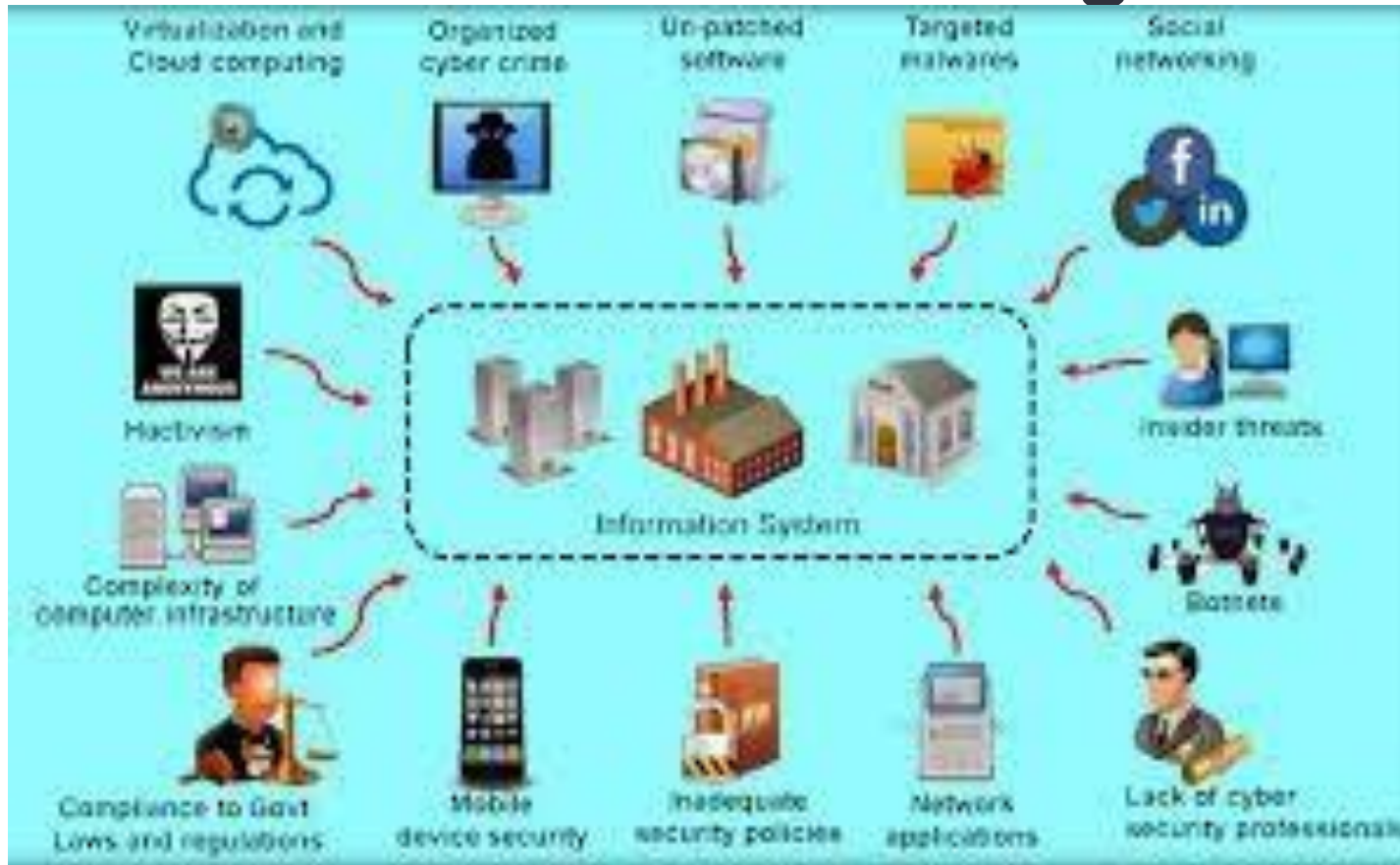
Cybersecurity Is Important because it encompasses everything that pertains to protecting our sensitive data



Total Cyber Security encompasses protecting Data, Hardware, and personal security.



Understanding the Threat Vectors



A threat vector is a path or a means by which a cybercriminal gains access through one or more of six main routes into a computer system by exploiting a route vulnerability (also called an attack surface).

The 6 main routes (points of entry) are:

1. The network
2. Users
3. Email
4. Applications
5. Remote access portals
6. Mobile devices

Network Security

Network security is a broad term that covers a multitude of technologies, devices and processes. Simply put, it is a set of rules and configurations designed to protect the integrity, confidentiality and accessibility of computer networks and data using both software and hardware technologies. Everyone on the internet has to have a degree of network security solutions in place to be protected from the ever-growing cyber threats in the wild today. That protection also needs to be in place for you to secure your home network.



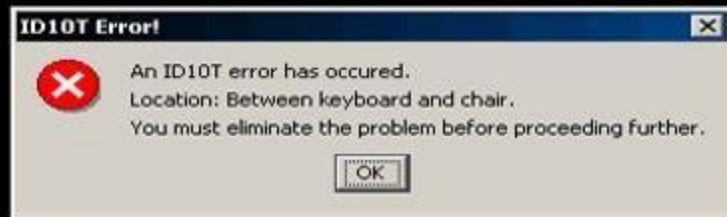
Securing the User

**90% of All Security Incidents Are
Caused by PEBKAC and ID10T Errors**



PEBKAC

Tech support can't help you when you're the problem.



PEBKAC

**Problem Exists Between Keyboard And
Chair.**

ID10T Error

IDIOT – A human frailty

**Education and Paying attention to Details
are the best cure for theses problems**

Email Threats

Common Flaws in Email Scams

1. **The sender is bogus.** By hovering your mouse over the sender's address, you can see the real address in the lower left corner of the email.
2. **The sender doesn't know your name.** "Dear valued member" is a dead giveaway that this is not a company you do business with.
3. **Hovering over "Click Here"** shows the URL's destination. As with issue #1, they attempt to look legitimate
4. **Threats.** The scam goes from apologizing for any inconvenience to threatening the recipient to scare you into responding.
5. **More embedded links.** The scammer's experience tells them that if there are many links you will be more likely to click on one of them. Another favorite ploy is for there to be a link to 'unsubscribe' from the email. While legitimate companies do have unsubscribe features, if you get this message in a scam, clicking the link will likely deliver malware to your computer.



**Distrust and Reason
go a long way toward
Keeping You Safe.**

Tips to Spot Email Scams

#1) Employment scams. Fake work from Home Job Offers.



#2) Auction scams. Fake messages from Online Shopping Sites.



#3) Financial Phishing scams. From PayPal and Banks



#4) Lottery and Giveaway Scams Foreign lottery, Competitions, Free Vacation Giveaways.



Examples of Fake emails.

Job Applications Scams on the Rise

These are all Warning Signs

Too Good to Be True, Vague Job Requirements and Job Description, Unprofessional Emails, Online Interviews via Messaging Services, Emails Don't Include Contact Information, Search Results Don't Add Up, You're Asked to Provide Confidential Information, Sending Money or Using a Personal Bank Account, They Want You to Pay for Something.



Your “Gut” Says It’s a Scam

Program / App Security

Follow these tips.

1. Only download from Sites and App stores you trust.
2. Only deal with companies you trust.
3. Never download illegal software.
4. Never use a password generator, cracks, etc.
5. Scan your download for malware.
6. Test the program in a Sandbox.
7. Back up before you install something new if possible.



