



Avast Antivirus Solutions Reviewer's Guide 2023

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Product Comparisons



Avast Antivirus for PC

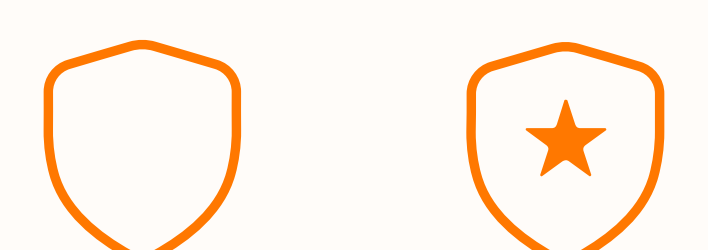
PRODUCT COMPARISONS



Feature	Description	Free Antivirus for PC	Premium Security for PC
Smart Scan	It scans and advises the user on the following: - Browser threats - Viruses & Malware - Outdated apps - Advanced issues	●	●
Web Shield	Protects against web threats by scanning network traffic, filtering URLs to block access to websites that are malicious, and scanning downloaded content to prevent malware from being downloaded and run on the user's PC.	●	●
File Shield	Scans any file added to or opened on PC. It actively scans all programs and files on the user's hard drive as they are opened, run, modified, and saved.	●	●
Mail Shield	Blocks malicious email attachments. In case that such an attachment is detected, alert will be displayed to the user, they still can choose to download the file if they trust it.	●	●
Ransomware Shield	Extra layer of protection to keep personal photos and files safe from unwanted changes. It secures them from being modified, deleted, or encrypted by ransomware attacks.	●	●
Email Guardian	Protects users' favorite email accounts online, flagging suspicious emails to identify malicious links (like those found in phishing scams or dangerous files), wherever they login.	—	●
Behavior Shield	Evaluates every process on the user's PC in real-time and warns if any application behaves suspiciously (that may indicate the presence of malicious code).	●	●
Remote Access Shield	Blocks hackers from remotely taking control over the user's PC.	—	●
Webcam Shield	Guards against webcam spying by blocking applications and malware from accessing the user's PC's webcam without the user's consent.	—	●
Anti-Phishing	Automatically blocks scams and fake websites. This is not a separate feature, but a part of web threats detection, based on domain name.	●	●



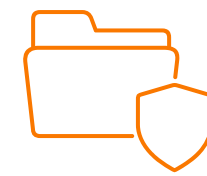

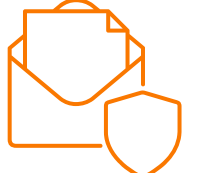






Feature	Description	Free Antivirus for PC	Premium Security for PC
Sensitive Data Shield	Automatically prevents spyware from accessing sensitive documents (automatically detected by the antivirus engine) that could compromise the user's privacy and identity if revealed.	—	●
Botnet Protection	Protect the user's PC against malware that allows hackers to control it and turn it into part of a bot network. Bot networks are used to send spam, steal data, distribute ransomware, commit fraud, and other potentially illegal activities.	●	●
Sandbox	Allows the user to run a suspicious app in an isolated environment to see if it's malicious without risking it infecting the rest of their PC.	—	●
Cyber Capture	Automatically sends suspicious files for analysis to the cloud, and pushes a cure (e.g. virus definition updates) to all Avast users if it's a threat.	●	●
Real Site	Protects users against DNS hijacking. It ensures the displayed website is authentic, which is especially important for shopping or banking websites where the user is inputting sensitive payment information.	—	●
Network Inspector	Exposes intruders, monitors devices, and security weakness in the user's smart home network. It checks the status of the user's network, devices connected to the network, and router setting to help secure the users network.	●	●
Firewall	Prevents hackers from sneaking onto the user's PC to steal their data. Premium provides additional leak protection, Port Scan Alerts, and informs users about Address Resolution Protocol (ARP) spoofing attack attempts in the advanced version.	●	● Advanced
Data Shredder	Ensures that files are securely deleted to ensure that no one recovers them.	—	●
Rescue Disk	Helps users to remove persistent malware by scanning their PC when the system is not running, thanks to an external device (CD, USB drive) that includes a self-running operating system.	●	●
Password Protection	Prevents applications and malware from viewing, changing, or deleting passwords that are saved in the user's Google Chrome, Mozilla Firefox, Edge, and Avast Safe Browser.	—	●


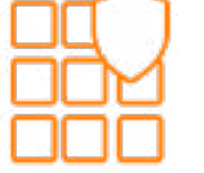







Feature	Description	Free Antivirus for PC	Premium Security for PC
Software Updater	Helps keep commonly used third-party software up to date, in order to eliminate potential security risks. Malicious threats or attackers often use leaks in outdated software to access a user's PC.	● Manual	●
Do Not Disturb Mode	Allows for distraction-free gaming, watching movies, or presenting by blocking pop-ups.	●	●
PUA/PUP Protection	PUP (Potentially Unwanted Programs) and PUA (Potentially Unwanted Apps) often come bundled with other apps, and PUP detection has been enabled by default. The users who do not wish to block PUPs by default can turn the feature off by opening the Avast setting screen.	●	●
Bank Mode	Provides a virtual desktop, which acts as a clean, safe virtual PC within a user's physical PC. The Bank Mode virtual desktop protects the user against the injection of malicious scripts, keystroke logging, and screenshot attempts by third-party apps.	●	●
Avast Secure Browser	Based on Chromium, Avast Secure Browser is packed with useful, state-of-the-art tools and services. Features include Adblock (to make browsing the web faster and safer), Bank Mode (for secure banking), and Anti-Phishing (to stay safe from malicious downloads and websites).	●	●
Hack Alert	Warns the user if any passwords linked to the email address connected to their Avast account were compromised in a hack or a leak.	●	●
Passive Mode	Allows users to easily run the tools they want alongside their Avast solution. Passive Mode triggers automatically when another antivirus program is installed with Avast already on the system.	●	●
My Statistics	A personalized security report that shows the user's stats for the past 30 days, as well as the total period they've been using the app.	●	●

Avast Antivirus for Mac

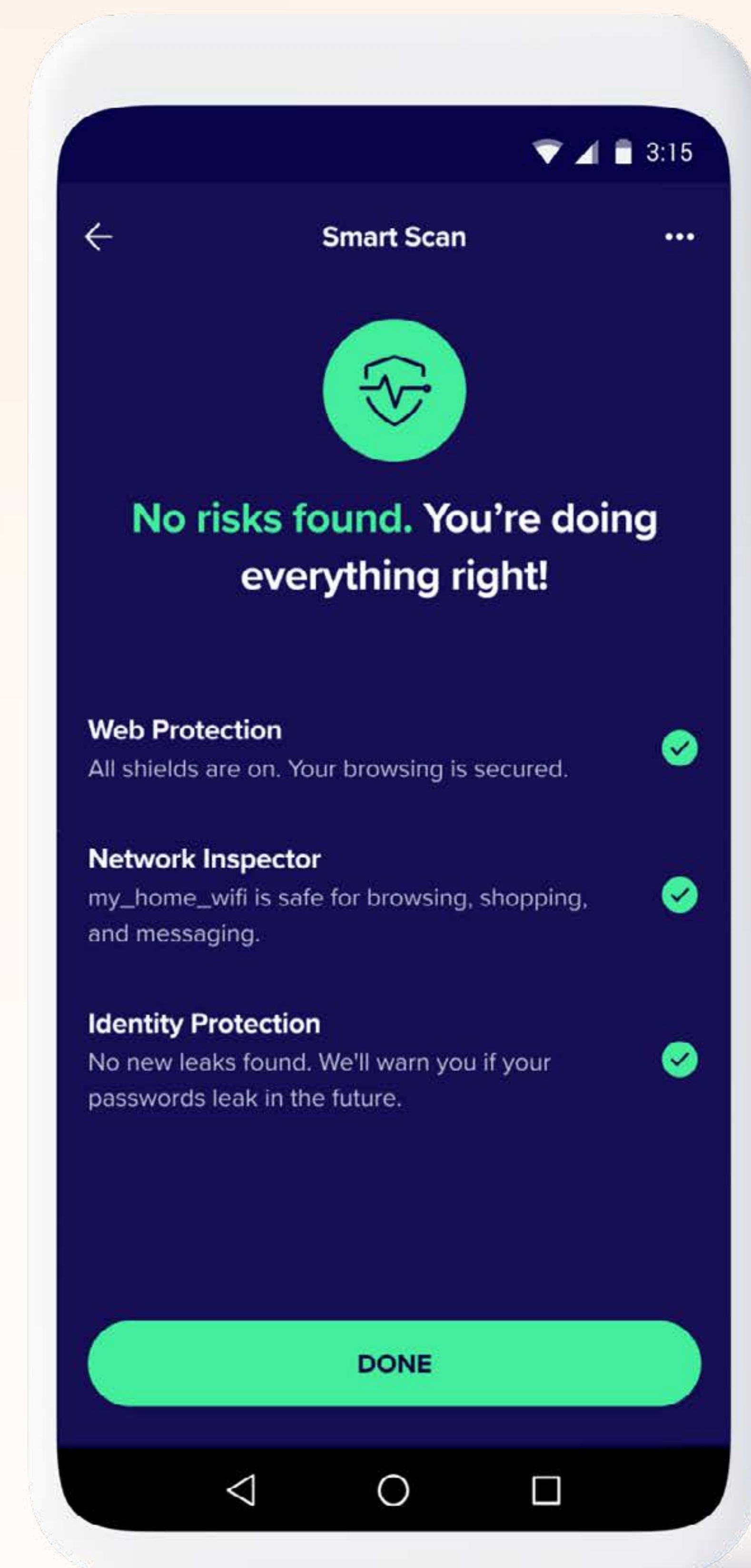
PRODUCT COMPARISONS

Feature	Description	Free Antivirus for Mac	Premium Security for Mac
 File Shield	Instantly scans any file launched on a Mac to ensure it's free of any recognizable malware.	●	●
 Web Shield	Scans websites for malware and other dangers to block threats before they are downloaded to a Mac.	●	●
 Mail Shield	Scans emails received in an inbox to ensure they are free of malicious attachments, and even prevents users from sending malicious attachments to others.	●	●
 Ransomware Shield	Additional layer of ransomware security. Ransomware Shield stops both ransomware and untrusted apps from changing, deleting, or encrypting personal photos and files in protected folders.	—	●
 Online Security (Secure DNS)	Protects the user against DNS hijacking, a type of malicious attack that redirects them from the real site they want to visit to a fake site that may look the same.	—	●
 Smart Scan	An in-depth, full system scan of a user's Mac.	●	●
 USB/DVD Scan	Scans any mounted removable volumes such as USB and DVD drives. This scan happens automatically if the user connects a new USB.	●	●
 Targeted Scan	Scans specific folders or files. A scheduled custom scan is the perfect solution for when users are sleeping or away from their Mac.	●	●
 Custom Scan	Choose when to run a scan, a scheduled custom scan is the perfect solution for keeping the user's device protected without affecting their day. The user can choose exactly when a scan should run e.g at night or non-busy hours, by opening the Custom scan category from the left-hand navigation and then clicking on Open now. Users can also choose the type of scan they'd like, when it should first launch, and how frequently it should scan.	●	●

Feature	Description	Free Antivirus for Mac	Premium Security for Mac
 Email Guardian	Protects users' favorite email accounts online, flagging suspicious emails to identify malicious links (like those found in phishing scams or dangerous files), before they get to users' inbox. Users can connect it with as few as four clicks, and they get advanced protection whenever they check their email - no matter where they log on - without having to download anything extra.	—	●
 PUA/PUP Protection	PUP (Potentially Unwanted Programs) and PUA (Potentially Unwanted Apps) often come bundled with other apps, and PUP detection has been enabled by default. The users who do not wish to block PUPs by default can turn the feature off by opening the Avast setting screen. Dialog information has improved significantly to add new detection types, descriptions, and new category tools (Coinminer, Injector, Joke) which are divided from PUPs (bundlers, extensions, and more.)	●	●
 Network Inspector	Exposes intruders, monitors devices, and security weakness in the user's smart home network. It checks the status of the user's network, devices connected to the network, and router setting to help secure the users network.	●	●
 My Statistics	A personalized security report that shows the user's stats for the past 30 days, as well as the total period they've been using the app.	●	●
 Do Not Disturb Mode	Allows for distraction-free gaming, watching movies, or presenting by blocking pop-ups.	●	●
 Wi-Fi Intruders	Instantly alerts the user when someone joins their Wi-Fi network. This helps keep hackers out and stops neighbors from bringing their network to a crawl with any unwelcome video streaming or internet usage.	—	●
 Real Site	Protects users against DNS hijacking. It ensures the displayed website is authentic, which is especially important for shopping or banking websites where the user is inputting sensitive payment information.	—	●

Avast Antivirus for Android

PRODUCT COMPARISONS

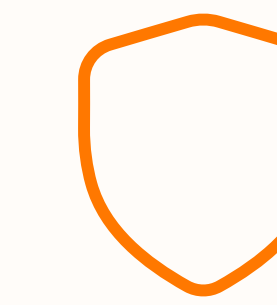
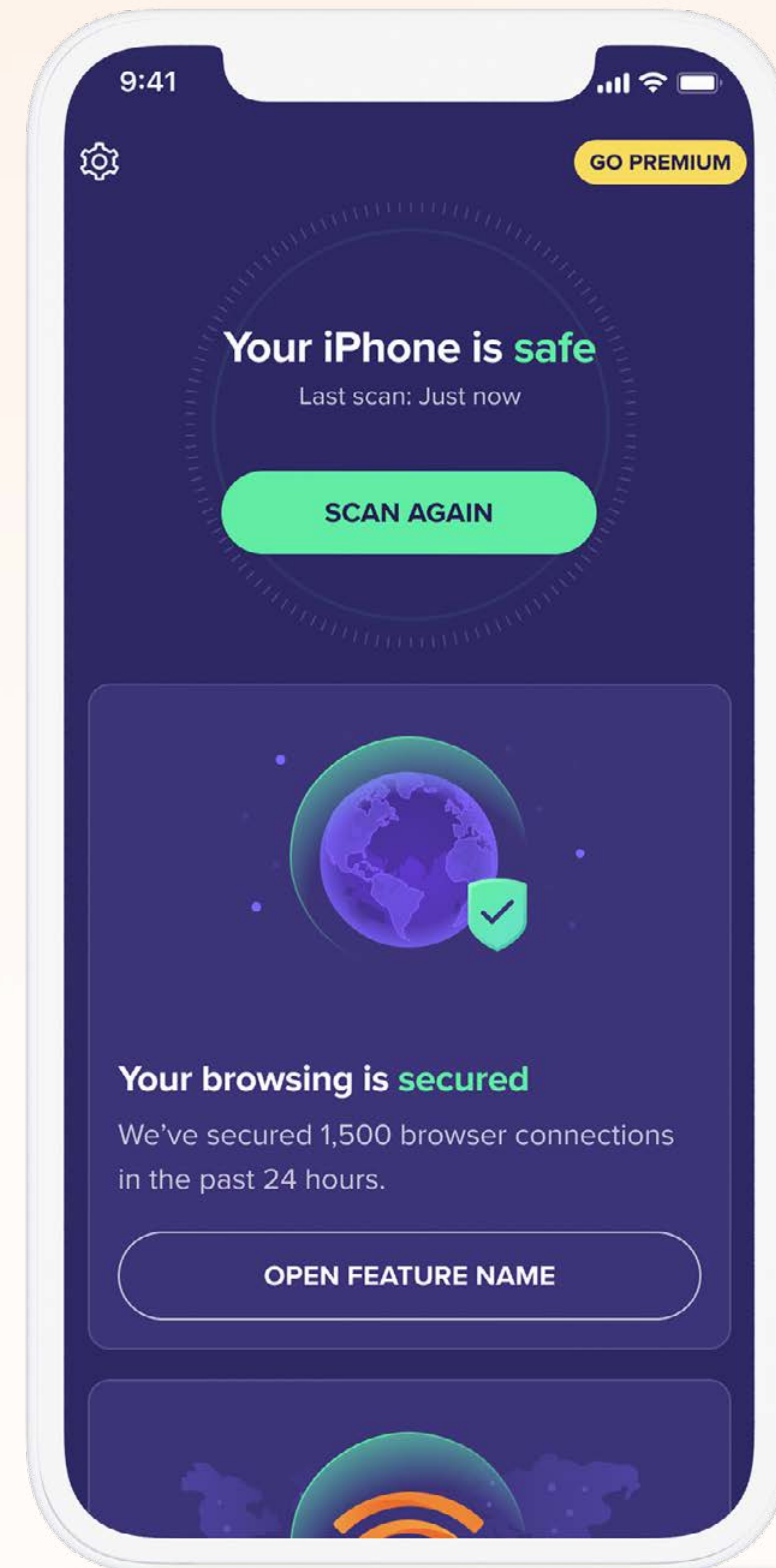








Feature	Description	Free Mobile Security for Android	Premium Mobile Security for Android
Web Protection	Protects the user from dangerous and malicious websites, and helps to avoid online scams (anti-phishing).	●	●
Smart Scan	Enables on-demand scans of all applications installed on the user's device and informs them about security risks.	●	●
Network Inspector	Scans the Wi-Fi network to which the device is connected and may identify specific vulnerabilities.	●	●
Identity Protection	Notifies the user if their passwords have been stolen and leaked online. Keeps their online accounts from being compromised.	—	●
Daily Scan (Automatic Scan)	Like the Smart Scan feature, Daily Scan scans for browser threats, malware, outdated apps and issues, and it does so daily.	—	●
Web Shield	Scans all data that is transferred over the network in real-time to prevent malware.	●	●
File Scanner	Scans individual files and folders for security threats.	●	●
WiFi Speed Check	Checks the download and upload speed of the Wi-Fi network to which the user is connected.	●	●

Feature	Description	Free Mobile Security for Android	Premium Mobile Security for Android
App Lock	Protects the user's sensitive apps with a PIN, pattern or fingerprint.	—	●
Scam Protection	Proactively notifies users when receiving phishing messages from email, and SMS or messaging apps which represent a potential risk to the user if they go undetected.	—	●
Junk Cleaner	Analyzes the space on the user's device and displays the amount of storage space that is being used by junk files.	●	●
RAM Booster	Kills apps running in the background to prevent these apps from slowing down the user's device and draining the battery.	●	●
App Insights	App Usage - Provides information about how much time the user spend using each app Data Usage - Provides information about data usage (such as an alert) of the user's installed apps Permissions - Provide information about which permissions are required by each of the user's intalled apps.	●	●
Remove Ads	Removes all 3 rd party advertisement from the app.	—	●
Direct Support	Contact Avast directly from the app to receive quick responses to the user's inquiries.	—	●