Remote Access Portals - Open Wi-Fi

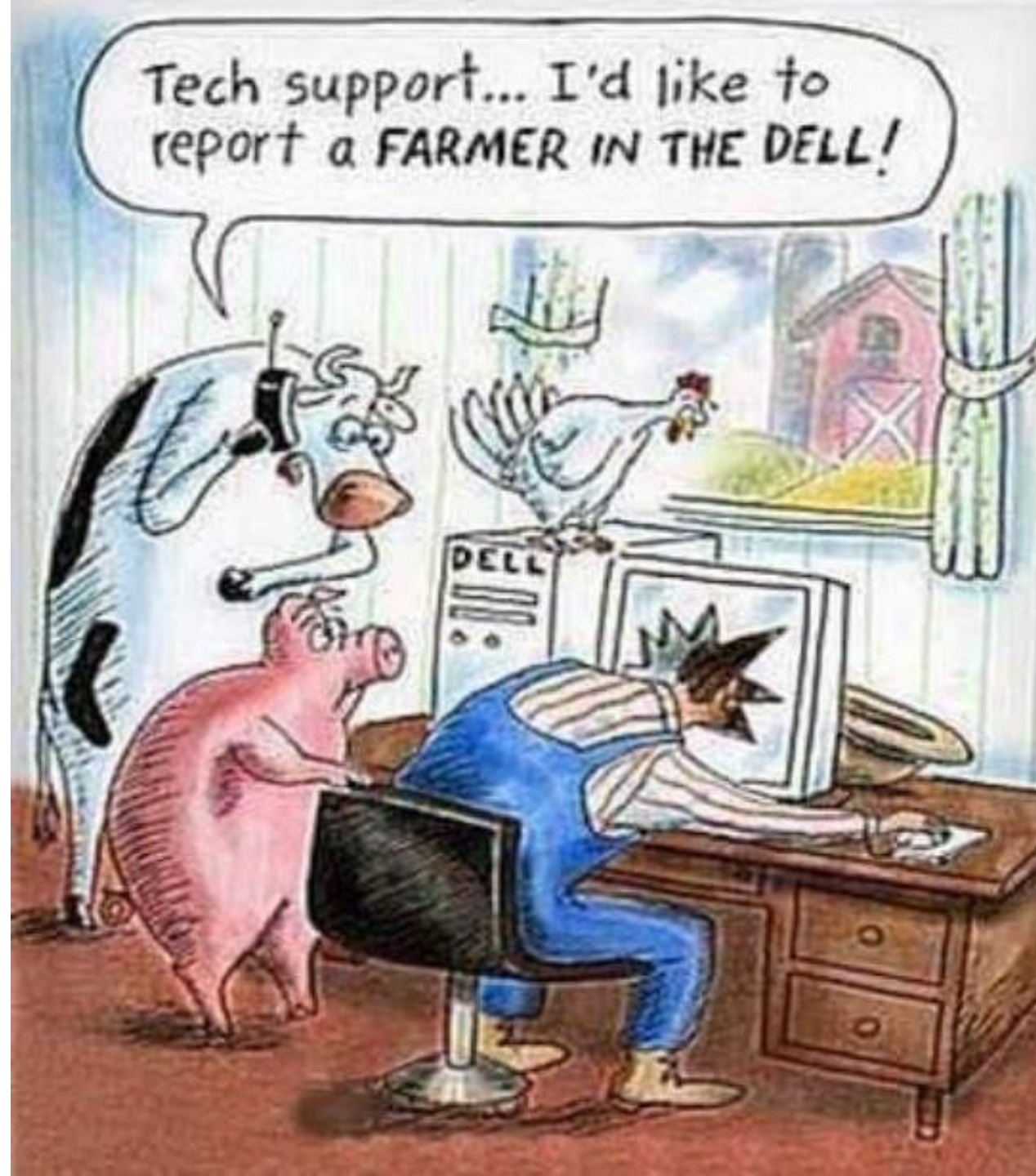
It may be FREE it may be Handy and it's Tempting

BUT

Only use it if it doesn't require exposing any
Sensitive or Personal Information.

For Everything Else,
Use a
VPN





Cyber Security is only as strong As it's weakest Link



Hackers and Crooks Always Exploit the Weakest Link.



Some Tools to Aid in Maintaining Cyber Security



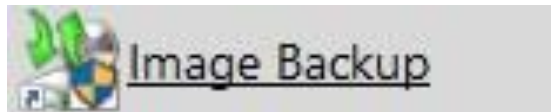
CCLEANER

Malwarebytes



Avast SecureLine VPN

avast hack check



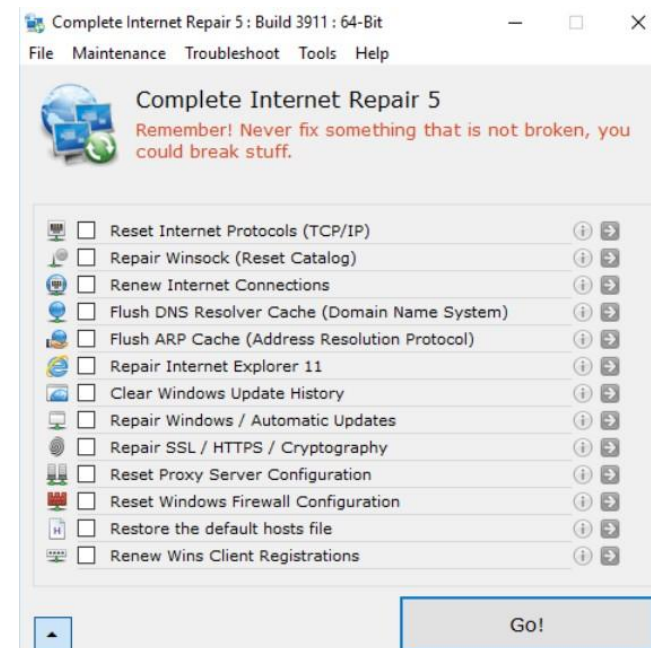
LastPass



AOMEI Backupper Standard Edition

Patch My PC Home Updater Overview

Our Home Updater is a **free, easy-to-use** program that keeps **over 300 applications** up-to-date on your computer. It is an easy way to **update** or **install** a large list of programs on to your computer.



Update Update Update

Your Operating System and All Programs and Apps

Patch My PC Home Updater Overview

Our Home Updater is a **free, easy-to-use** program that keeps over 300 applications up-to-date on your computer. It is an easy way to **update** or **install** a large list of programs on to your computer.

<https://patchmypc.com/home-updater>

Backup Backup Backup


If its Important and you Can't Easily Replace it, Back It Up before it's too late.

← Set up backup

[Review your backup settings](#)

Backup Location: FantomHD (F:)

Backup Summary:

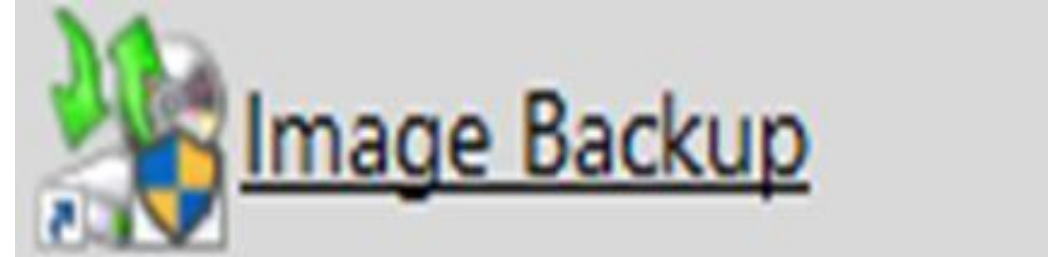
Items	Included in backup
 All users	Default Windows folders and lo...
 System image	Included

Schedule: Every Saturday at 7:00 PM [Change schedule](#)

⚠ A system repair disc might be required to restore a system image. [More information](#)

Save settings and run backup

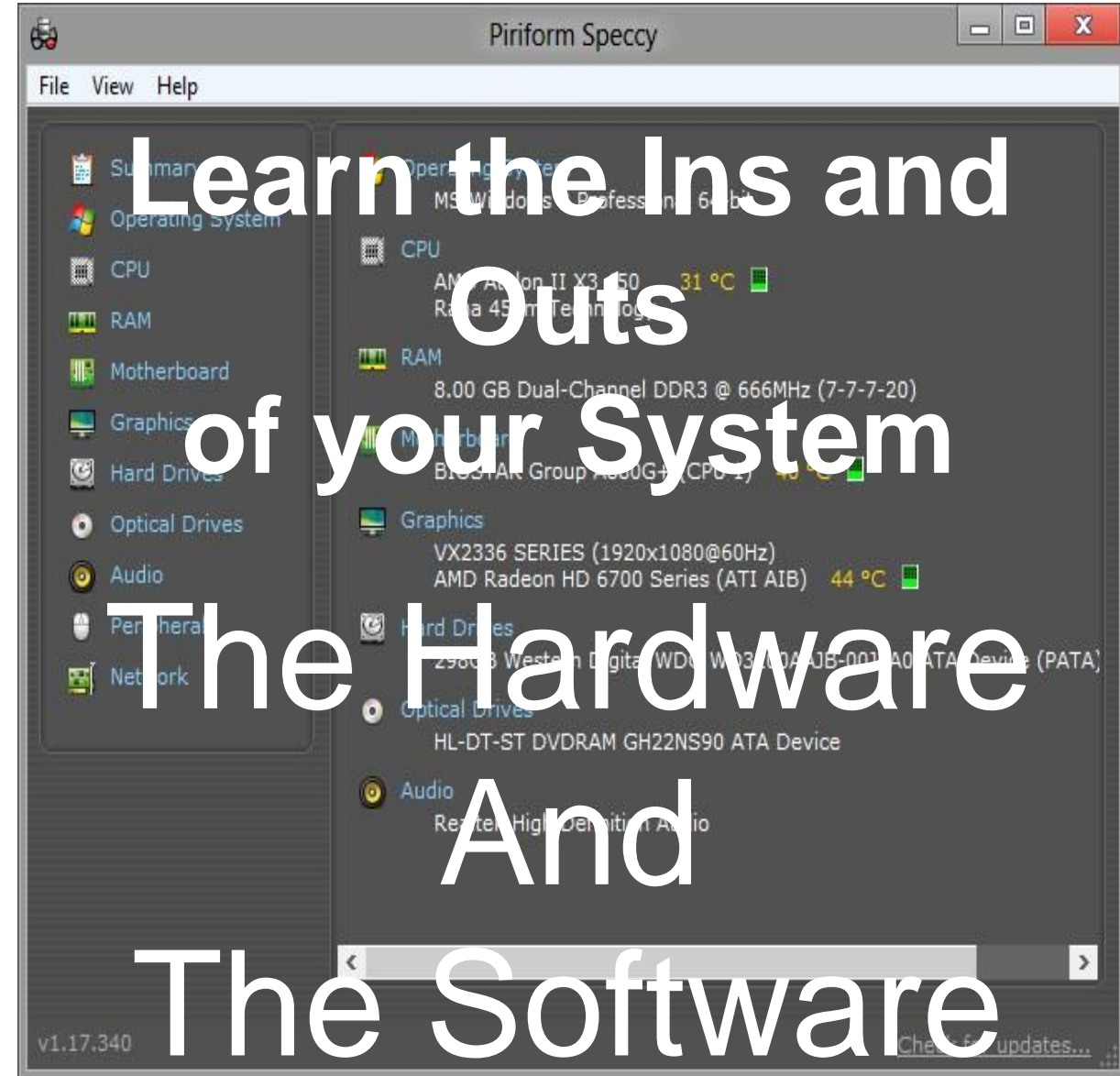
Cancel



Get Familiar with Your Computer

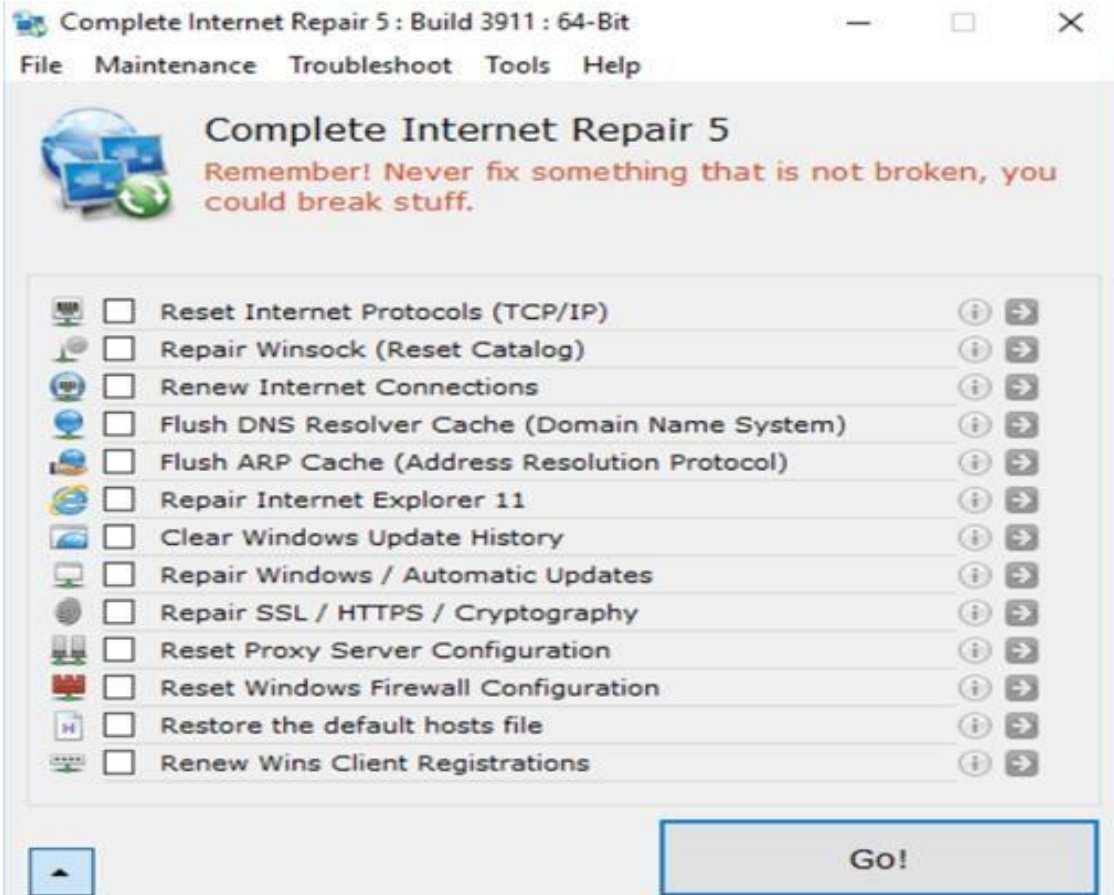
Speccy
PROFESSIONAL

AWARD WINNING
System Information Tool
Tired to find out what's inside your computer? No problem!



<https://www.ccleaner.com/speccy/download>

Keep your Internet Running Smoothly



COMPLETE INTERNET REPAIR
Whenever I have a problem with my internet access, this is my go-to tool. Provided the problem isn't with your Internet Service Provider, run this tool. Check the top 5 boxes and let it do its work.
A System Restart is required to finish the repair.

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

Clean up Accumulated Garbage



CCleaner is a small, effective utility for computers running Microsoft Windows, Mac, and Android that cleans out the 'junk' that accumulates over time: temporary files, broken shortcuts, and other problems.