Avast Antivirus for iOS

PRODUCT COMPARISONS



Feature	Description	Free Mobile Security for iOS	Premium Mobile Security for iOS
 Web Protection	Protects the user from dangerous and malicious websites, and helps to avoid online scams (anti-phishing).	●	●
 Smart Scan	Scans the user's iPhone/iPad for threats and vulnerabilities. Easy guidance to keep their security and privacy settings up-to-date.	●	●
 Network Inspector	Detects and alerts the user about unsecure Wi-Fi networks.	●	●
 ID Protection	Notifies the user if their passwords have been stolen and leaked online. Keeps their online accounts from being compromised.	One email address	Unlimited
 VPN (Wi-Fi Protection)	Allows the user to browse the web securely and privately whenever they need it. Protects the user on public Wi-Fi hotspots with VPN, with automatic location selection only.	–	●
 Photo Vault	Locks the user's sensitive photos in an encrypted folder and secures them with a PIN, Touch ID, or Face ID, so that only the user has access to them.	40 Photos	Unlimited

What's new in 2023

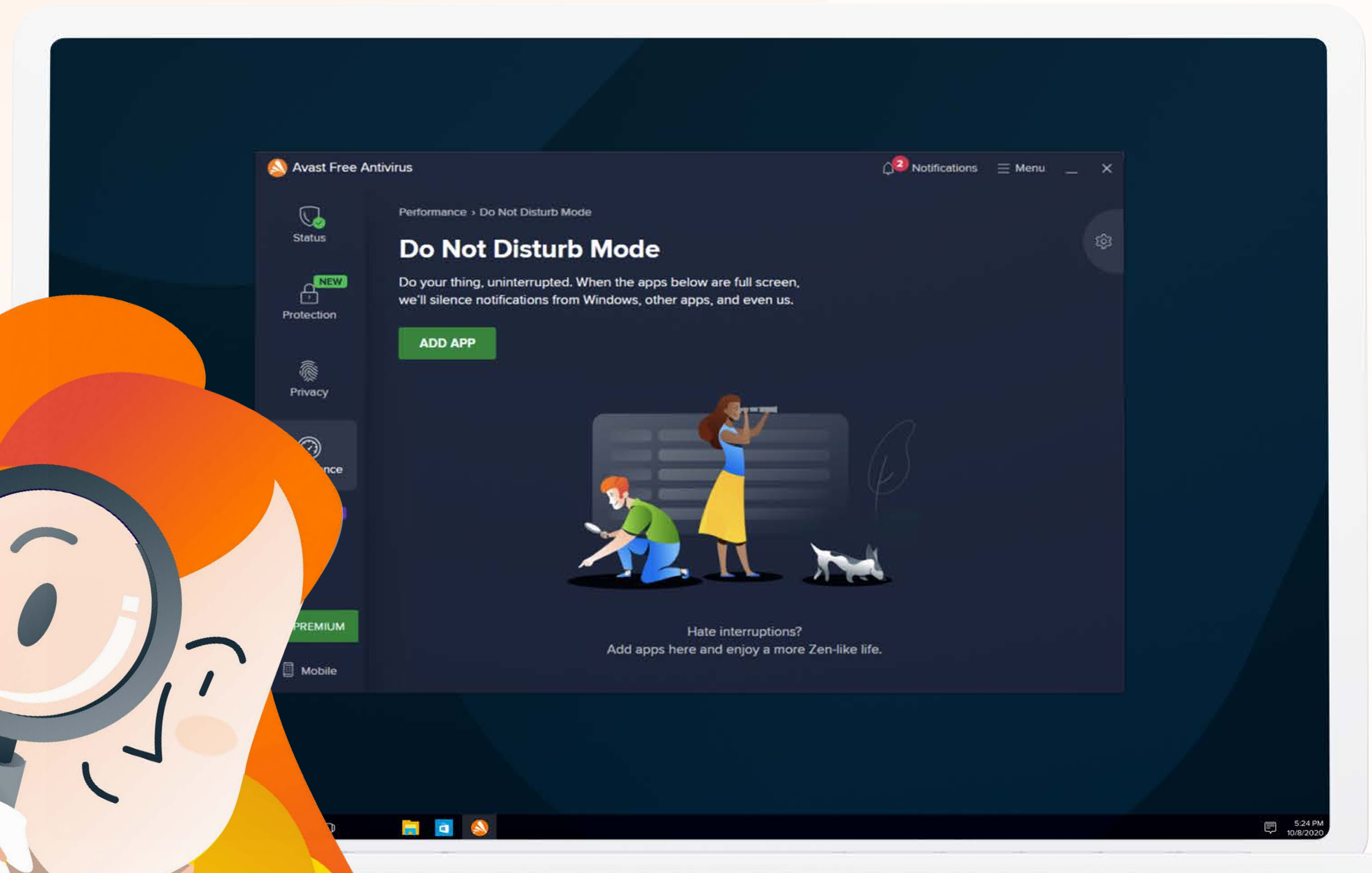


What's new in 2023

2022 has given us unprecedented change, both inside Avast, and across the globe. In response, we've focused even more on the security, privacy, and digital wellbeing of the world's digital citizens — wherever they connect, or whatever platform they use to connect.

Reacting to the evolving online threat landscape, both on and offline, we have implemented new features, updated and enhanced existing solutions, and improved the performance and accessibility of our services on every platform to keep the digital threats at bay.

With over 30 years of experience building and providing advanced digital security solutions, Avast has continued its focus on securing and protecting the digital lives of our hundreds of millions of users worldwide.



What's new

Avast has been working tirelessly to deliver on our security promise across all platforms from iOS to Windows computers. Specifically, we have provided more ways for users to stay ahead of hackers as they evolve their tools, techniques, and tactics.

In recent years, our internal data has identified several new and increasing security threats, including web-based attacks like scams and phishing — some of which have nearly doubled during 2022, according to data from Avast's Threat Intelligence team.

This increase in attacks (which happen online, rather than on the users' device) means we've developed features which help users stay safe as they use webmail, browse online, and interact with friends and contacts through messaging apps.

Our response has been focused on developing solutions that provide security for the customer, but without limiting their security to one type of device, app, or even to a device at all. Specifically, we've led with our new Email Guardian feature, which brings users' email security from their devices to the cloud, so they get the same protection for their inbox without being tied to a particular device, or browser / browser extension.

NEW Email Guardian

Email Guardian flags suspicious emails to identify malicious links; like those found in phishing scams or dangerous files, before they get to the user's inbox. Users can connect it with as few as four clicks, and they get advanced protection whenever they check their email, no matter where they log on, without having to download anything extra.

Email Guardian can be connected within Avast Premium Antivirus on the Windows or Mac platform, but delivers its benefits no matter where the user logs in. For example, a user enters their email in Avast's Windows Premium Security, securing their email account against malicious emails and attachments, the protection extends to their iPhone as well, even if there is no Avast antivirus installed on the phone. If they travel to a friend's house and borrow a device to check email, they are still protected. This security can be provided for up to five email addresses.

NEW Scam Protection

Hackers use various fraudulent methods and platforms to trick users with the goal of obtaining access to personal, sensitive data, or credentials. Phishing is often more targeted, and happens across many platforms, such as a fraudulent SMS from a delivery courier, or a malicious link sent through WhatsApp.

The all new Scam Protection proactively notifies users when receiving phishing messages from email, and SMS or messaging apps which represent a potential risk to the user if they go undetected.

NEW Real Site

Another means that hackers use to attack users is by rerouting their web traffic to websites that look real but are dangerous and believable fakes. In security terms, this is called "DNS Hijacking", where "DNS" is the part of the communications process that is hijacked. This malware is driven by hackers exploiting vulnerabilities in a user's router and surreptitiously redirects them away from their intended destination, such as their bank's website. When the user tries to log in, thieves capture the user's login details and then uses them to access the real site.

Making sure the user visits the real site is crucial to maintain security for the end user. Avast's Real Site feature encrypts the traffic between an Avast-protected device and Avast's DNS server, to ensure users access the right sites.



Avast Security

For PC



Recent awards won by Avast Free Antivirus

Avast antivirus products consistently receive high protection scores from third-party testing labs such as SE Labs, AV-Comparatives, and AV-TEST.



AV-Comparatives, September 2022
Malware Protection Test: 3 stars



AV-Test, Mac OS Monterey June 2022
"AV-Test Certified"



AV-Comparatives, 2022
Anti-Phishing Certification: Approved



AV-Test, Android July 2022
"AV-Test Certified"



AV-Comparatives, November 2022
Mac Security Test & Review: Approved



SE Labs, Oct - Dec 2021
Home Anti-Malware Protection Test: AAA



AV-Comparatives, October 2022
Mobile Security Free (Android): Approved



SE Labs, Jan-March 2022
Endpoint Security Home Test: AAA



Virus Bulletin, August 2022
VB100 Certified



AV-Comparatives, November 2022
Real World Protection test



SE Labs, Apr-Jun 2022
Endpoint Security Home Test: AAA



AV-Test, Windows December 2022
Top Product



Avast Free Antivirus for PC

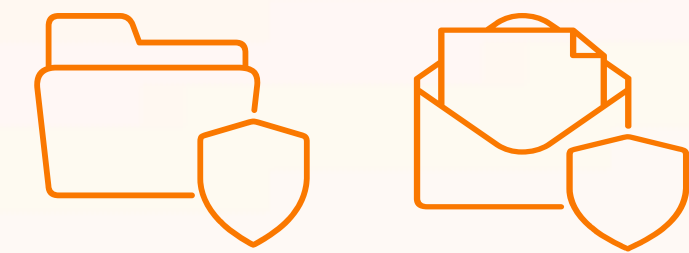
PROTECTION

Core Shields

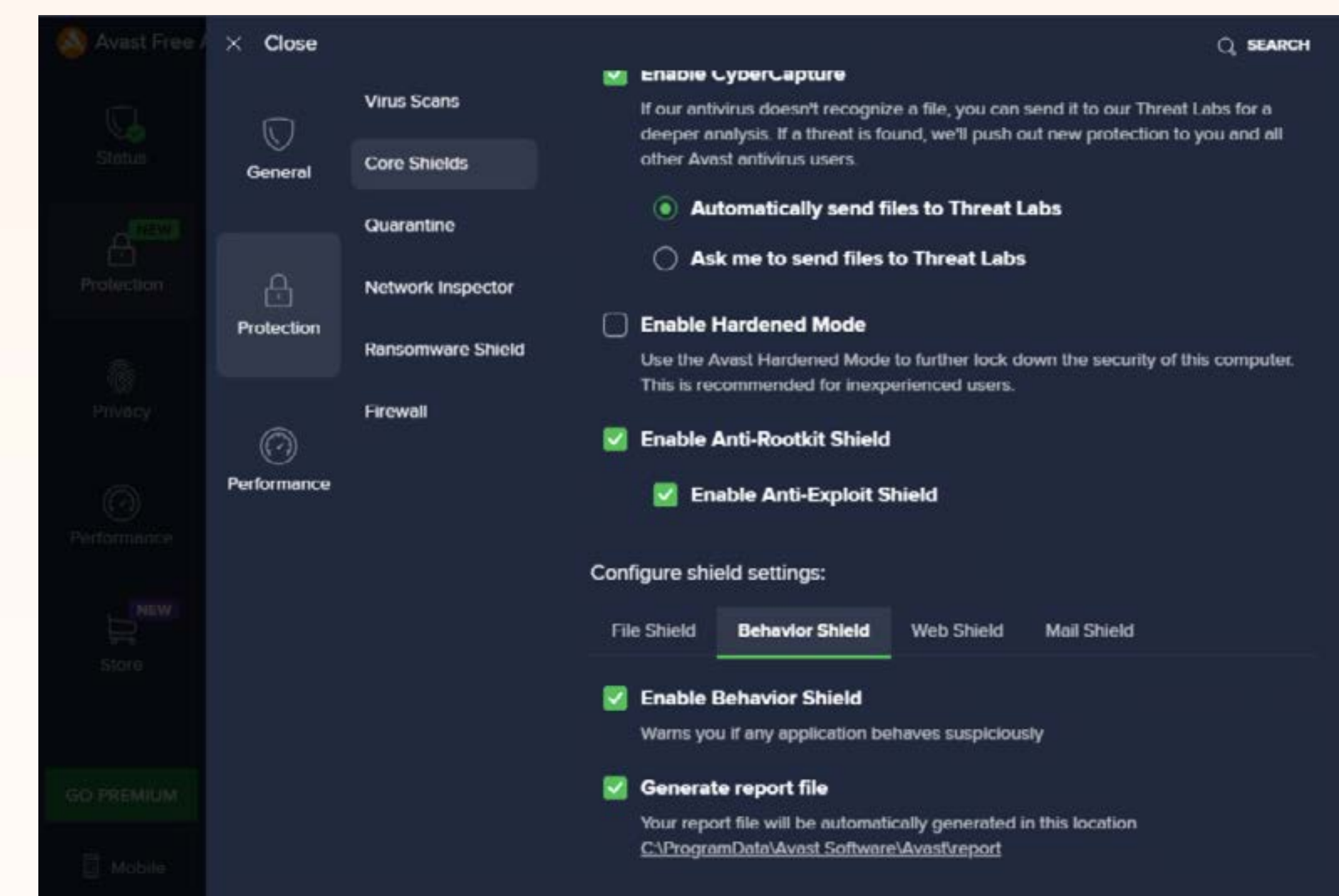


Avast Antivirus' core shields include Web Shield, File Shield, and Behavior Shield.

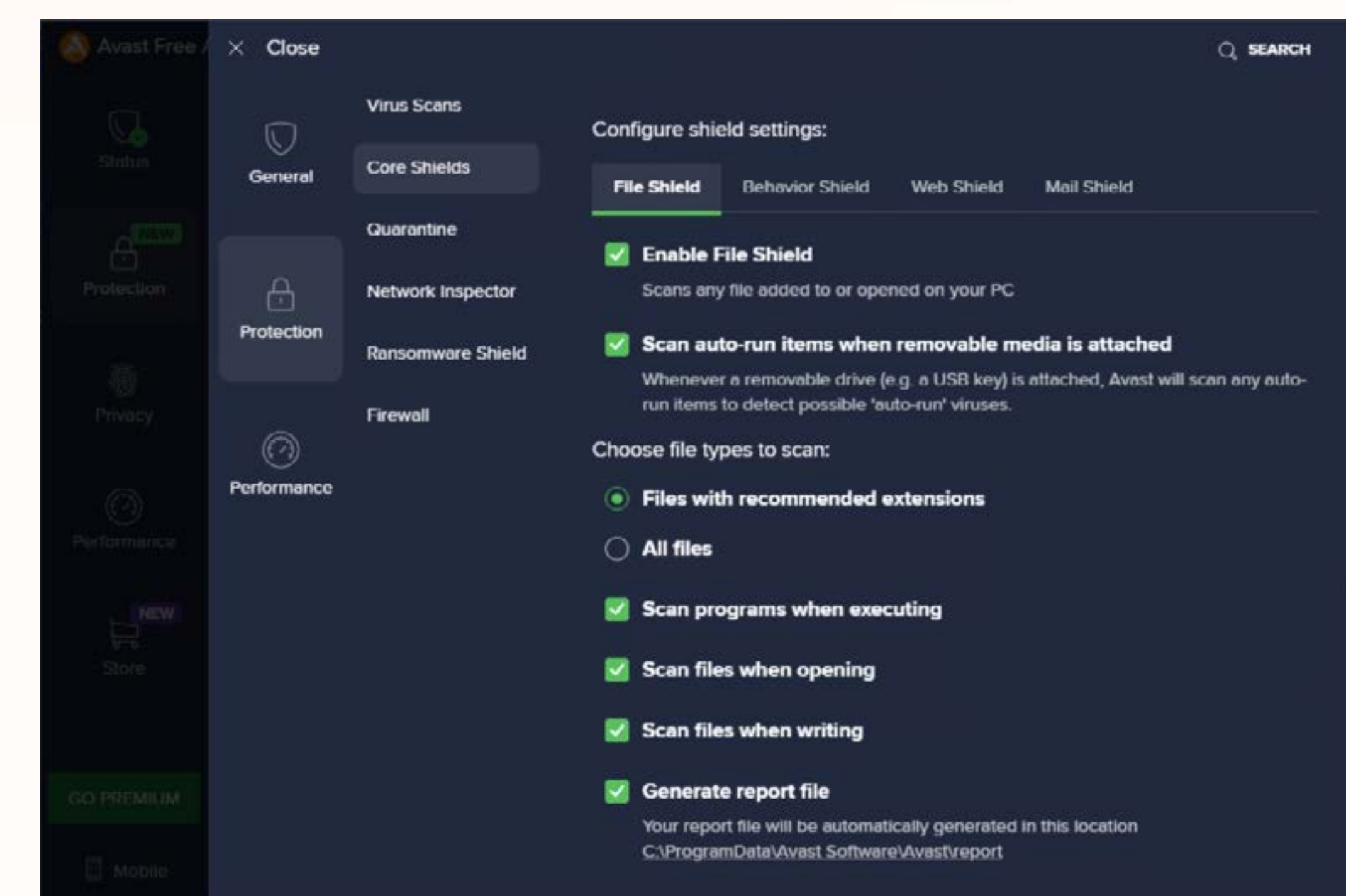
File and Mail Shield



File Shield and Mail Shield protect essential — and often vulnerable — parts of PCs. Mail Shield scans emails received in users' installed inboxes to ensure they are free of malicious attachments, while File Shield quickly scans files that are launched on a PC to ensure they are free of any malware.



From Main dashboard → Protection → Core Shields. Tick the box next to Enable Behavior Shield



From Main dashboard → Protection → Core Shields → File Shield

CyberCapture



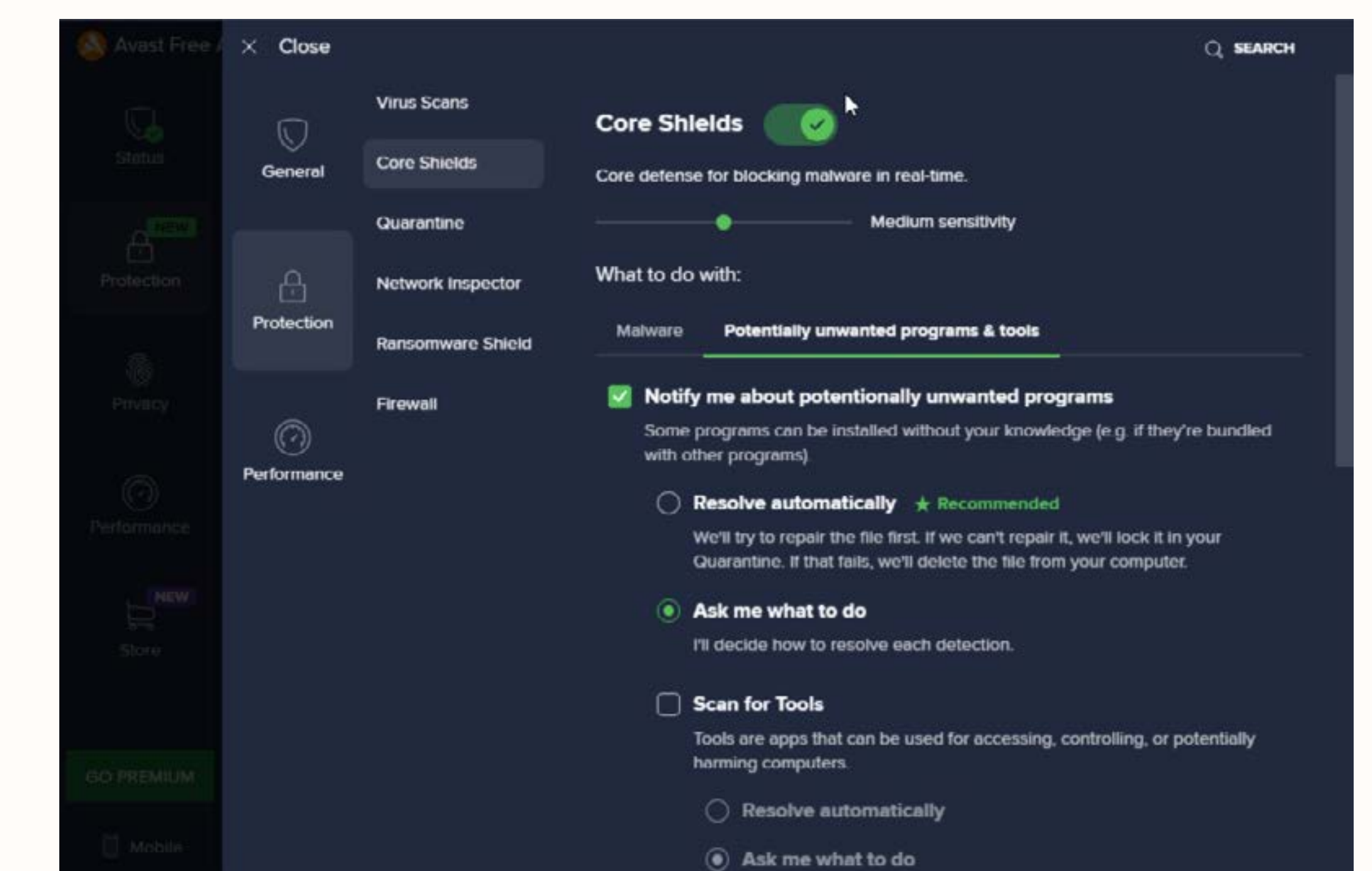
As a part of File Shield, CyberCapture is a cloud-based smart file scanner that provides real time protection by detecting unrecognized files. Rather than relying on the latest definition updates, CyberCapture isolates unknown files in a safe environment and automatically establishes a two-way communication channel with the Avast Threat Labs. In an ever-evolving threat landscape, this important feature allows for deep analysis through Avast's threat analysts, providing a first response line of defense against new, never before reported threats. To analyze a file in

CyberCapture, Avast uses many automated systems (including code emulation and machine learning) together with manual analyst work. A decision is made on the basis of a summary of all the obtained information and once a file has been analyzed, the user is informed whether the file is safe or dangerous. Additionally Avast's network of 400+ million users around the globe help Avast to detect and neutralize threats as soon as they emerge.

Web Shield



As more and more online services are moving to HTTPS by default, or even HTTPS-exclusive, hackers are increasingly targeting these sites. Web Shield scans HTTPS sites for malware and other dangers, also Avast's unique solution, to maintain CPU's performance verifies website certificates rather than replacing them with Avast's own. In other words, Web Shield checks HTTPS sites, without disrupting users' browsing experience, and blocks the access if a malicious website is detected. HTTPS scanning detects and decrypts TLS/ SSL-protected traffic. Additionally, this feature adds compatibility for SPDY+HTTPS/ HTTP 2.0 and QUIC traffic.



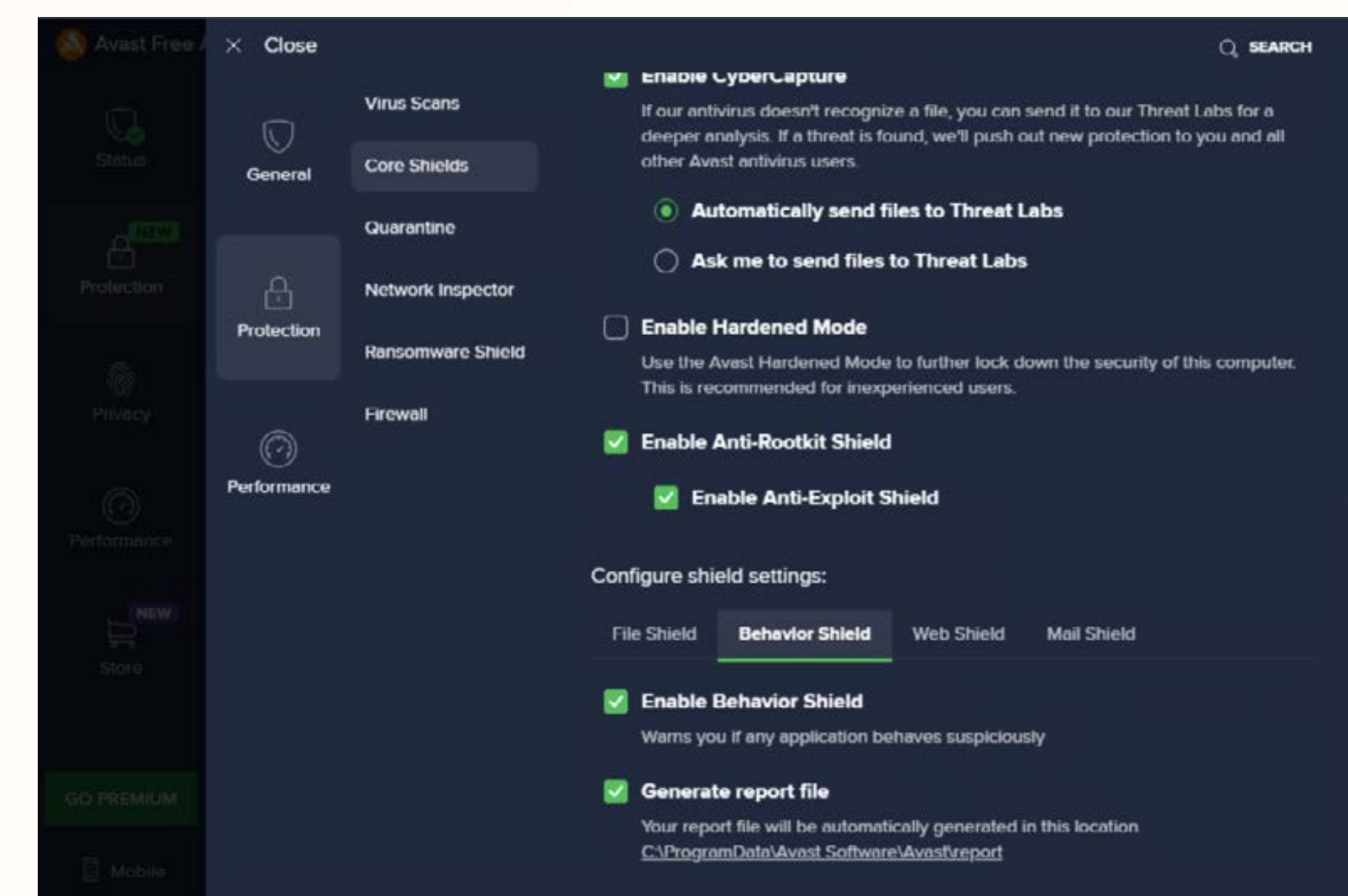
From Main dashboard → Protection → Core Shields

Avast Free Antivirus for PC

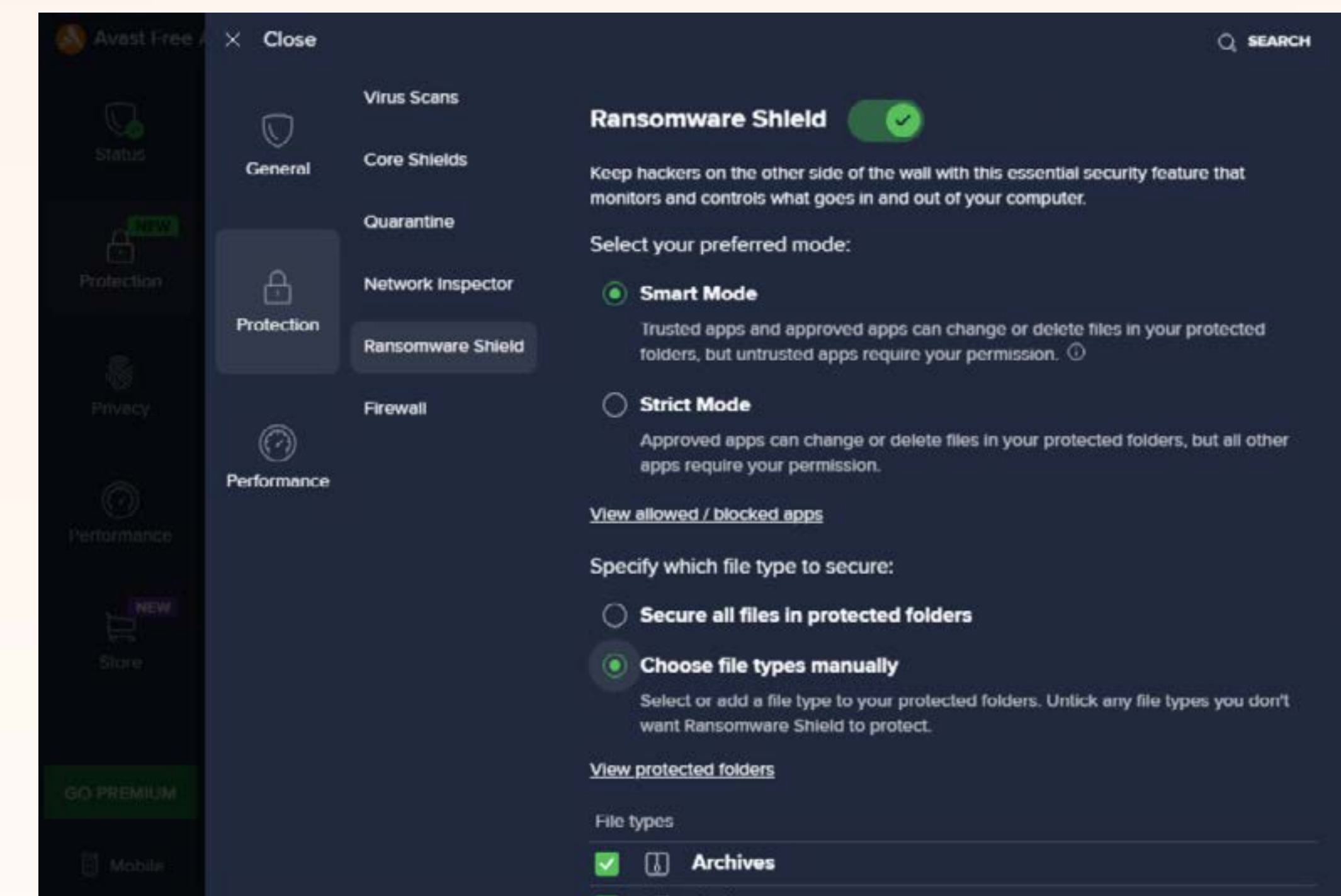
PROTECTION

Behavior Shield

Behavior Shield monitors all the programs that are currently running on a PC, and carefully observes their behavior. Behavior Shield does not 'watch' what the user is doing, only what the software itself is trying to accomplish. If it notices something that is uncharacteristic for that program type (for example, a PDF reader program trying to download something from the web), Behavior Shield is triggered, stops the action, and reports the behavior to the user — preventing malicious programming from becoming deeply entrenched in a PC. Any undiscovered threats will then be reported and added to Avast's ever-expanding threat database. Users can authorize programs they trust and Behavior Shield will leave these unsupervised. Information on trusted programs is fed into Avast's extensive cloud base.



From Main dashboard → Protection → Core Shield → Behavior Shield



From Main dashboard → Protection → Ransomware Shield

Ransomware Shield

Ransomware Shield goes a step further than the Core Shields by giving users an additional layer of ransomware security. Ransomware Shield stops both ransomware and untrusted apps from changing, deleting, or encrypting personal photos and files in protected folders by scanning and automatically securing folders which may contain personal data. Ransomware Shield allows the user to specify which other folders to protect from untrusted applications as well as which applications are allowed to modify the files in folders and which are always blocked.

Stream Updates

While we do much of our heavy lifting in the cloud, we continue to keep our antivirus current with regular

definition updates. This is especially important when users find themselves offline. Avast sends more than 400 micro-updates per day — approximately one every six minutes — and have expanded the types of signatures provided over streaming updates and manually created signatures, along with TrojanGen/EvoGen, URL blocks, and whitelist signatures. In short, we're delivering near real-time signature updates to protect against the newest emerging malware.

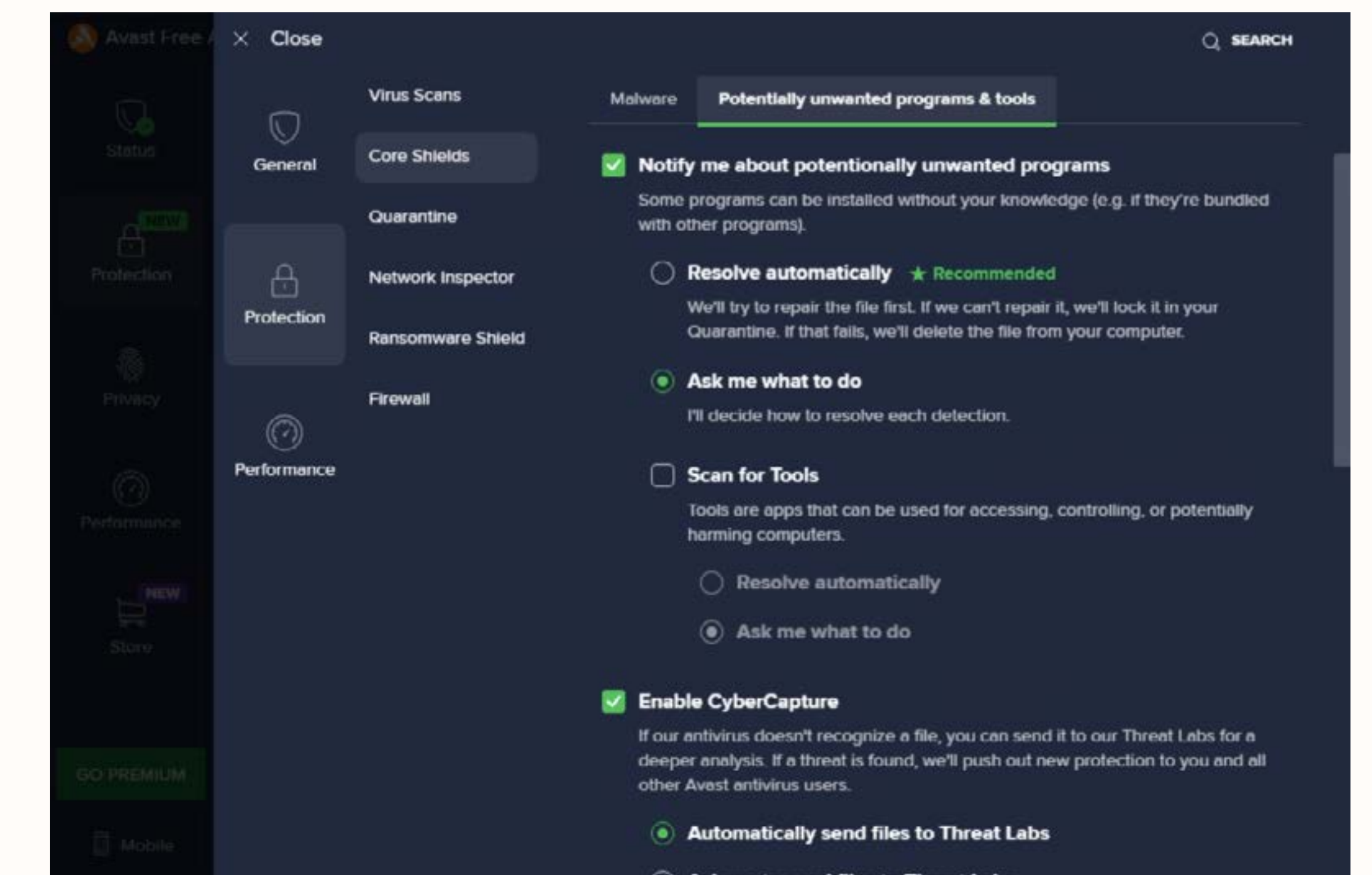
Botnet Protection

Botnet protection protects devices against malware that allows hackers to control it and turn it into part of a bot network. Bot networks can be used to carry out illegal or malicious tasks including sending spam, stealing data, distributing ransomware, committing fraud, or DDoS attacks. It prevents a PC from being hijacked and made part of a botnet, or a group of devices that have been infected with malware and have subsequently come under the control of a bad actor.

PUPs & PUAs

Improved detection categories

Avast has improved PUP (Potentially Unwanted Programs) and PUA (Potentially Unwanted Apps) detection. These often come bundled with other apps, so PUP detection has been enabled by default. The users who do not wish to block PUPs



From Main dashboard → Protection → Core Shield → PUPs & PUAs

by default can turn the feature off by opening the Avast setting screen. Dialog information has improved significantly to add new detection types, descriptions, and new category tools (Coinminer, Injector, Joke) which are divided from PUPs (bundlers, extensions, and more.)

Bank Mode

Bank Mode provides a virtual desktop, which acts as a clean, safe, virtual PC within a user's physical PC. The Bank Mode virtual desktop protects the user against the injection of malicious scripts, keystroke logging, and screenshot attempts by third-party apps. Avast recommends using Bank Mode each time a user wants to access a banking website or pay online.