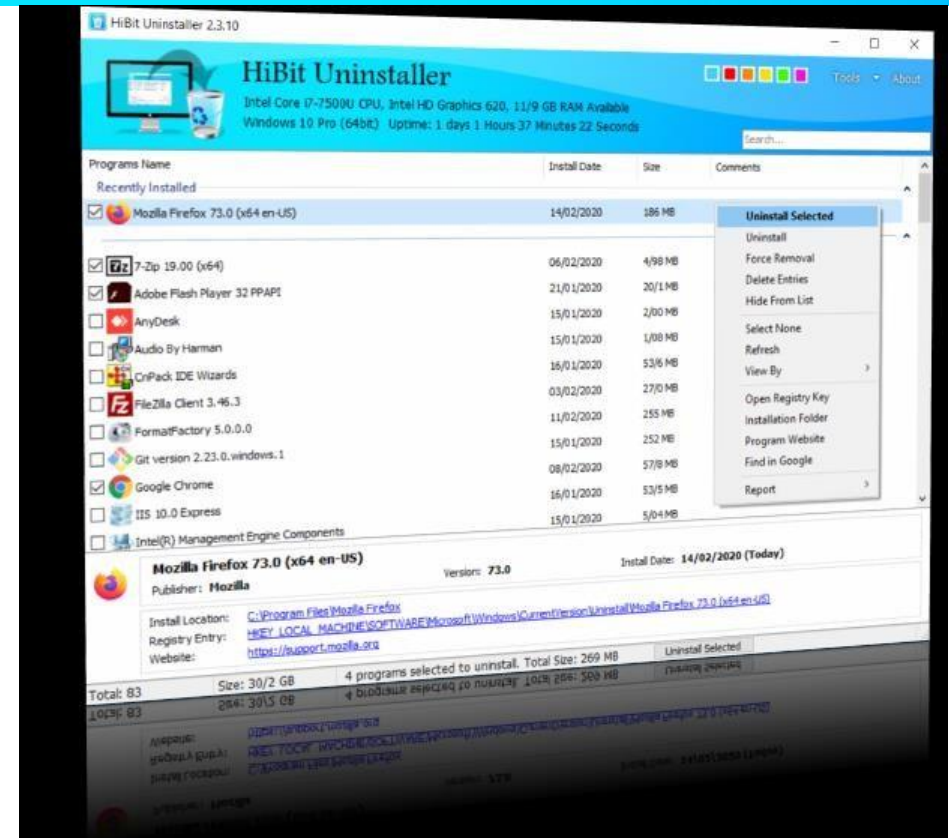
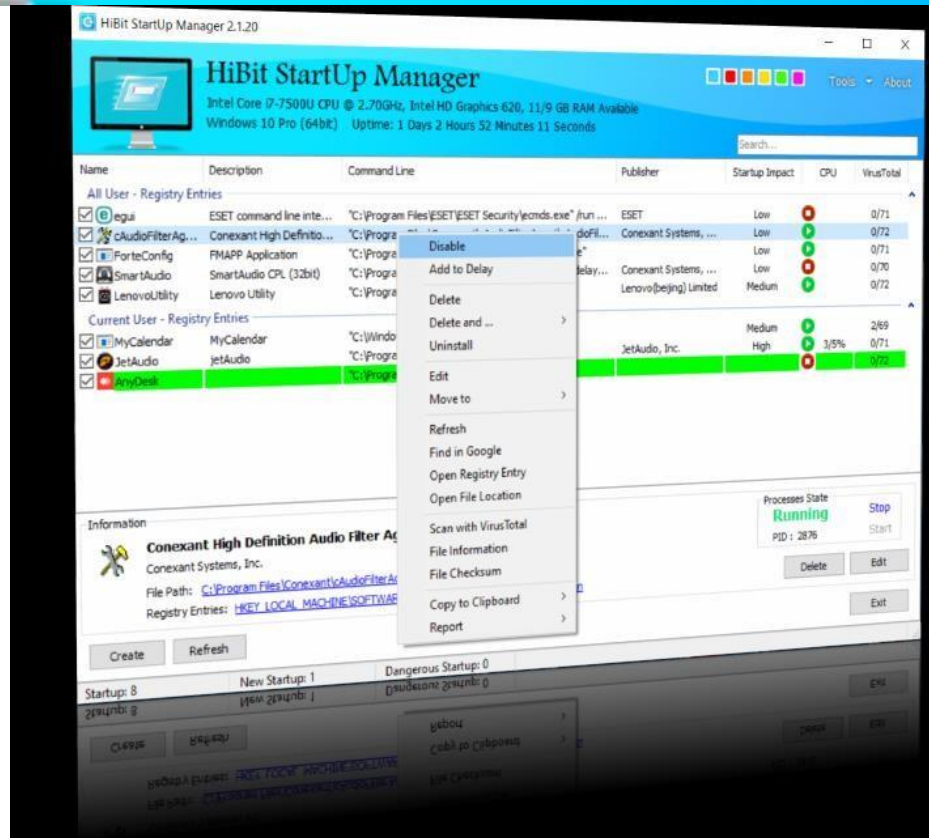
CCleaner protects your privacy. It cleans your browsing history and temporary internet files, allowing you to be a more confident Internet user and less susceptible to identity theft.

I recommend the Portable version.

<https://www.ccleaner.com/ccleaner/builds>

Control what Runs at Startup

Remove Everything when Uninstalling



<http://www.hibitsoft.ir/index.html>

Let's Talk About What Will Keep you Safe and Secure

LastPass...

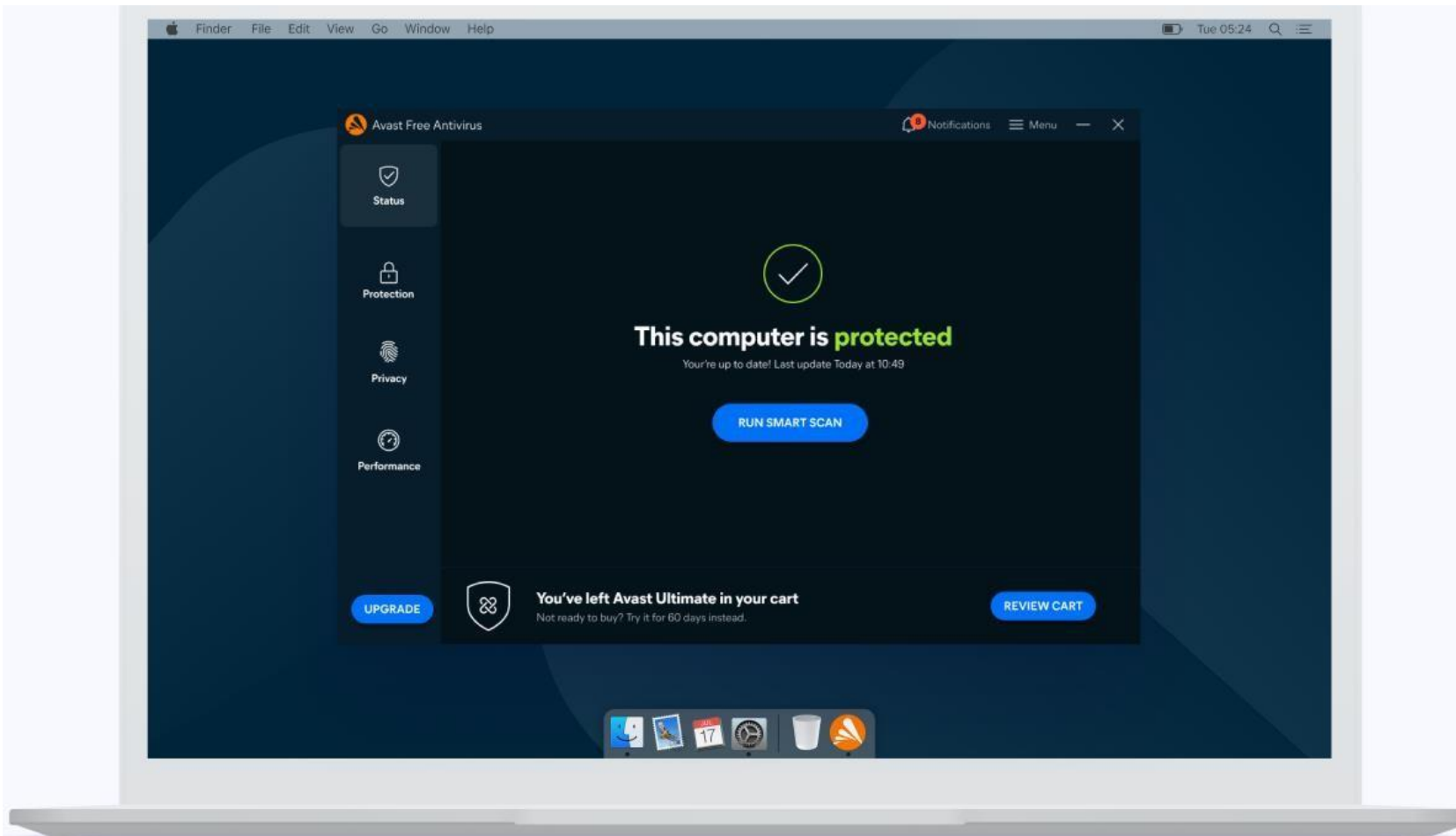


 **Avast** > hack check

Avast Free Antivirus

Avast Free offers the following features to secure your system:

1. Anti-spyware built-in
2. Web Shield
3. Anti-rootkit built-in
4. Automatic updates
5. Strong self-protection
6. Antivirus kernel
7. System integration
8. Simple User Interface
9. Integrated Virus Cleaner
10. Resident protection
11. Support for 64-bit Windows
12. P2P and IM Shields
13. Internationalization
15. Network Shield
16. Boot Time Scan available
17. Silent Gaming Mode



Also available for [Mac](#) and [Android](#).

PASSWORDS

Need to be Long and Strong



"I hired a team of experts to come up with the perfect password. However, all they've come up with so far is 123456."

Start by Using a Password Manager



Bitwarden
277 Recommendations



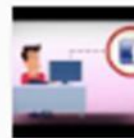
1Password
146 Recommendations



LastPass
297 Recommendations



Dashlane
58 Recommendations



Enpass Password Manager
56 Recommendations



RoboForm
44 Recommendations

There are many free and paid options. Bitwarden is a good Open-Source Cross Platform choice. I personally have used the Free version of LastPass for many years.

Protection when Using Public Wi-Fi

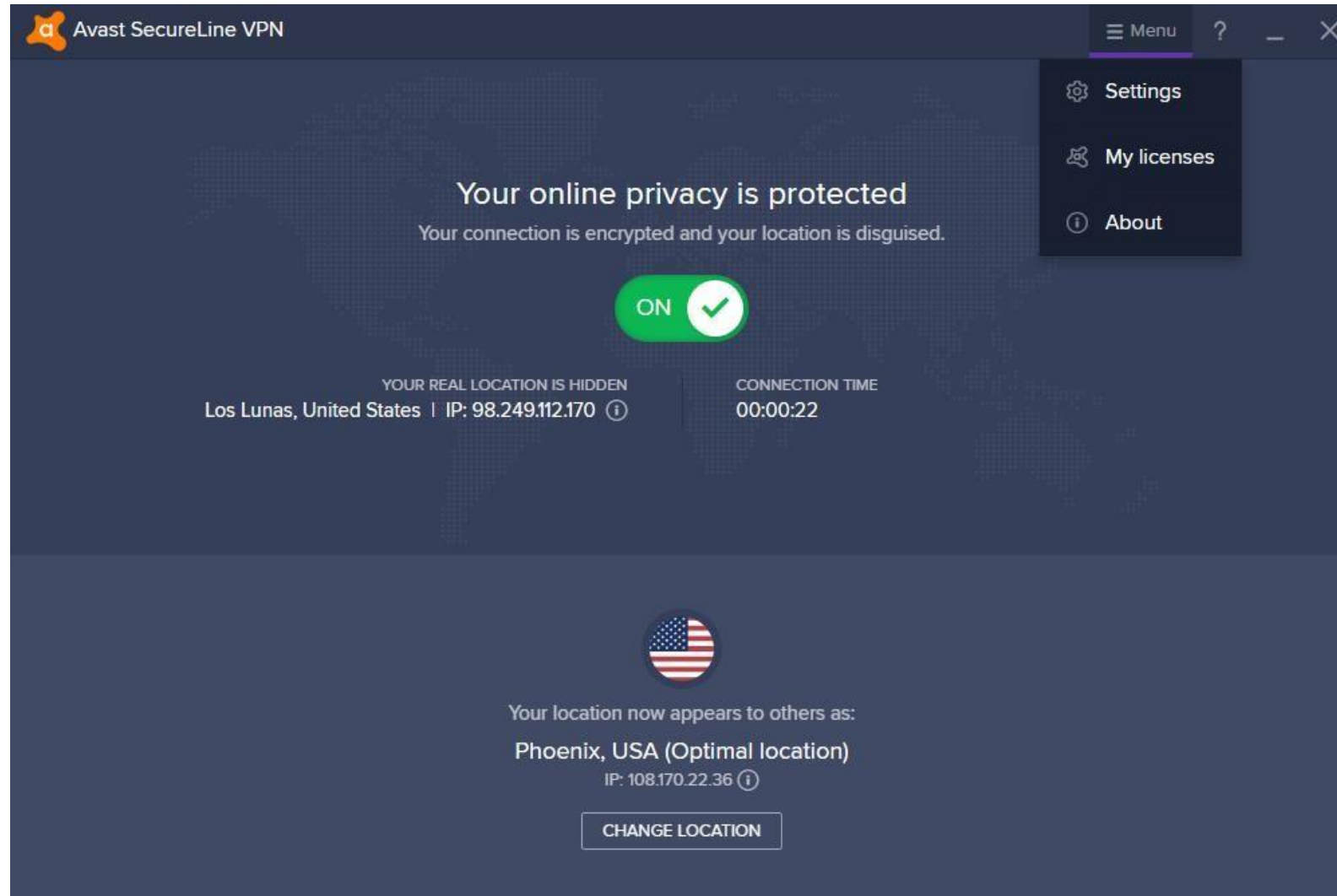
Public Wi-Fi is safer than ever due to the use of HTTPS.

For maximum protection on public Wi-Fi networks, a VPN is still recommended.

When you use a VPN, you connect to a single VPN server, and all of your system's traffic is routed through an encrypted tunnel to the server. The public Wi-Fi network you're connecting to sees a single connection; your VPN connection. No one can even see which websites you're connecting to.