Bank Mode is available by downloading [Avast Secure Browser](#)

Avast Free Antivirus for PC

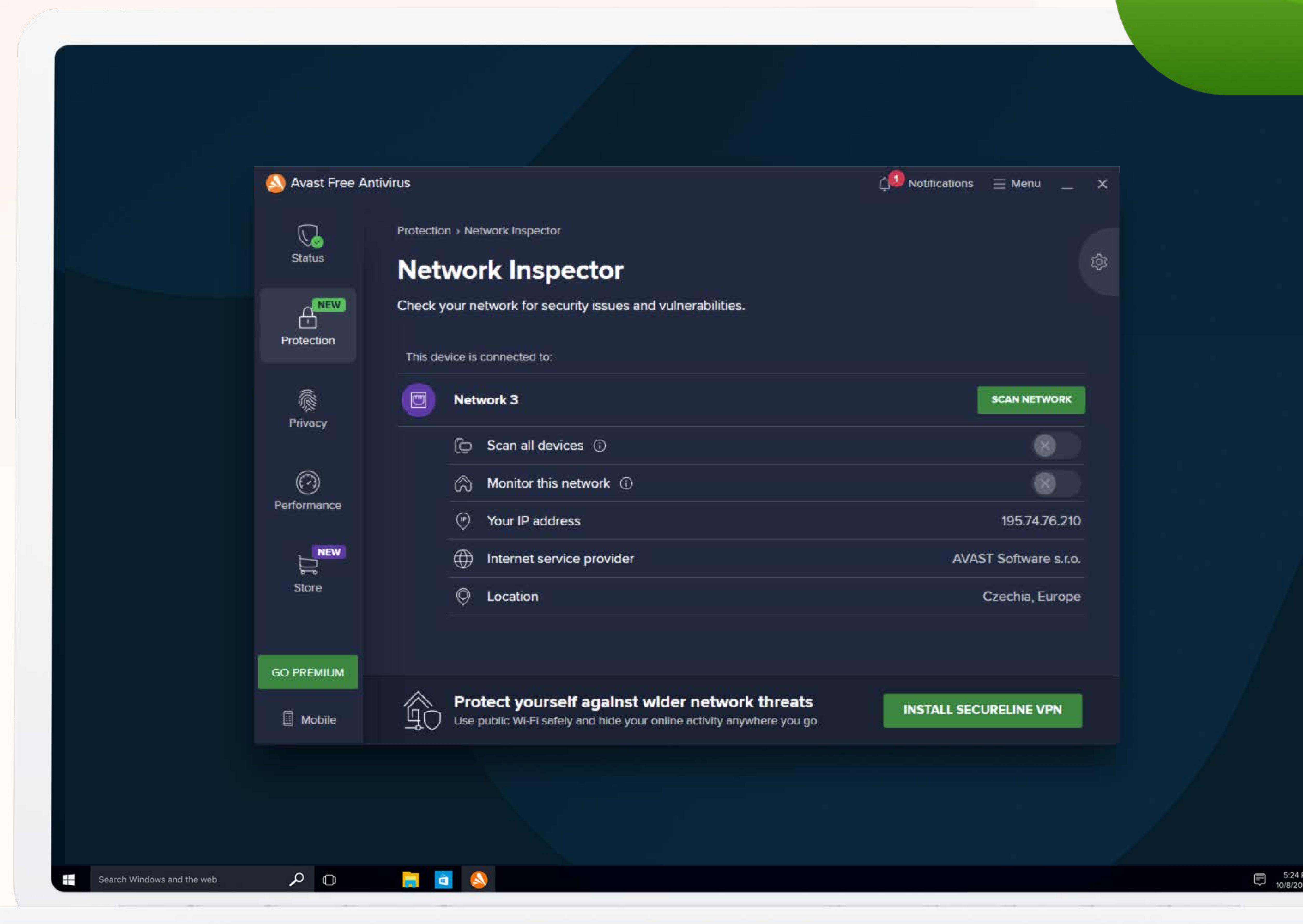
SMART HOME PROTECTION

Network Inspector



In the age of connected devices, Wi-Fi Inspector provides protection for a smart home by identifying weak passwords, vulnerable routers, compromised internet connections, and enabled, but not protected IPv6. By listing all the devices on the network, users are notified when new devices join the watched network so users can make sure that only trusted devices are connected. If an issue is found, Avast will offer solutions for how to fix it to keep users safe on both public and private networks.

From Main dashboard → Protection → Wi-Fi Inspector



Avast Free Antivirus for PC

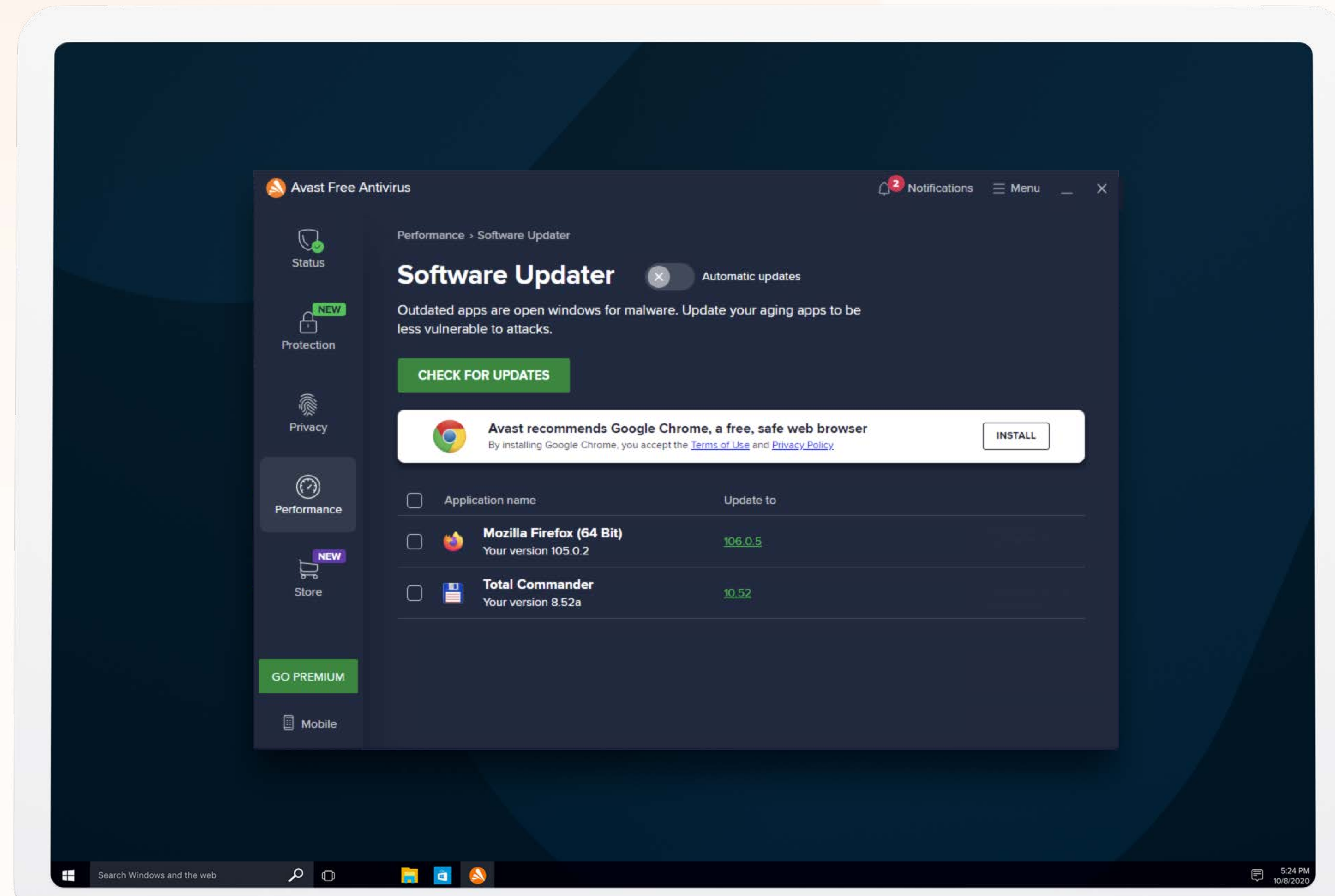
PROTECTION

Software Updater



Software updates can be a real hassle as they interrupt work and disrupt system functions. Because they can be so annoying, many users postpone installing them, which leaves their devices vulnerable. Many PC users are not aware that cybercriminals take advantage of vulnerabilities in outdated, commonly used software. Software Updater helps users update their software and apps by listing all the out-of-date programs and applications on the device.

From Main dashboard → Performance → Software Updater



Avast Free Antivirus for PC

PRIVACY



Avast Secure Browser

Based on Chromium, Avast Secure Browser is packed with useful, state-of-the-art tools and services. Features include Adblock (to make browsing the web faster and safer), Bank Mode (for secure banking), and Anti-Phishing (to stay safe from malicious downloads and websites). Avast Secure Browser's Security & Privacy Center gives users complete control over their online privacy and security.

Hack Alerts

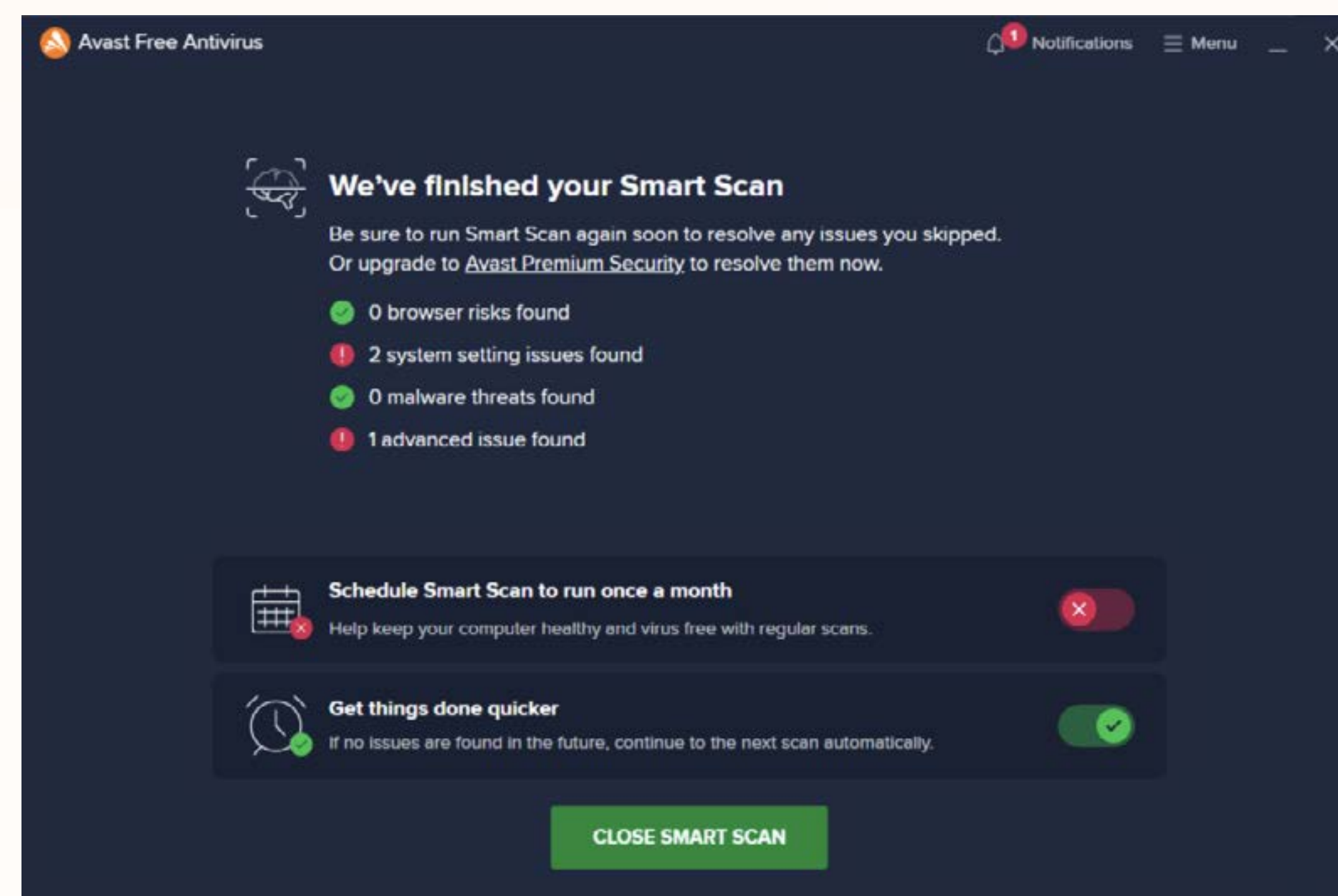
Hack Alerts checks for leaked passwords on demand and monitors all accounts linked to a user's email address for future breaches, immediately alerting them if those passwords ever leak online. If users are notified on time of a breach, they can rapidly secure their accounts and data and prevent most of the issues that accompany a data breach.

Avast Free Antivirus for PC

USABILITY

Smart Scan

Smart Scan lets users scan many issues with just a click and makes it easy to discover features that could further improve their PC. To speed up the scanning process, Smart Scan combines scans for viruses, software updates, new features, and performance issues into one concentrated scan. Once completed, it shows the itemized results and if there are any issues, offers tools and suggestions to fix them. Smart Scan is lightweight and has been improved so that it now requires the user to take fewer steps, allows for parallel scanning, and can be scheduled by the user.

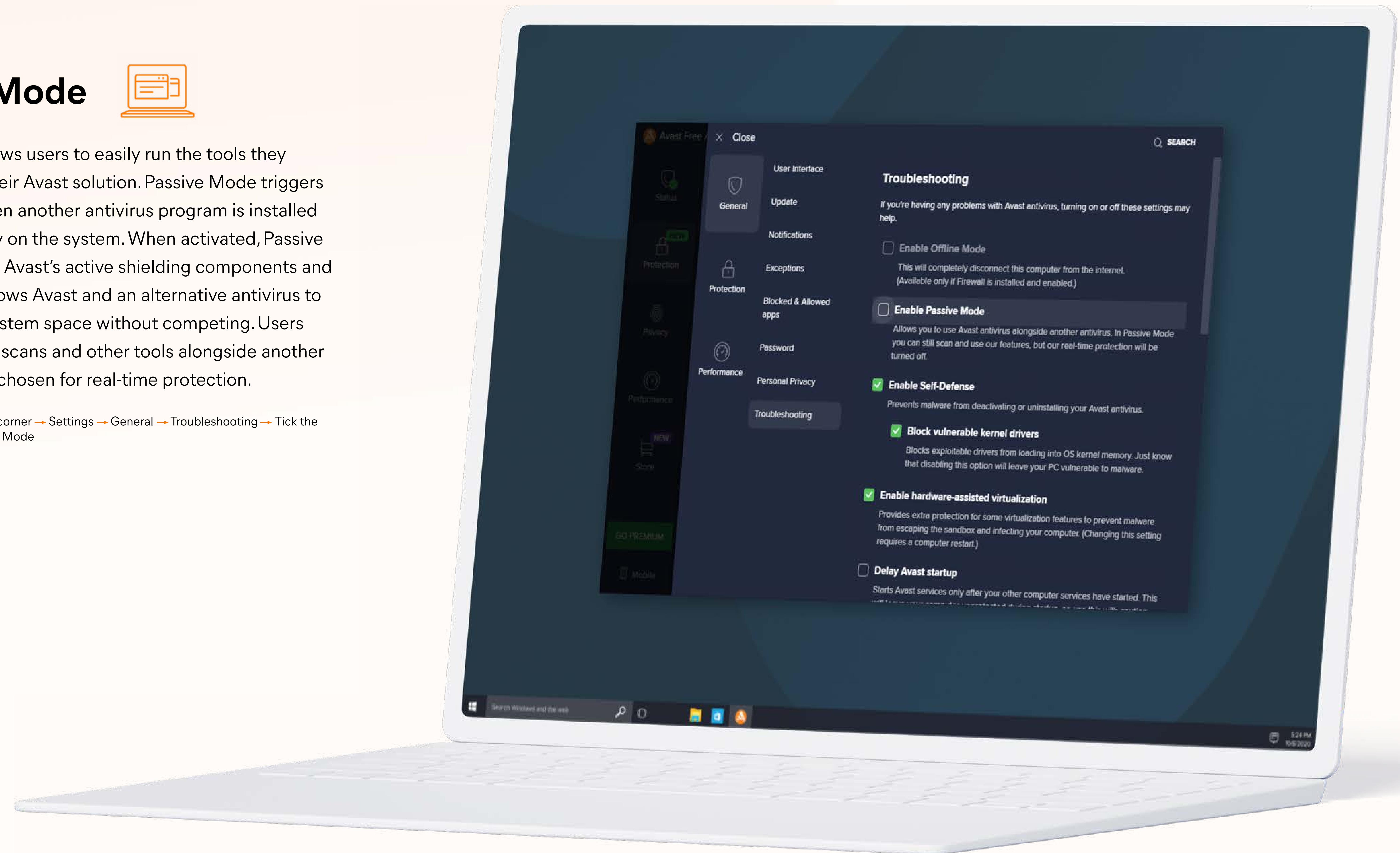


From Main dashboard → Protection → Virus Scans → Click Run Smart Scan

Passive Mode

Passive Mode allows users to easily run the tools they want alongside their Avast solution. Passive Mode triggers automatically when another antivirus program is installed with Avast already on the system. When activated, Passive Mode shuts down Avast's active shielding components and Firewall, which allows Avast and an alternative antivirus to share the same system space without competing. Users can utilize Avast's scans and other tools alongside another antivirus solution chosen for real-time protection.

From Menu in upper right corner → Settings → General → Troubleshooting → Tick the box next to Enable Passive Mode

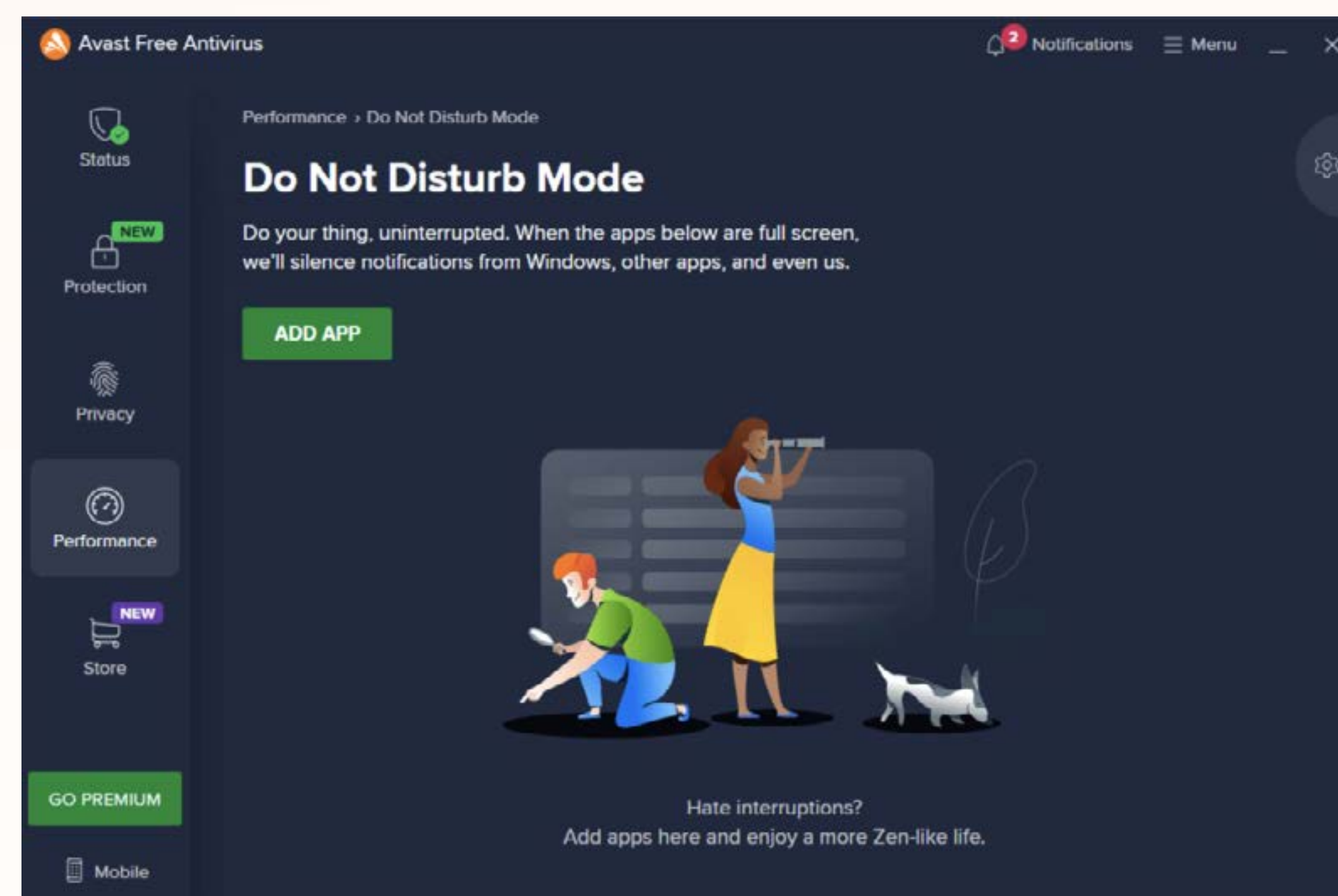


Avast Free Antivirus for PC

USABILITY

Do Not Disturb Mode

Do Not Disturb Mode silences notifications while users are running an app in full screen. Windows notifications, popups from other apps, and even Avast antivirus notifications are all blocked to keep distractions at bay. This feature works with nearly any app running in full screen, such as gaming, presenting, or watching movies.



From Main dashboard → Performance → Do Not Disturb Mode

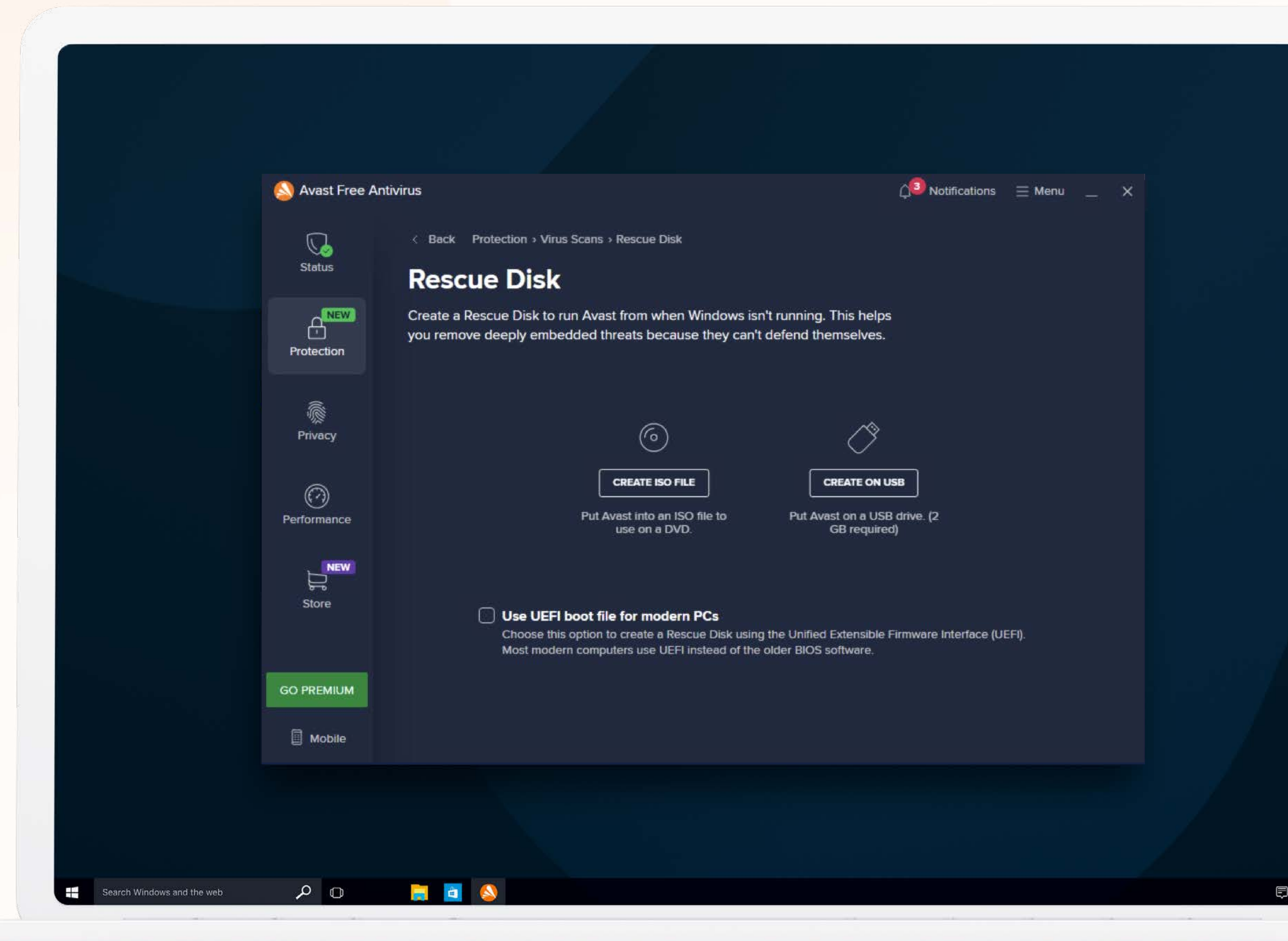
My Statistics

My Statistics allows users to get insight with personalized security reports that show all the most important numbers and statistics for the past 30 days, and for the total period they've been using the app.

Rescue Disk

People can lose days of time and chunks of saved data while trying to purge malware from their systems. To smooth out this process, Rescue Disk allows users to create a version of their Avast installation and save it to a USB or CD. This way, if a user's PC becomes so infected that it can't even run Avast properly, the user has the disk version ready to give their PC a clean reboot and restore its functionality. Rescue Disk is built on Windows PE (a pre-installation environment), which allows users to boot a PC even when there's no functioning OS. The Rescue Disk function is available with all Avast products.

From Main dashboard → Protection → Virus Scan → Rescue Disk



Avast Premium Security for PC

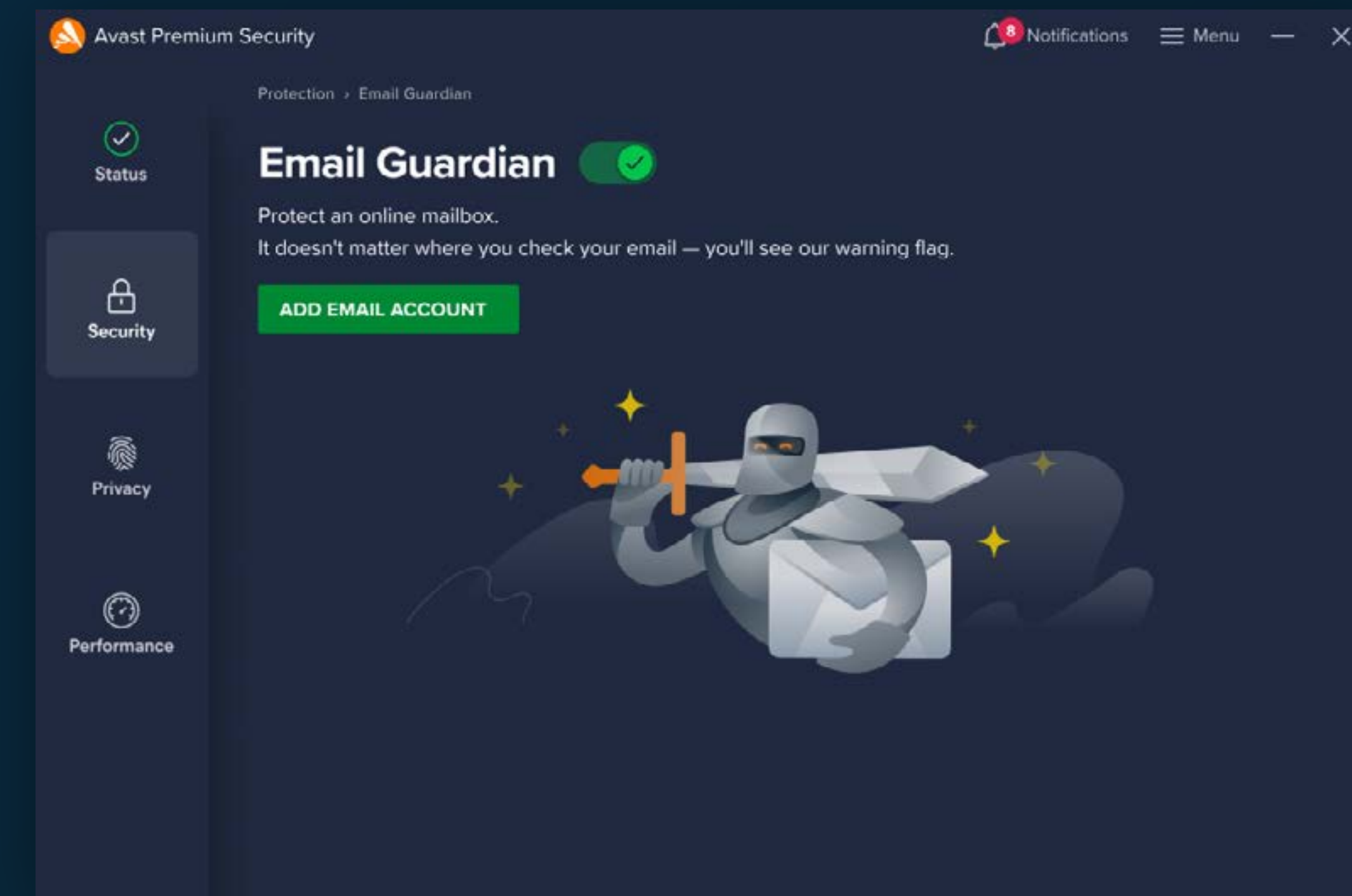
PROTECTION

In addition to all the Avast Free Antivirus features, Avast Premium Security also includes:

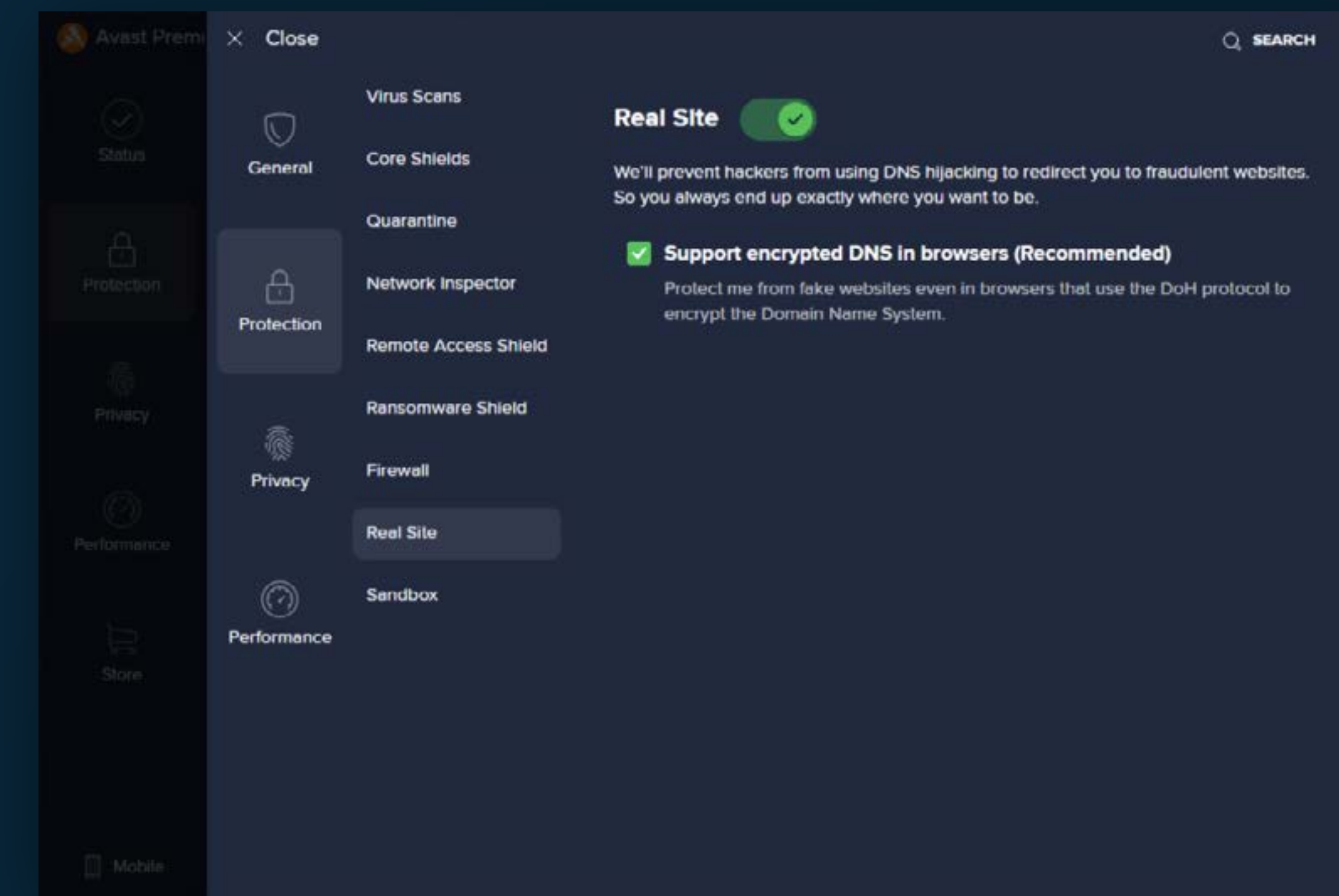
Email Guardian



Email Guardian protects users' favorite email accounts online, flagging suspicious emails to identify malicious links (like those found in phishing scams or dangerous files), before they get to a user's inbox. Users can connect it with as few as four clicks, and they get advanced protection whenever they check their email — no matter where they log on — without having to download anything extra.



From Main dashboard → Protection → Email Guardian



From Main dashboard → Protection → Real Site

Real Site

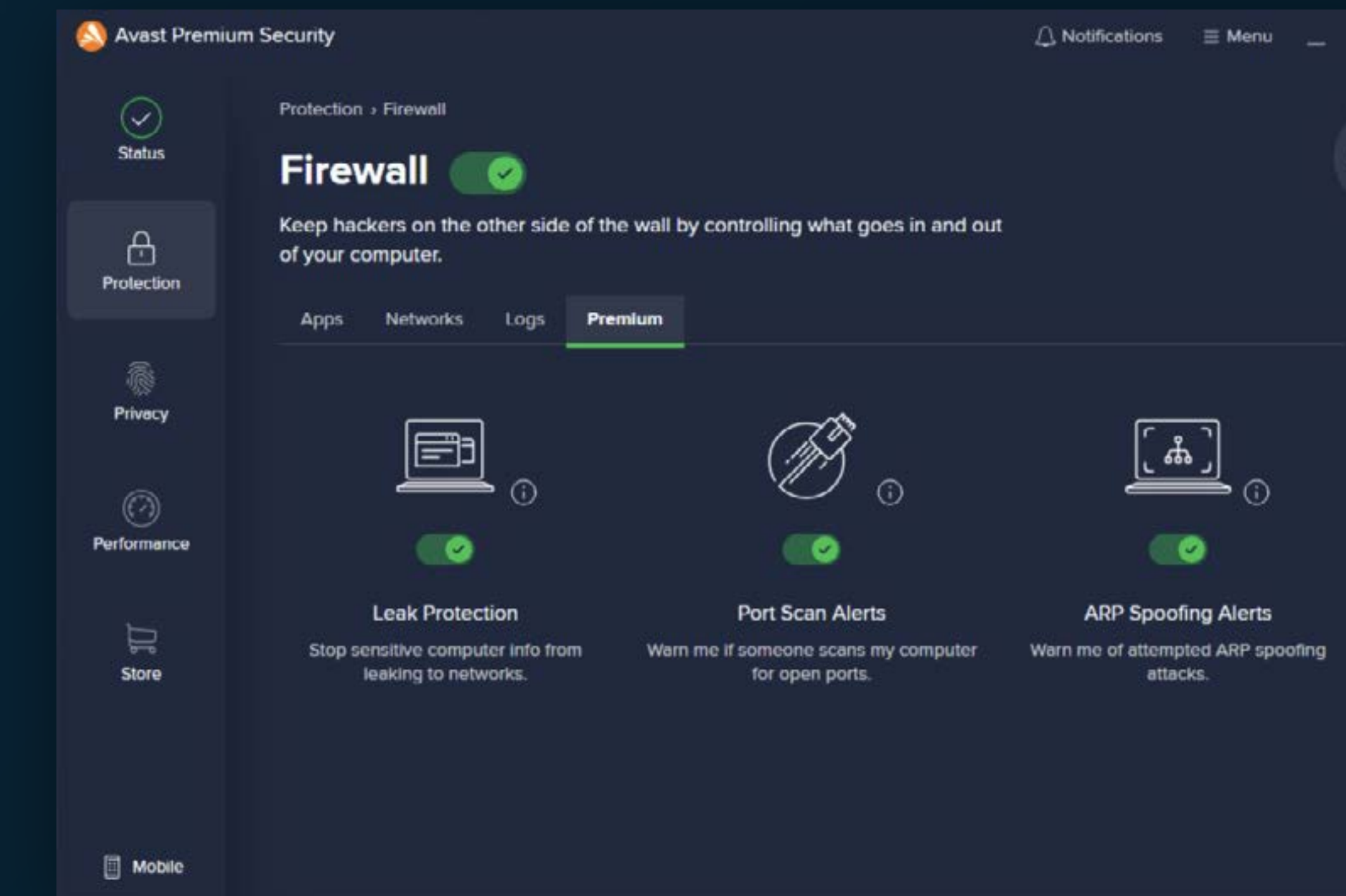


One of the biggest risks that online users face is DNS hijacking. Malware exploits vulnerabilities in a user's router and surreptitiously redirects them away from their intended destination, such as their bank's website, to a fake site that looks just like the real thing. When the user tries to log in, thieves capture the user's login details and then use them to access the real site. Real Site encrypts the traffic between an Avast-protected device and Avast's DNS server, to ensure users access the right sites.