Tips to keep Yourself Safe and Secure







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



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

Tips to keep Yourself Safe and Secure

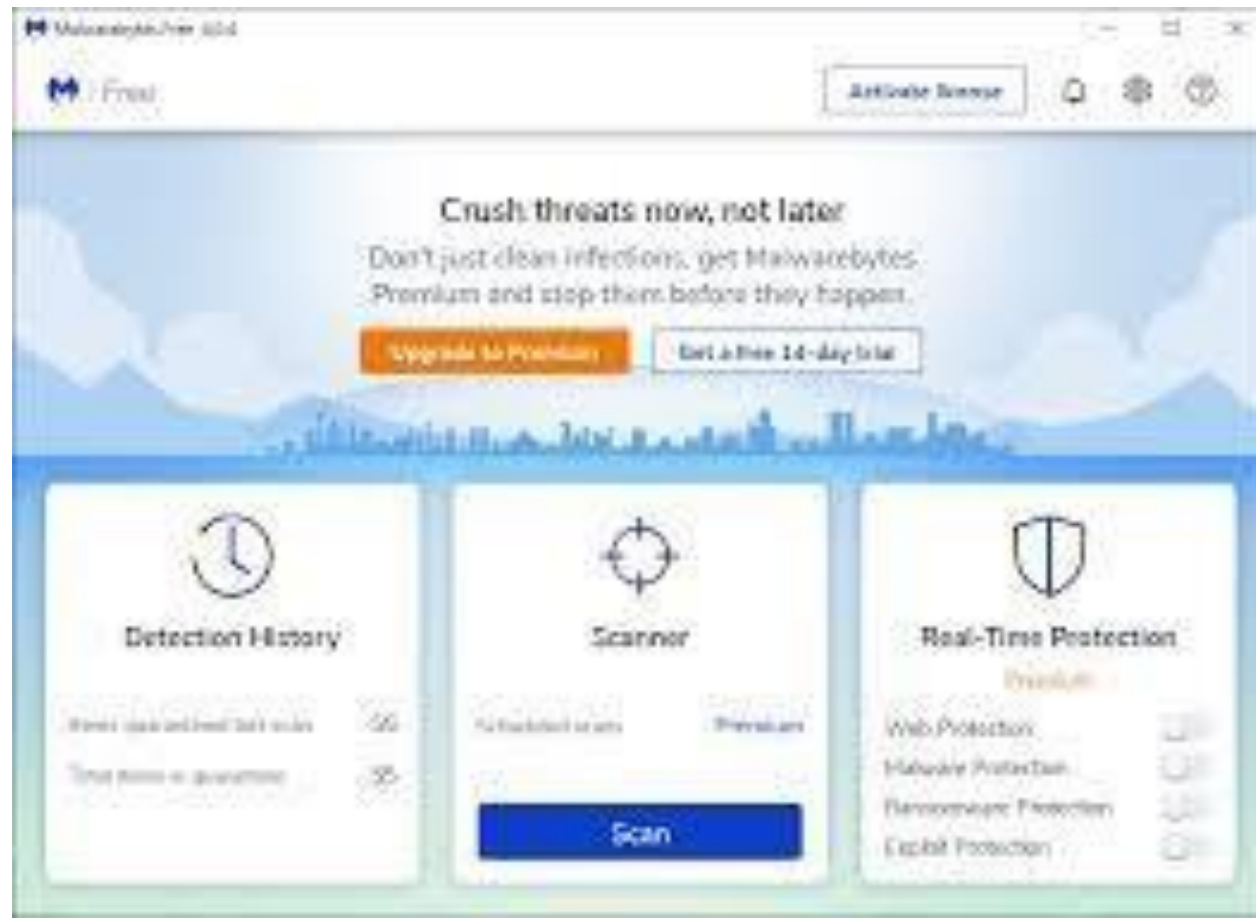
Free VPN's

Product	TunnelBear VPN	ProtonVPN	AnchorFree Hotspot Shield VPN	Kaspersky Secure Connection VPN	Avira Phantom VPN	Hide.me VPN
						
Lowest Price	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	
Editors' Rating	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>EDITORS' CHOICE</div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>EDITORS' CHOICE</div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Free Version Data Limit	500MB-1GB Per Month	Unlimited MB	500MB Per Day	200-300MB Per Day	500MB Per Month	2GB Per Month
Simultaneous Connections for Free Version	5	1	Unlimited	Unlimited	Unlimited	1

An extra measure of Protection and A Second Opinion



<https://www.malwarebytes.com/mwb-download/>



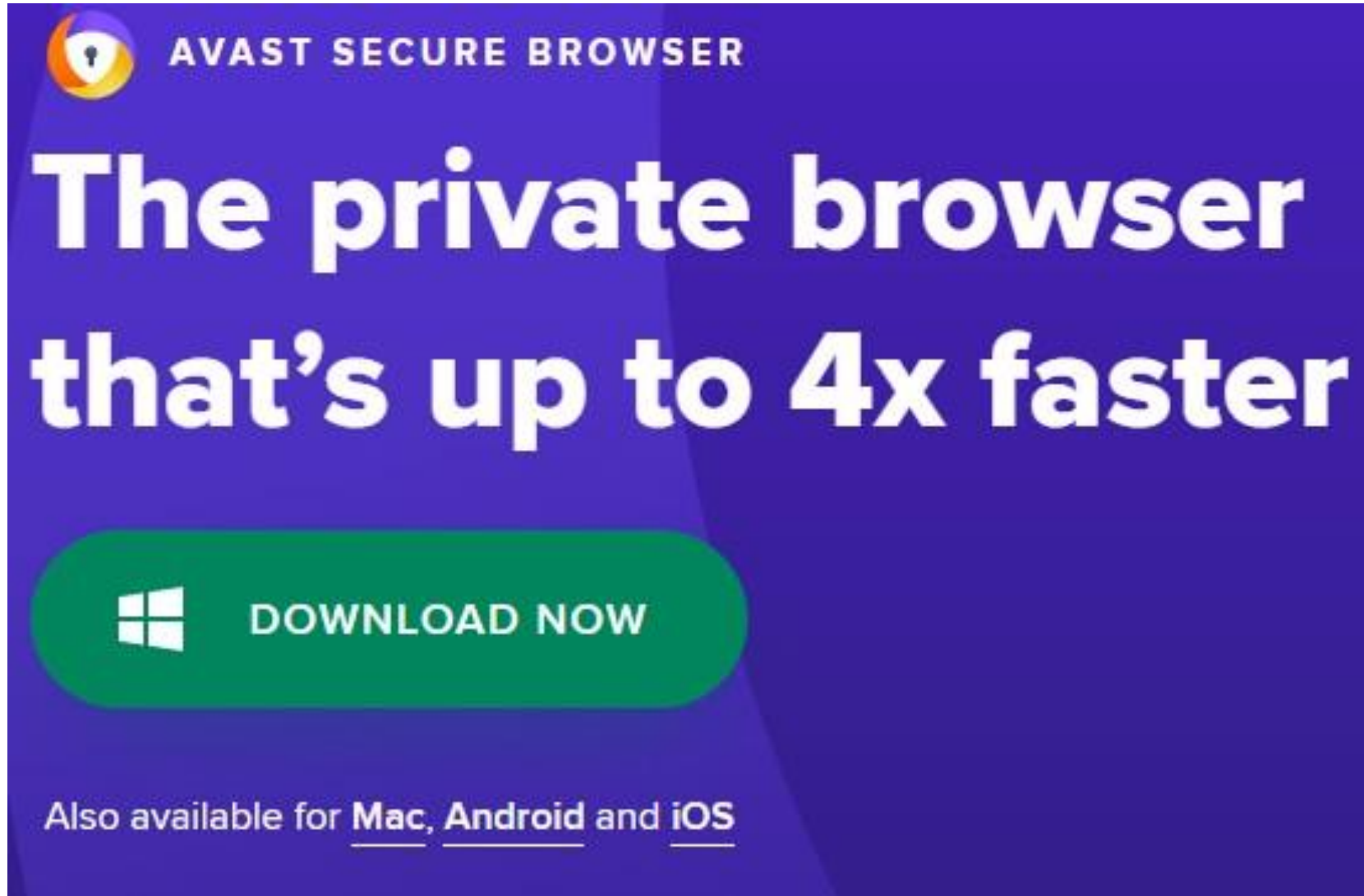
Find out if your email password Has been Hacked (Stolen)



<https://www.avast.com/hackcheck>


A screenshot of a web browser showing the Avast Hack Check page. The browser's address bar displays 'https://www.avast.com/hackcheck/'. The page has a light purple background. At the top left is the 'avast hack check' logo. To its right are three navigation links: 'Has my password been stolen?' (which is underlined), 'Friends Check', and 'Breached websites'. The main heading is 'Has my password been stolen?' in large bold black font, followed by the sub-heading 'Find out with Avast Hack Check' in a smaller bold black font. Below this is a paragraph of text: 'We've detected 22,350,755,560 stolen passwords that have been taken as a part of a security breach or other types of illegal online activity. See if yours is one of them. Just enter the email address you use to log in to Facebook or LinkedIn or any other on-line site where you have an account and we will check it against a database of hacked websites and stolen log-in details.' Below the text is a white input field with the placeholder text 'Enter your email address'. Under the input field are two bullet points: '• Check if your password has been leaked and get a report to your email' and '• Receive 24-hour automatic email alerts anytime your password leaks'. At the bottom center is an orange button with the text 'CHECK NOW' in white, and below it in smaller white text, 'and monitor future leaks'.

Avast Secure Browser

The advertisement features a dark blue background with a subtle circular gradient. In the top left corner is the Avast Secure Browser logo, which consists of a stylized 'A' inside a circle. To the right of the logo, the text 'AVAST SECURE BROWSER' is written in a white, sans-serif font. The main headline, 'The private browser that's up to 4x faster', is centered and written in a large, bold, white sans-serif font. Below the headline is a large, green, rounded rectangular button. Inside the button, on the left, is the Windows logo (four white squares), and to its right is the text 'DOWNLOAD NOW' in white, uppercase, sans-serif font. At the bottom of the advertisement, the text 'Also available for Mac, Android and iOS' is written in a smaller, white, sans-serif font, with 'Mac', 'Android', and 'iOS' underlined.

AVAST SECURE BROWSER

The private browser that's up to 4x faster

 **DOWNLOAD NOW**

Also available for Mac, Android and iOS

<https://www.avast.com/en-us/secure-browser#pc>

Protection for Mobile Device



The advertisement is split into two horizontal sections. The top section features a dark blue background with a blurred image of a person's face on the right. It includes the Avast logo (a shield inside a circle), the text 'Avast Mobile Security for iOS', the tagline 'Go beyond antivirus with protection made just for iPhone and iPad.', and a 'Download on the App Store' button with the Apple logo. The bottom section has a dark purple background with a blurred image of a smiling woman on the right. It includes the Avast logo, the text 'Avast Mobile Security for Android', the tagline 'Secure your mobile device with the world's most trusted free antivirus app.', and a 'GET IT ON Google Play' button with the Google Play logo.

 **Avast Mobile Security for iOS**

Go beyond antivirus with protection made just for iPhone and iPad.

 Download on the
App Store

 **Avast Mobile Security for Android**

Secure your mobile device with the world's most trusted free antivirus app.

 GET IT ON
Google Play

Avast One for iOS and Android is another excellent alternative offered by Avast

Avast Free Mobile Security at work



Mobile Devices

Most Mobile Device insecurities are a direct result of the Apps we install.

Make sure that an App only asks for the permission it requires to perform its task.

Verify the reputation of the manufacturer.

Read and verify the Apps reviews.

Only download apps from reputable Web Stores.

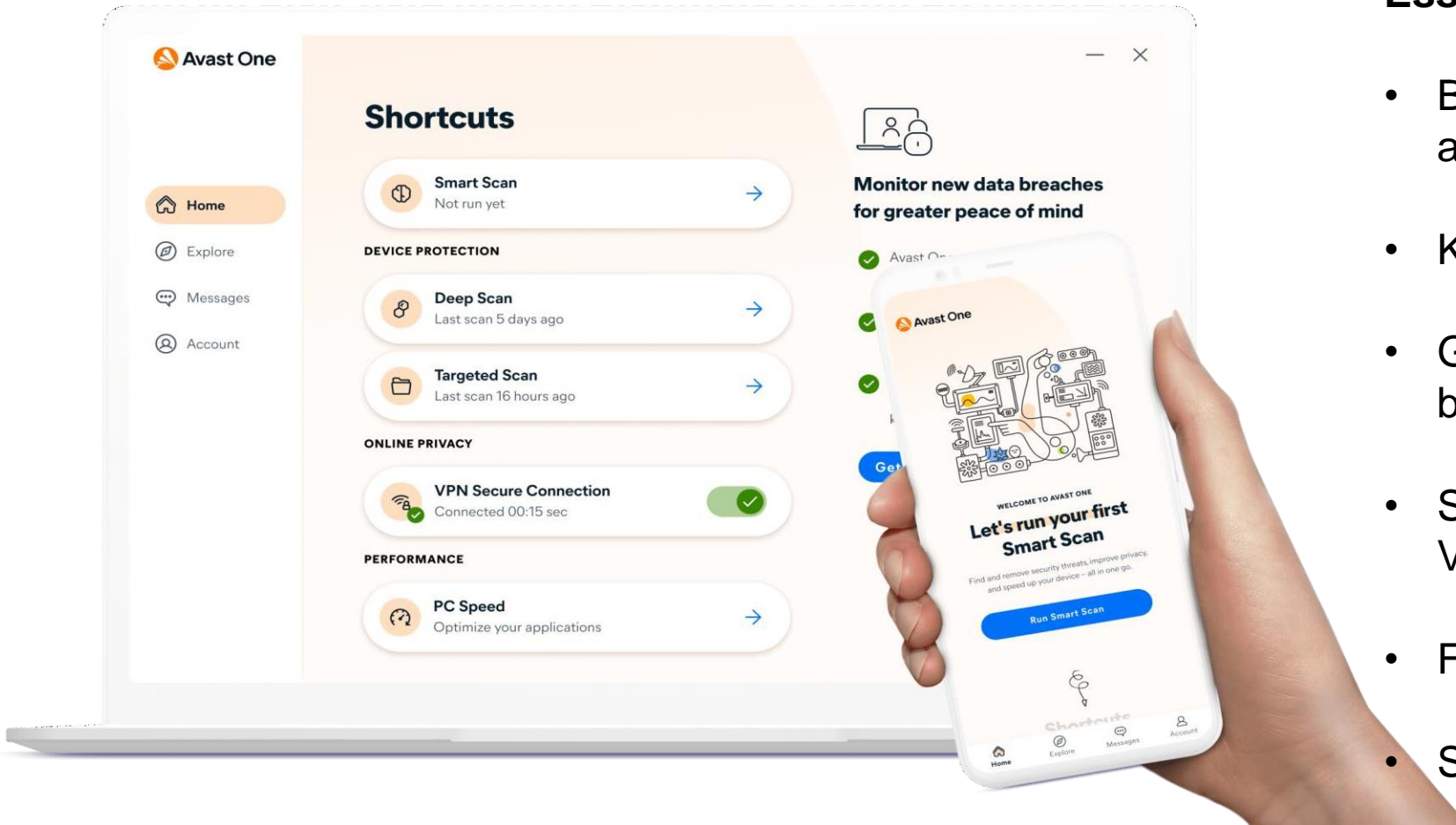


Avast One Essential

Avast One Essential offers the following features to secure your system:

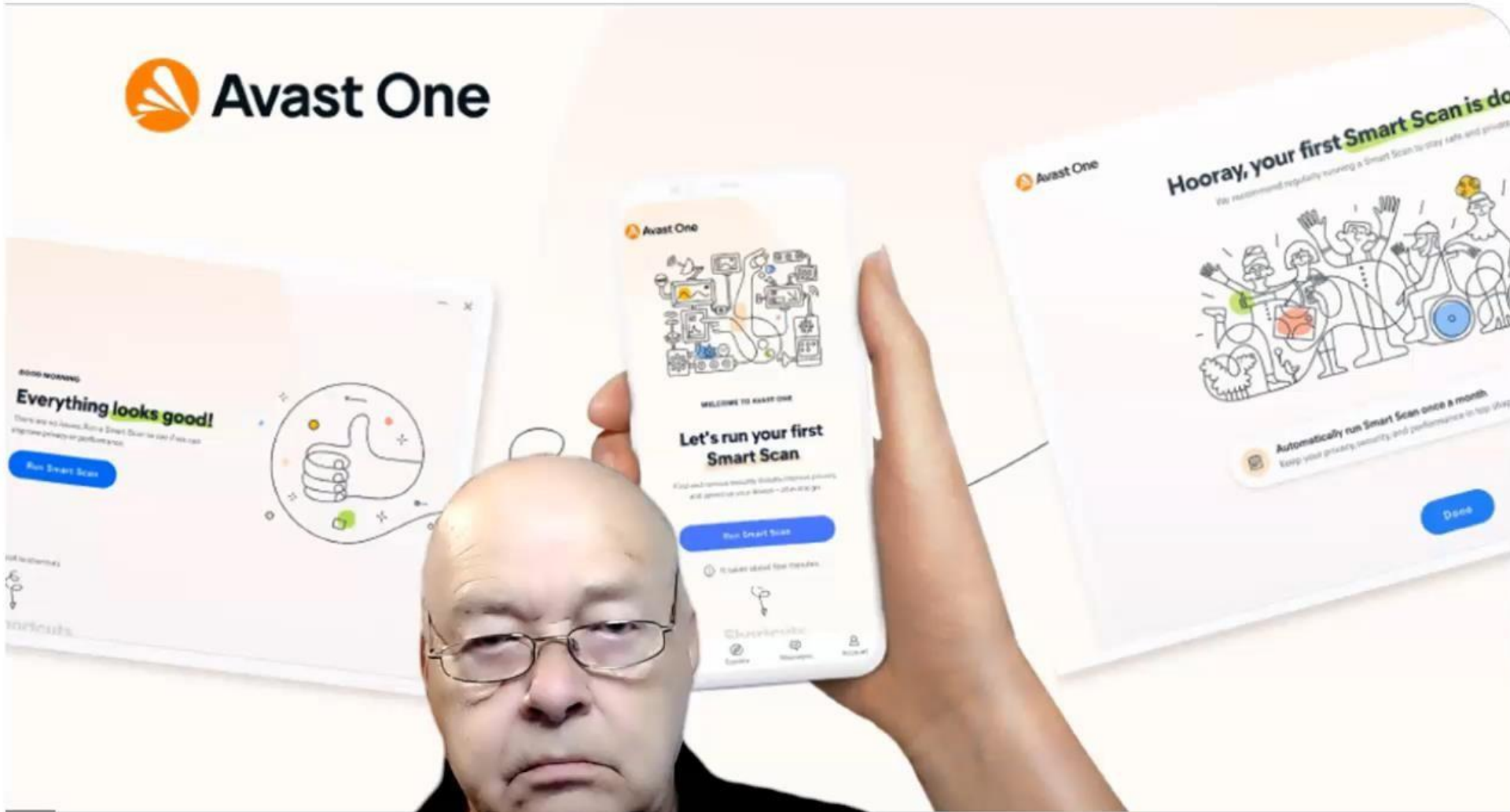
Essential protection for your life today