Advanced Firewall



Advanced Firewall offers strong outbound protection and configurability, while remaining invisible to the user. When set to 'Public Network' mode, Advanced Firewall protects the user's privacy by blocking all incoming connections from the network, preventing sensitive data leaks and traffic stealing attacks.



From Main dashboard → Protection → Firewall



Avast Premium Security for PC

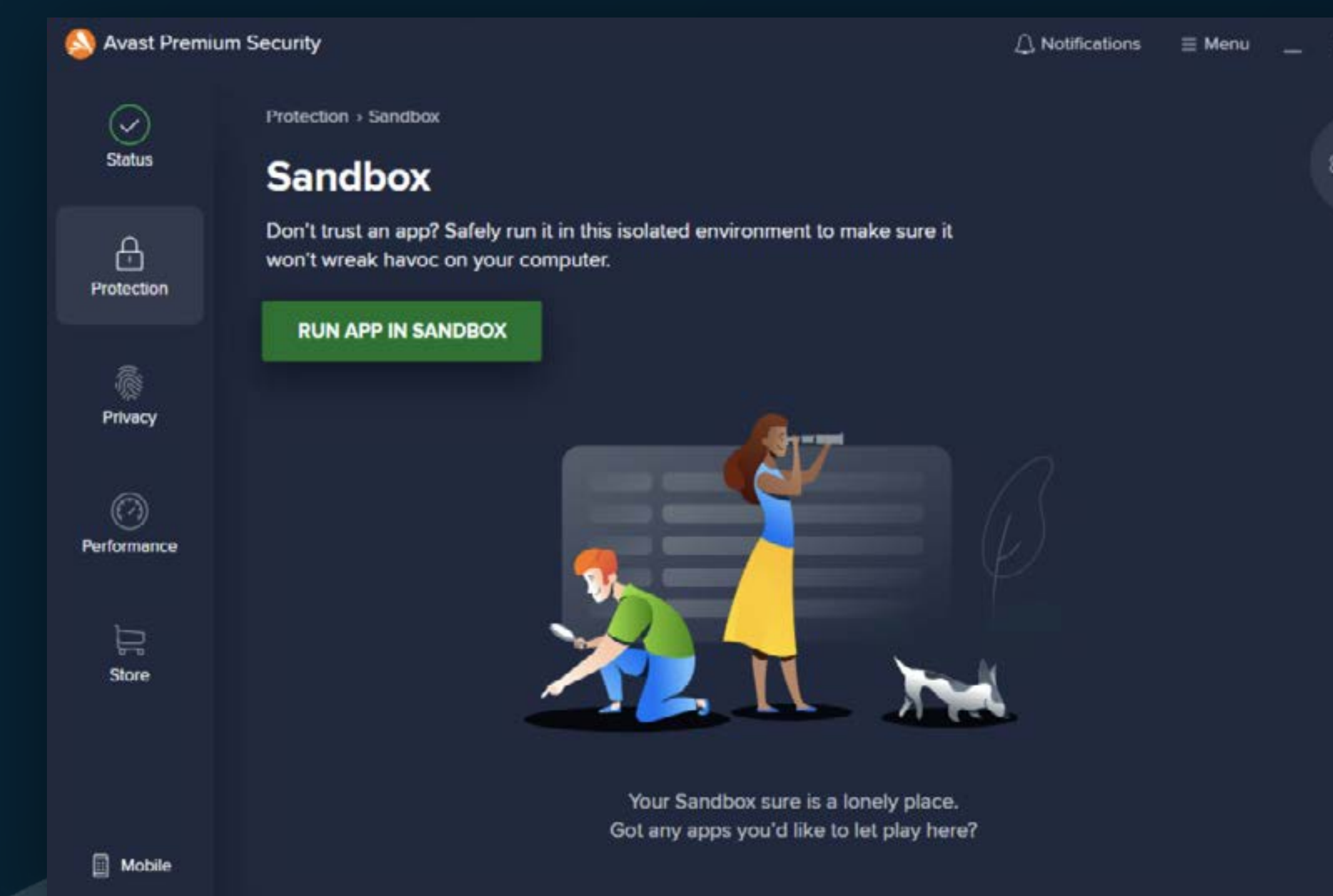
PROTECTION

In addition to all the Avast Free Antivirus features, Avast Premium Security also includes:

Sandbox



Sandbox is a virtual space that allows users to run suspicious files or untrusted applications safely, separated from the rest of their PC's system. Sandbox can run individual files with just a click and can continue to run them for as long as the user sees fit. Any changes made by the executable, or within the executable, are not saved once Sandbox is closed.



From Main dashboard → Protection → Sandbox

Remote Access Shield



Remote Access Shield allows a user to control which IP addresses are allowed to connect remotely to the user's PC and blocks all unauthorized connection attempts. This is specifically important, as in recent years, Avast has monitored a rise in attacks specifically designed to exploit Remote Desktop Protocol (RDP) in order to execute widespread ransomware attacks. With millions of workers around the world using RDP daily to remotely access their business network, this tool has become a strong cyber-attack vector, and Remote Access Shield is there to prevent such attacks.

From Main dashboard → Protection → Remote Access Shield

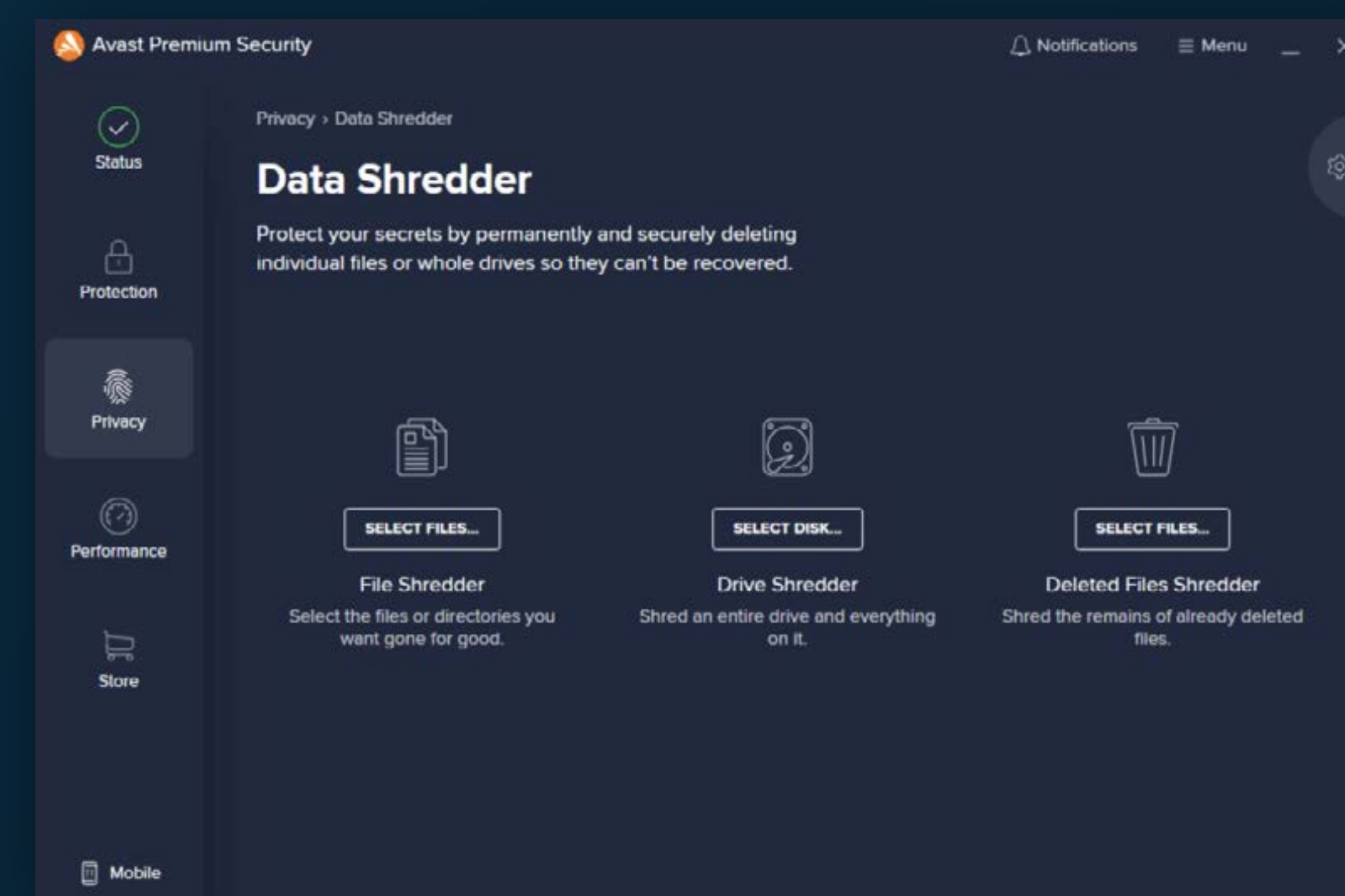
Avast Premium Security for PC

PRIVACY

Data Shredder



Data Shredder encrypts deleted data so even if it's recovered, no one can extract anything from the files. When users delete a file, the space is made available again, but it's still possible to restore the deleted file. To avoid this, the free space needs to be rewritten with new data. That is what Data Shredder does — it writes in random data in that space. To be absolutely sure data cannot be restored, multiple bit patterns are used to overwrite the original data.



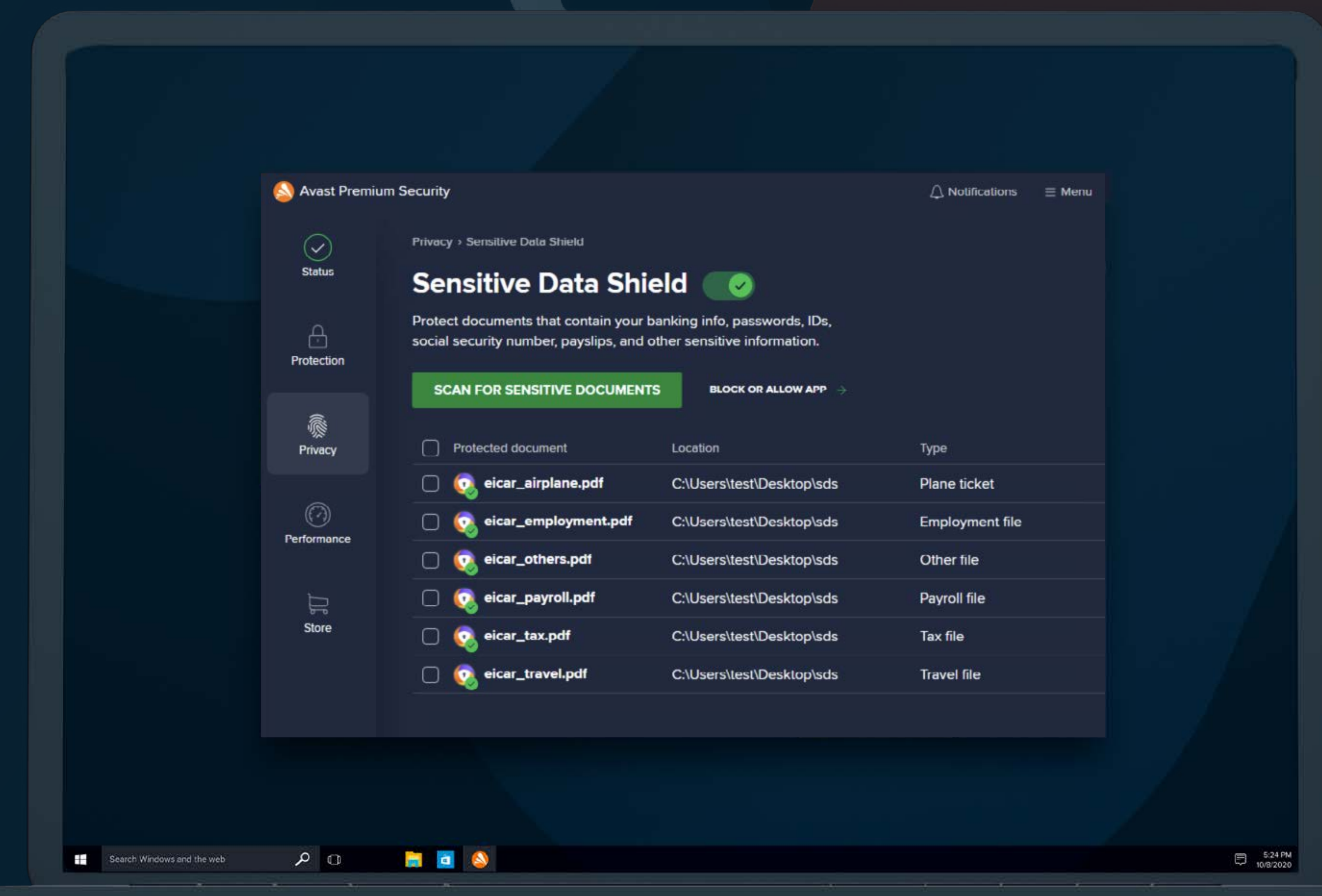
From Main dashboard → Privacy → Data Shredder

Sensitive Data Shield



Sensitive Data Shield provides an extra layer of spyware protection, beyond what the free antivirus offers. Using advanced algorithms, it scans computers for documents containing names, addresses, phone numbers, and other data it thinks users would want to keep private. If it finds any, it will offer to seal them off from unknown apps and spyware. There's no need for users to move files or hide them in a secret folder, either. Sensitive Data Shield keeps everything right where users left them and protects it all automatically. With Sensitive Data Shield, only trusted apps (e.g., Adobe Reader, Microsoft Word, etc.) can access or copy private documents. Anything else is automatically blocked — unless approved by the user.

From Main dashboard → Privacy → Sensitive Data Shield



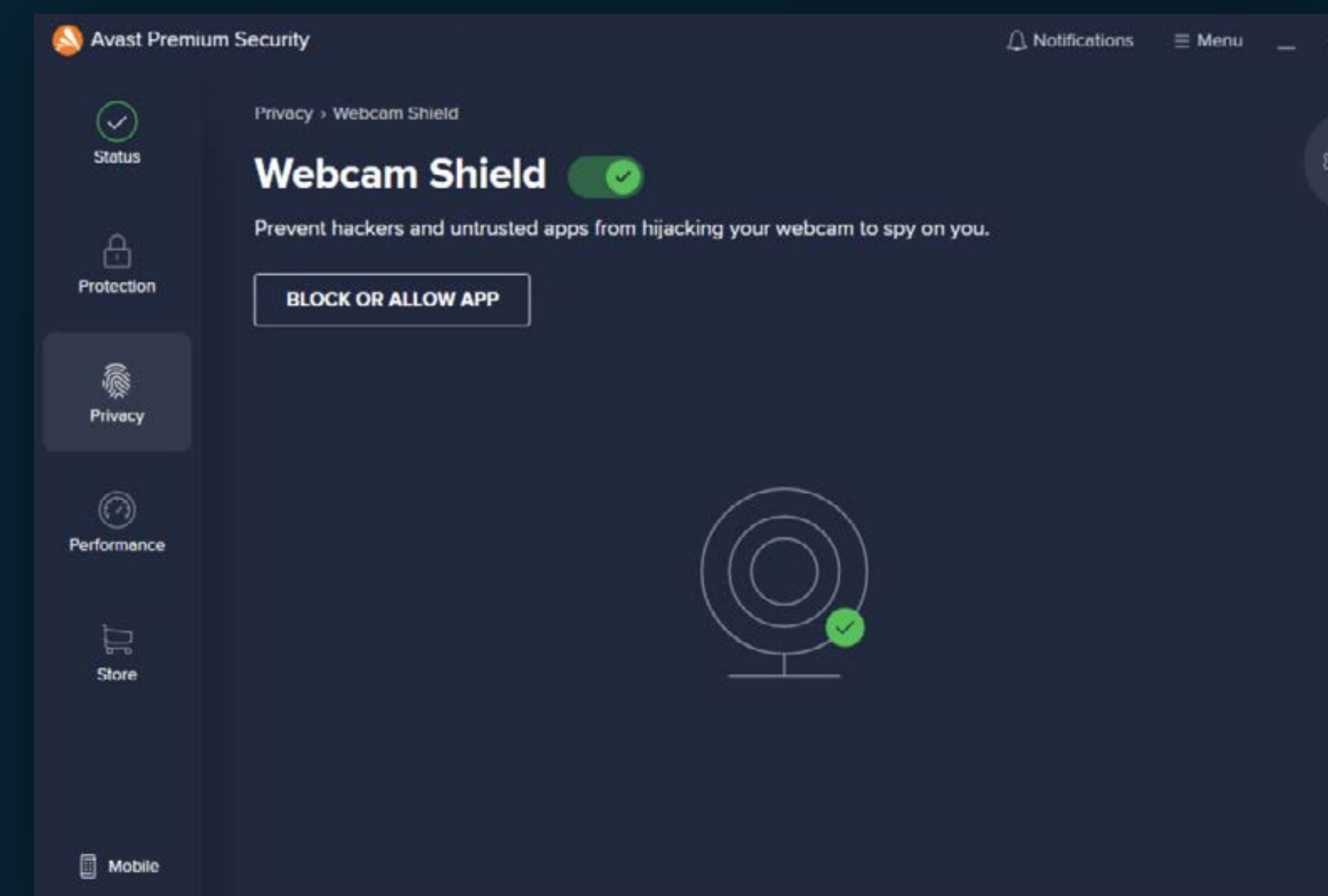
Avast Premium Security for PC

PRIVACY

Webcam Shield



Webcam Shield blocks untrusted apps from hijacking the webcam to spy on users and their family. When selected in settings, Webcam Shield can ensure that all apps, regardless of whether they are malicious or not, ask for permission before accessing the webcam.



From Main dashboard → Privacy → Webcam Shield

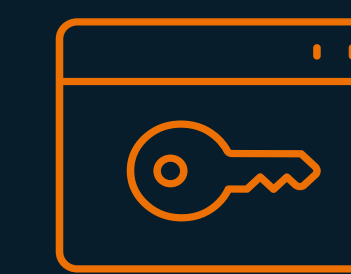
Automatic Software Updater



Updates can be downloaded and installed automatically and unobtrusively, through Avast's system servers, so as to not disturb system functions.

From Main dashboard → Performance → Software Updater → Automatic Updates → Tick off the OFF slider so that it changes to ON

Password Protection



Browsers are not secure vaults and passwords stored in them are vulnerable to theft. Password Protection prevents applications and malware from viewing, changing, or deleting passwords and logins that are saved in Google Chrome, Mozilla Firefox, Edge and Avast Safe Browser. Only the trusted browsers are allowed to access the passwords. Users can choose whether to be asked when an unknown application attempts to access the passwords or silently block the application.

Avast Security

For Mac



Avast Security for Mac (Free)

PROTECTION

Core Shields



Avast's three shields, Web, Email, and File, work together in real time to prevent malware from infecting Macs. All shields are enabled by default and users can adjust or disable any shield from the program's preferences. Avast Security uses kernel or system extensions, depending on the MacOS version, to protect and secure a user's Mac, and to enable it, a user has to allow them in MacOS system preferences. (MacOS requires user approval before loading newly installed third party extensions).

From Main dashboard → Core Shields

Web Shield



Web Shield scans websites for malware and other dangers to block threats before they are downloaded to a Mac.

Mail Shield

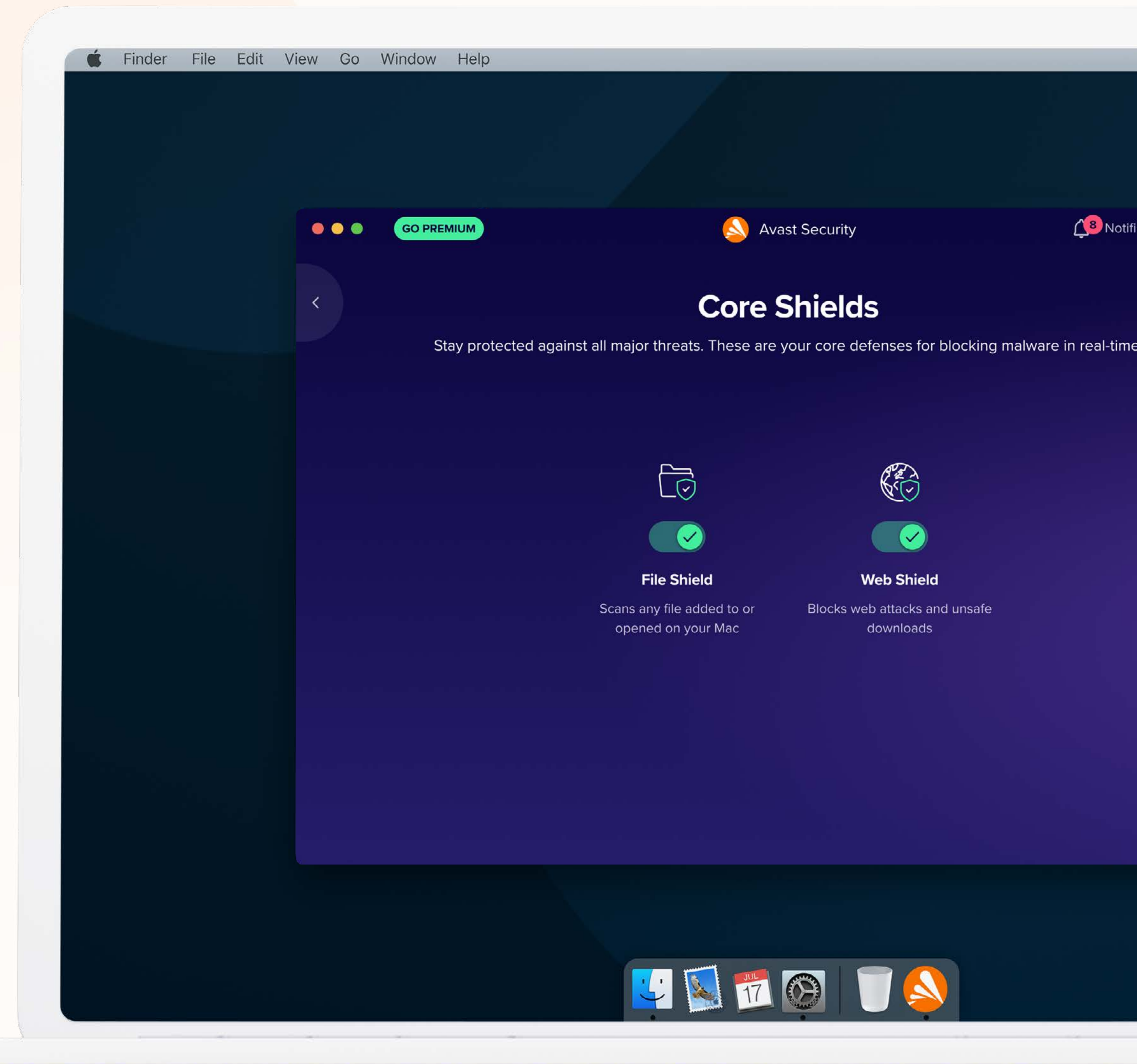


Mail Shield scans emails received in an inbox to ensure they are free of malicious attachments, and even prevents users from sending malicious attachments to others. This feature only works on mailboxes installed on devices, not through the web browser.

File Shield



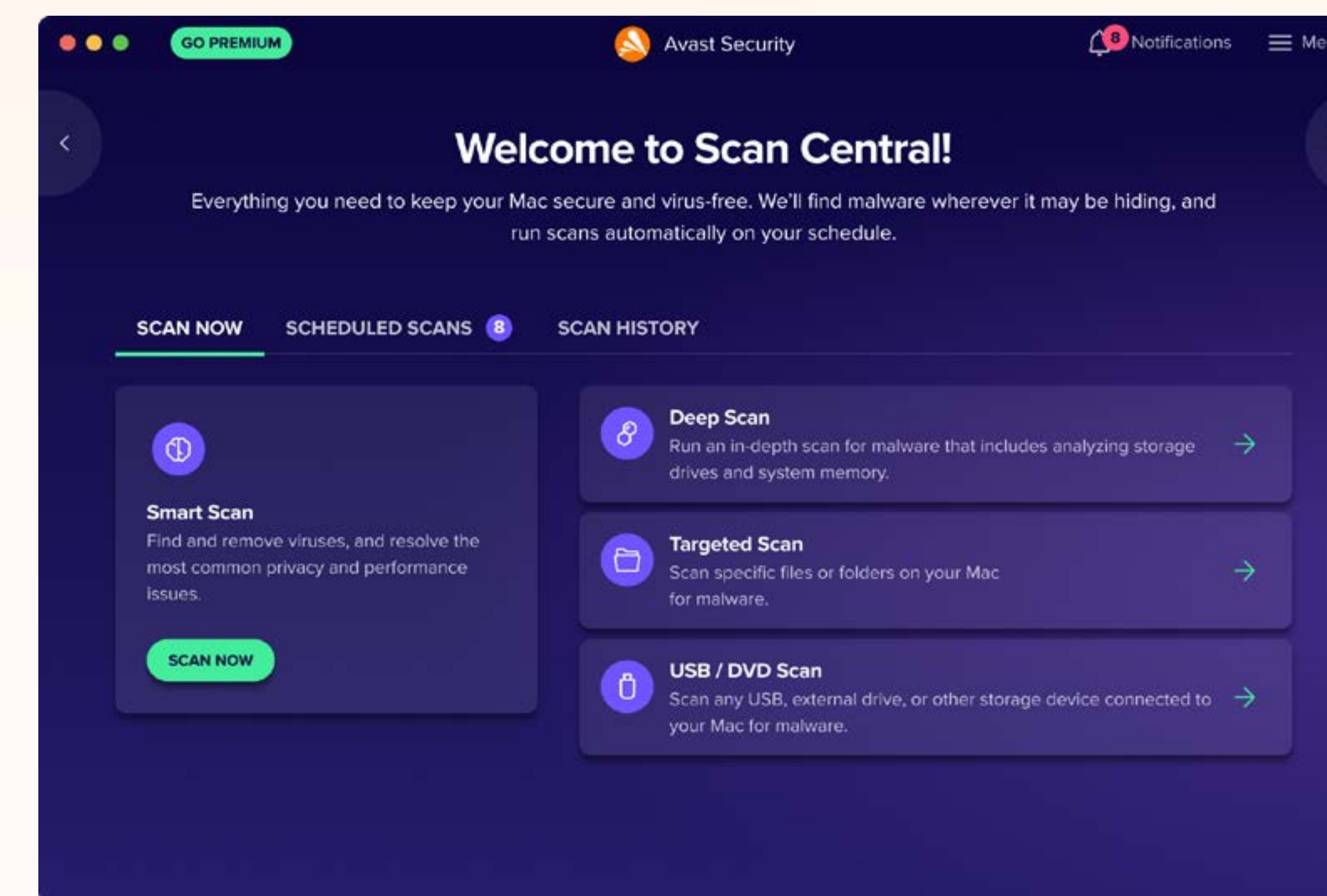
File Shield instantly scans any file launched on a Mac to ensure it's free of any recognizable malware.



Avast Security for Mac (Free)

PROTECTION

Scans



From Main dashboard → Click the search icon next to "Run Smart Scan"

Custom Scan

A scheduled custom scan is the perfect solution for keeping the user's device protected without affecting their day. The users can choose exactly when a scan should run e.g at night or non-busy hours, by opening the Custom scan category from the left-hand navigation and then clicking on Scan Now. Users can also choose the type of scan they'd like, when it should first launch, and how frequently it should scan.

Targeted Scan

Targeted Scan scans specific folders or files the user chooses.

Deep Scan

Deep Scan performs an in-depth, full system scan of a user's Mac.

USB/DVD Scan

USB/DVD Scan scans any mounted removable volumes such as USB and DVD drives. In preferences, the user can specify if they would like to be informed via a popup message when a new USB/DVD is connected to the computer and a scan is run through that message.

PUA/PUP Detection

PUP (Potentially Unwanted Programs) and PUA (Potentially Unwanted Apps) often come bundled with other apps, and PUP detection has been enabled by default. The users who do not wish to block PUPs by default can turn the feature off by opening the Avast setting screen. Dialog information has improved significantly to add new detection types, descriptions, and new category tools (Coinminer, Injector, Joke) which are divided from PUPs (bundlers, extensions, and more).

Online Security

Online Security warns the user of unsafe websites, blocks intrusive ad tracking, and safely redirects them to correct sites if a website address is mistyped. Available as an optional browser extension.

Avast Security for Mac (Free)

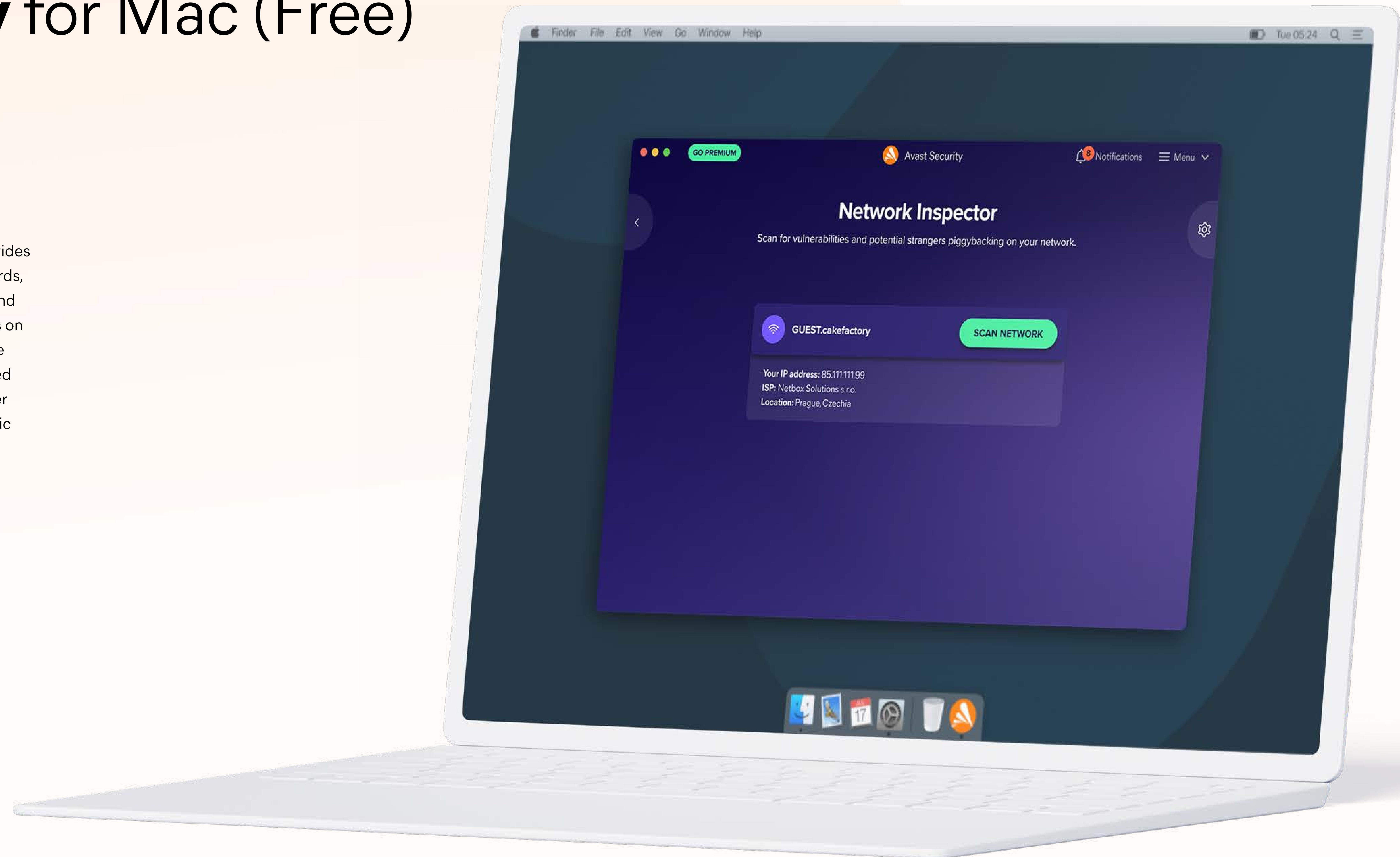
SMART HOME PROTECTION

Network Inspector



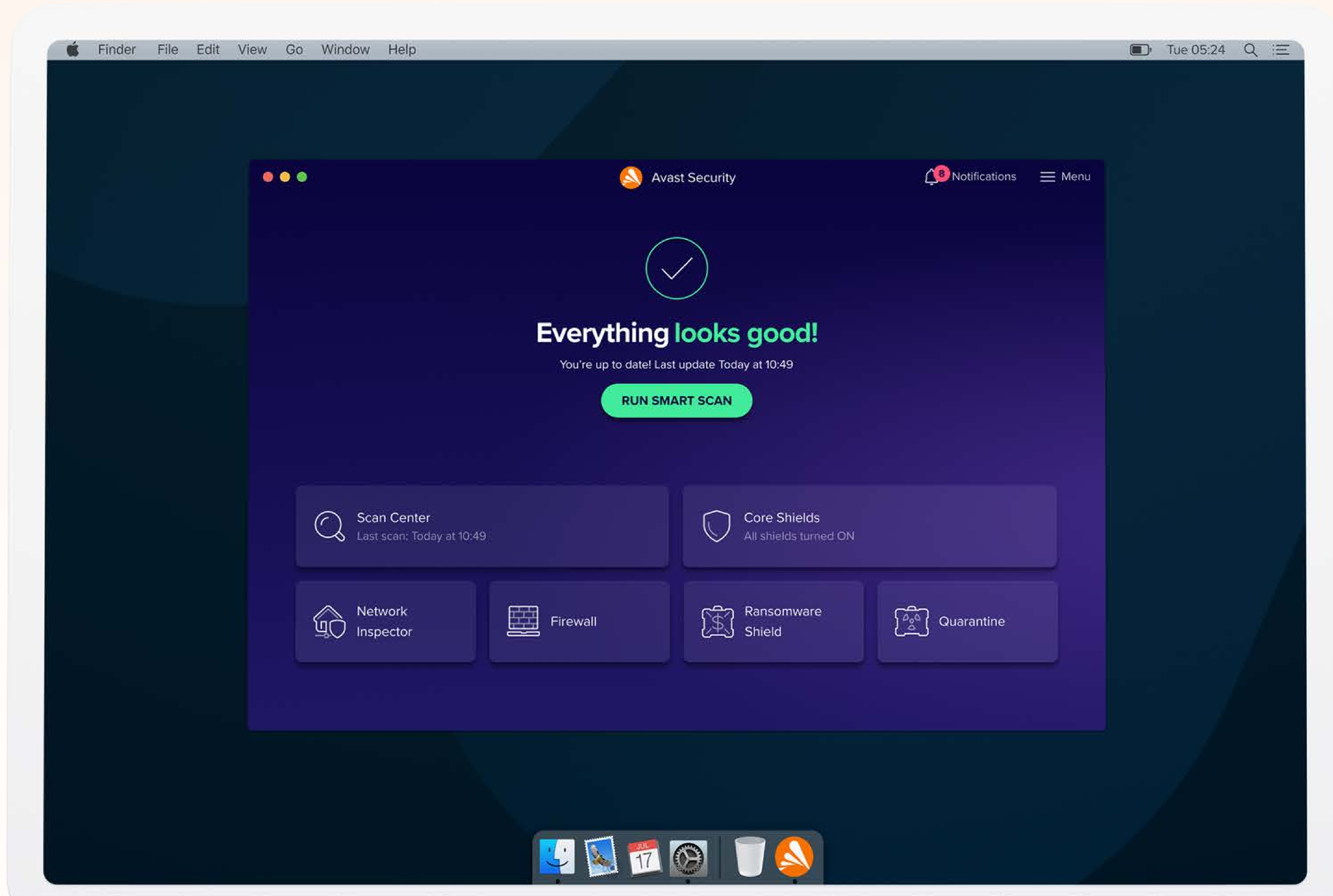
In the age of connected devices, Network Inspector provides protection for a smart home by identifying weak passwords, vulnerable routers, compromised internet connections, and enabled, but not protected IPv6. By listing all the devices on the network, users are notified by new devices joining the watched network so users can make sure that only trusted devices are connected. If an issue is found, Avast will offer solutions for how to fix it to keep users safe on both public and private networks.

From Main dashboard → Wi-Fi Inspector



Avast Security for Mac (Free)

USABILITY



My Statistics



My Statistics allows users to get insight with personalized security reports that show all the most important numbers and statistics for the past 30 days, and for the total period they've been using the app.

Do Not Disturb Mode



Do Not Disturb Mode prevent background programs and apps from disturbing the user when viewing something in full screen, by automatically blocking interruptions and popups.

From Main dashboard → Performance → Do Not Disturb Mode

Avast Premium Security for Mac

PROTECTION

In addition to all the Avast Security for Mac (Free) features, Avast Premium Security for Mac also includes:

Email Guardian

Email Guardian protects users' favorite email accounts online, flagging suspicious emails to identify malicious links (like those found in phishing scams or dangerous files), before they get to a user's inbox. Users can connect it with as few as four clicks, and they get advanced protection whenever they check their email — no matter where they log on — without having to download anything extra.

Wi-Fi Intruders

Wi-Fi Intruders instantly alerts the user when someone joins their Wi-Fi network. This helps keep hackers out and stops neighbors from bringing their network to a crawl with any unwelcome video streaming.