- Block viruses and malware with an advanced antivirus
- Keep intruders out with a firewall
- Get extra privacy when you browse, bank, or shop
- Secure your Wi-Fi connections with VPN (5 Gig per week cap)
- Find compromised passwords
- Speed up your PC



Also available for [Mac](#) [Android](#) [iOS](#).

Introducing Avast One



Norton/LifeLock - Avast Merger

Here is the official information currently available.

Nothing will change for now. The transaction is expected to close in Q2 2022 and until then, Norton/LifeLock and Avast will continue to operate as separate companies. You will still be able to use Avast products as before. We will begin integrating our companies and providing a consolidated suite of offerings to all our customers once the transaction has closed. We don't have any further details at this time. We will continue to offer our free product for the foreseeable future. We don't know and can't comment on anything that might be on the horizon once the merger is finalized.

With this merger agreement, we will be combining two leading companies in the cyber-safety industry which will allow us to provide you with the identity and privacy products and services to better protect your digital world.



Smile

Just wanted you to know
I have entered the
snapdragon part of my life.
Part of me has snapped....
And the rest of me is draggin...



Smile

**YOU KNOW YOU'RE
GETTING OLD
WHEN A RECLINER
AND A HEATING
PAD IS YOUR IDEA
OF A HOT DATE**

Smile

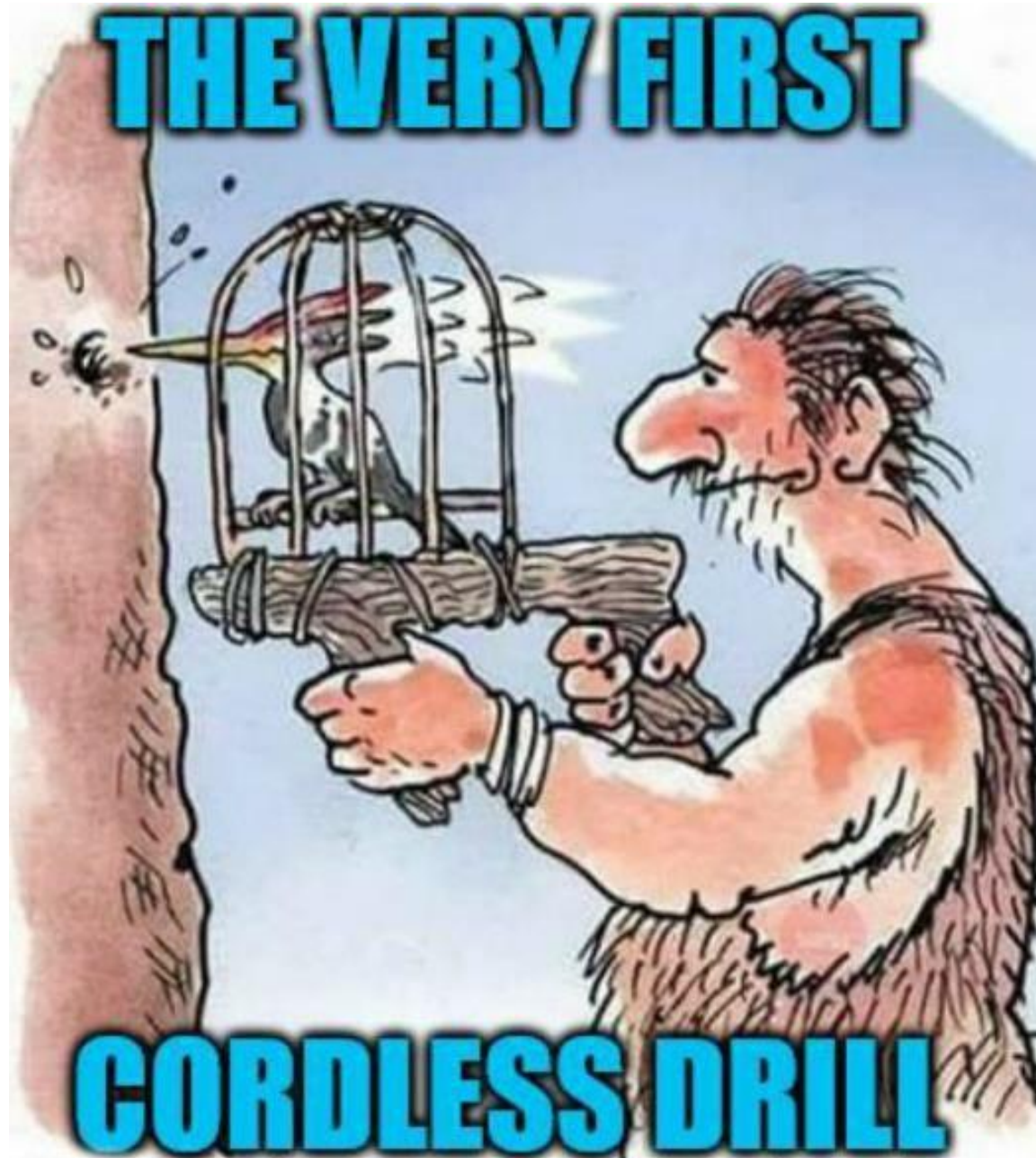
FIVE TIPS FOR A WOMAN....

1. It is important that a man helps you around the house and has a job.
2. It is important that a man makes you laugh.
3. It is important to find a man you can count on and doesn't lie to you.
4. It is important that a man loves you and spoils you.
5. It is important that these four men don't know each other.

Smile



Smile



Smile

Sometimes you
have to admit
it's time to retire!!



Smile

A WISE MAN ONCE TOLD
HIS SON:

MY BOY, WHEN YOU
ACCUMULATE THE
UNDERSTANDING TO KNOW
WHY A PIZZA IS MADE
ROUND, TO BE PUT IN A
SQUARE BOX & IS EATEN IN
TRIANGLES, THEN & ONLY
THEN WILL YOU BE ABLE
TO UNDERSTAND WOMEN

Smile



Smile

**Did you know on
the Canary
Islands there is
not one canary?
And on the
Virgin Isles?
Same thing - not
one canary there
either!**

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"See you in person at
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The Big Sales Pitch

Questions?

Is Cyber Security Really Important?



bob3160@gmail.com



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



An International
Association of Technology
& Computer User Groups