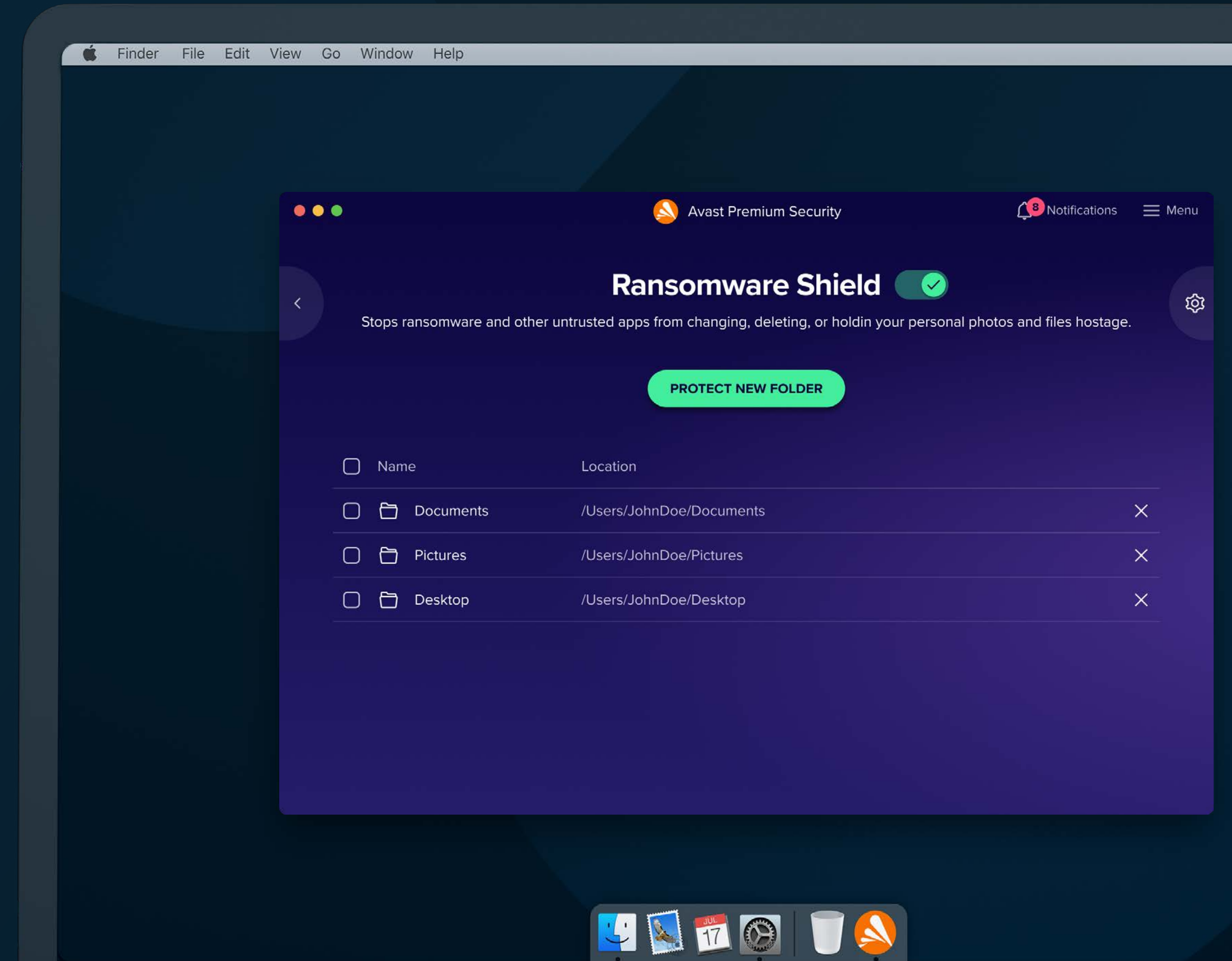
Ransomware Shield

Avast Security for Mac already stops ransomware thanks to its included shield technologies (Email, File, Web), but Avast Premium Security for Mac goes a step further by providing an additional layer of ransomware security. Ransomware Shield stops both ransomware and untrusted apps from changing, deleting, or encrypting personal photos and files in protected folders. By default, Ransomware Shield protects the areas of a Mac most vulnerable to ransomware: documents and picture folders. But users are free to secure other folders too (system folders, network folders, and external drives are not currently supported).

From Main dashboard → Ransomware Shield

Real Site

Protects users against DNS hijacking. It ensures the displayed website is authentic, which is especially important for shopping or banking websites where the user is inputting sensitive payment information.



Avast Security

For Android



Avast Mobile Security for Android (Free)

PROTECTION

Antivirus



Avast Mobile Security checks thousands of applications from around the world, using both static and dynamic analysis to detect and protect Avast Mobile Security users from malicious applications. The static analysis checks the source code of programs for malicious features, while the dynamic analysis runs malware in a sandbox to observe its behavior to determine if a program is innocent or malicious. Avast Mobile Security automatically scans files, including applications, for viruses and other kinds of malware.

Network Inspector



Network inspector scans Wi-Fi networks for vulnerabilities to verify that the network users are connected to is safe. Users receive alerts if any risk is detected.

Web Shield



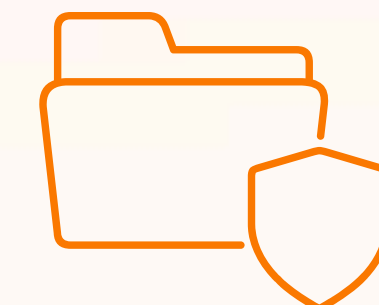
For browsing in full security, Web Shield scans and blocks in real time malware infected URLs.

App Shield



App shield is a constantly running feature which scans installed apps and downloaded files for potential threats.

File Shield

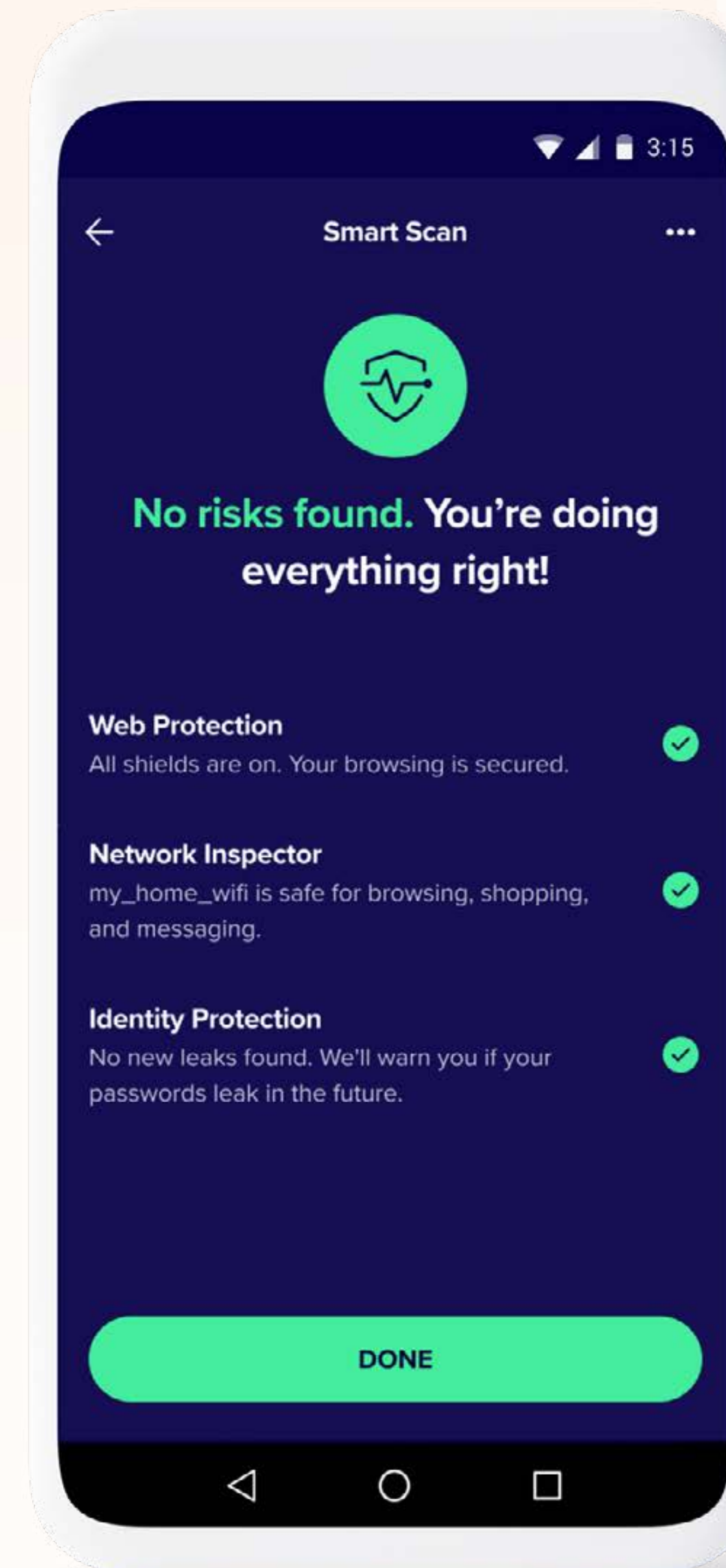


File shield is a constantly running feature which scans installed apps and downloaded files for potential threats.

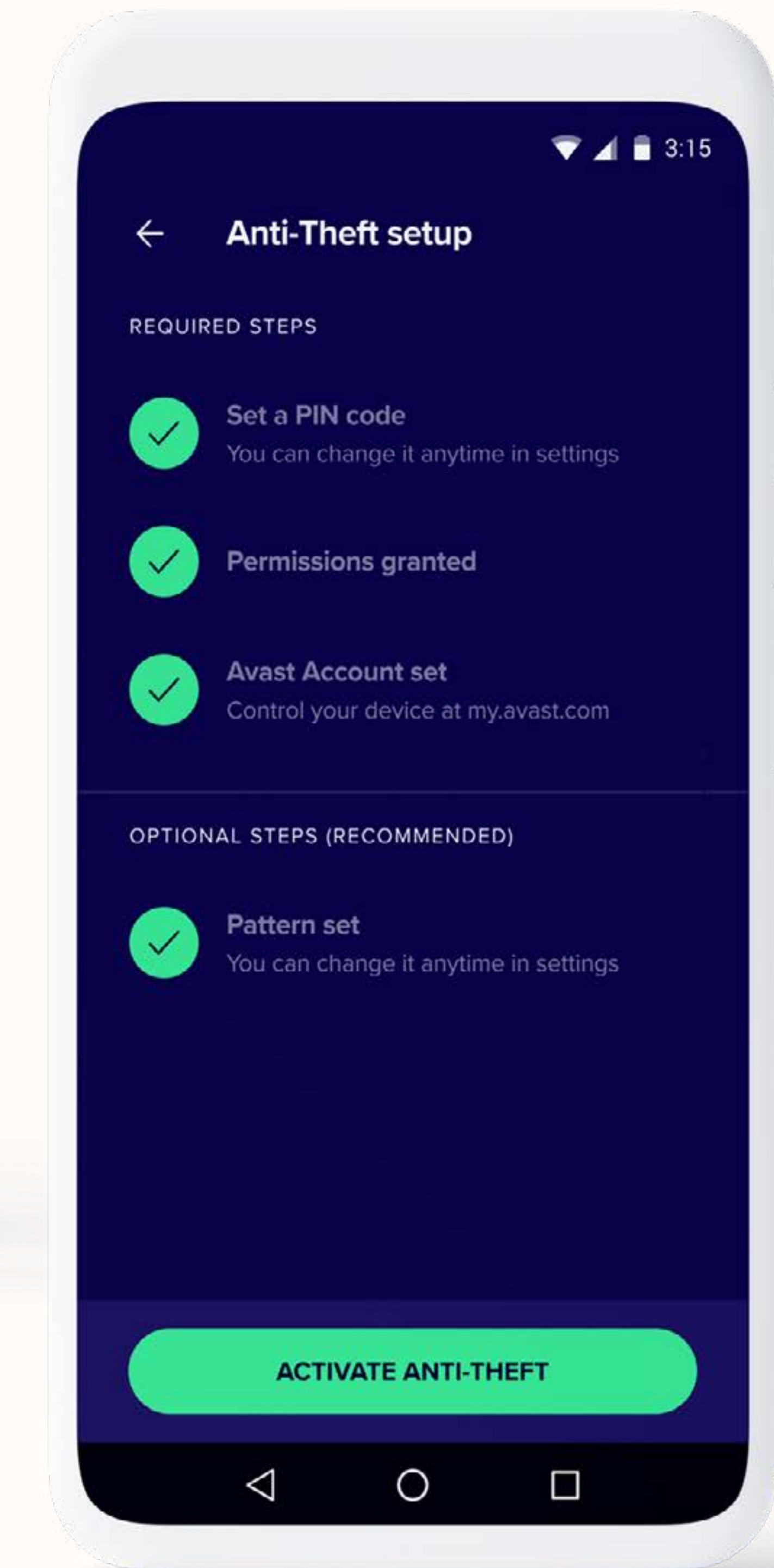
Hack Alerts



Hack Alerts warns the user if any passwords linked to the email address connected to their Avast account were compromised in a hack or a leak.



"Smart Scan" tile available on the main app screen or in Menu → Smart Scan



From Main Menu → Anti-Theft → Anti-Theft setup

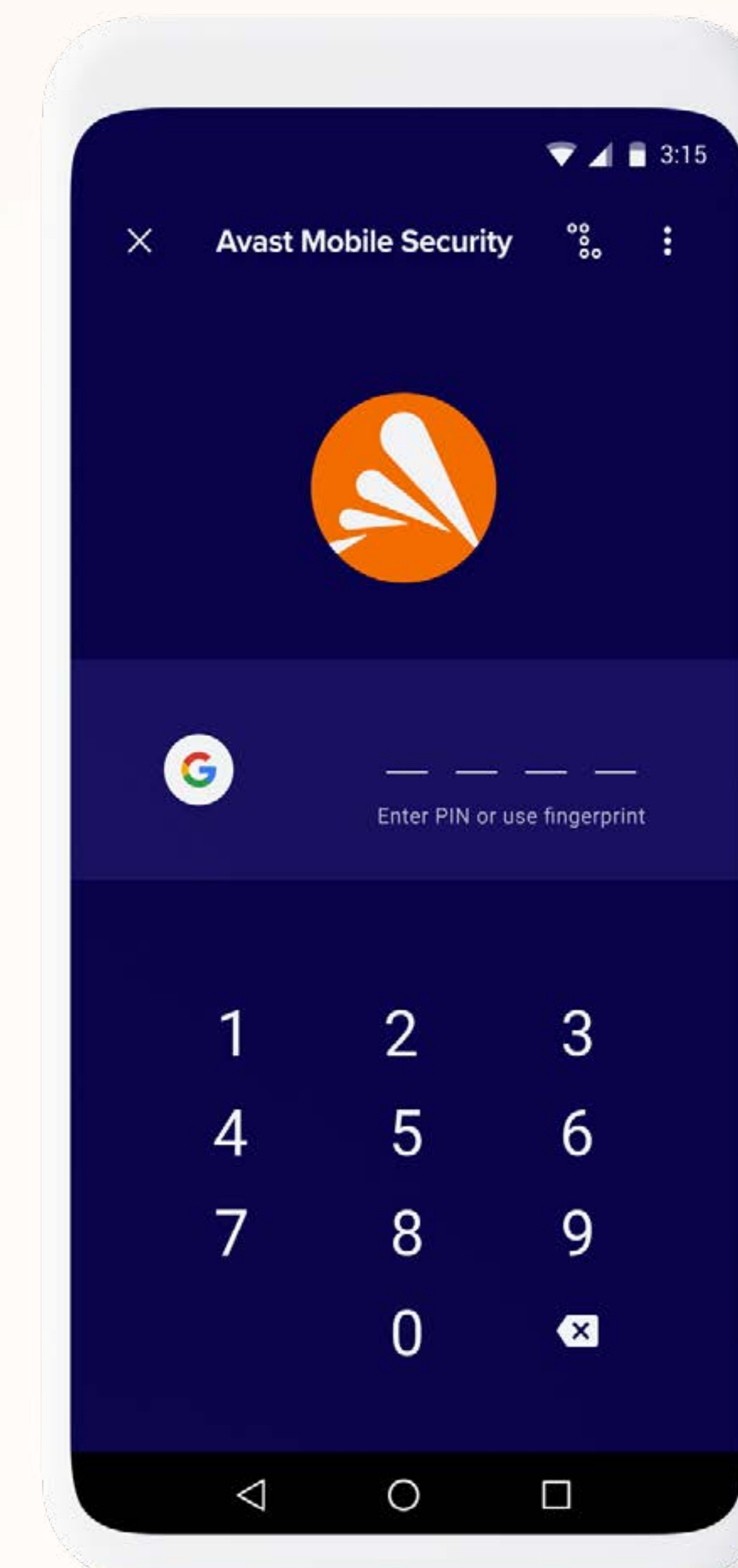
Avast Mobile Security for Android (Free)

PRIVACY

Photo Vault



Photo Vault allows free users to secure up to 10 of their photos with a PIN code, pattern, or fingerprint password. After moving photos to the vault, they are fully encrypted and only accessible to the user.



From Main Menu → Photo Vault

Malware Force Uninstaller



Malware Force Uninstaller helps users to remove a malware that is exploiting accessibility permission to prevent itself from being uninstalled, preventing users from getting stuck with the malware installed on the device. To uninstall the app containing malware, the user should grant accessibility permission to Avast that allows Avast to perform required action on behalf of the user.

Hack Alerts



Hack Alerts warns the user if any passwords linked to the email address connected to their Avast account were compromised in a hack or a leak.



Avast Mobile Security for Android (Free)

USABILITY

Junk Cleaner

Junk Cleaner instantly cleans out unnecessary data, junk files, system caches, gallery thumbnails, installation files, and residual files to give users more space on their device.

App Insights

Using App Insights, users can discover how much time they spend using each app on their device and take back control of their phone-life balance. Additionally, the feature gives users insights into the data the apps they use consume and provides details on permissions granted to each app e.g., microphone, camera, location data, and more.

RAM Booster

RAM Booster kills tasks and processes that can slow down a phone or tablet.

Clipboard Cleaner

Clipboard Cleaner encourages users to remove data stored in their clipboard as it might include sensitive information.

Dark Mode

Dark Mode allows the user to switch the app's theme to dark mode, should they prefer it to the app's color.

Shortcuts

Shortcuts can be accessed by "long pressing" (press/hold) the app icon to access actions like the device scan, a smart scan, and more without having to open the app itself.

Activity Log

Activity Log shows the timeline of all activities recorded by the app on the device such as initiated scan, detected malware, feature enabled, etc. The data is retained until the user deletes it and is available offline should the user desire it.



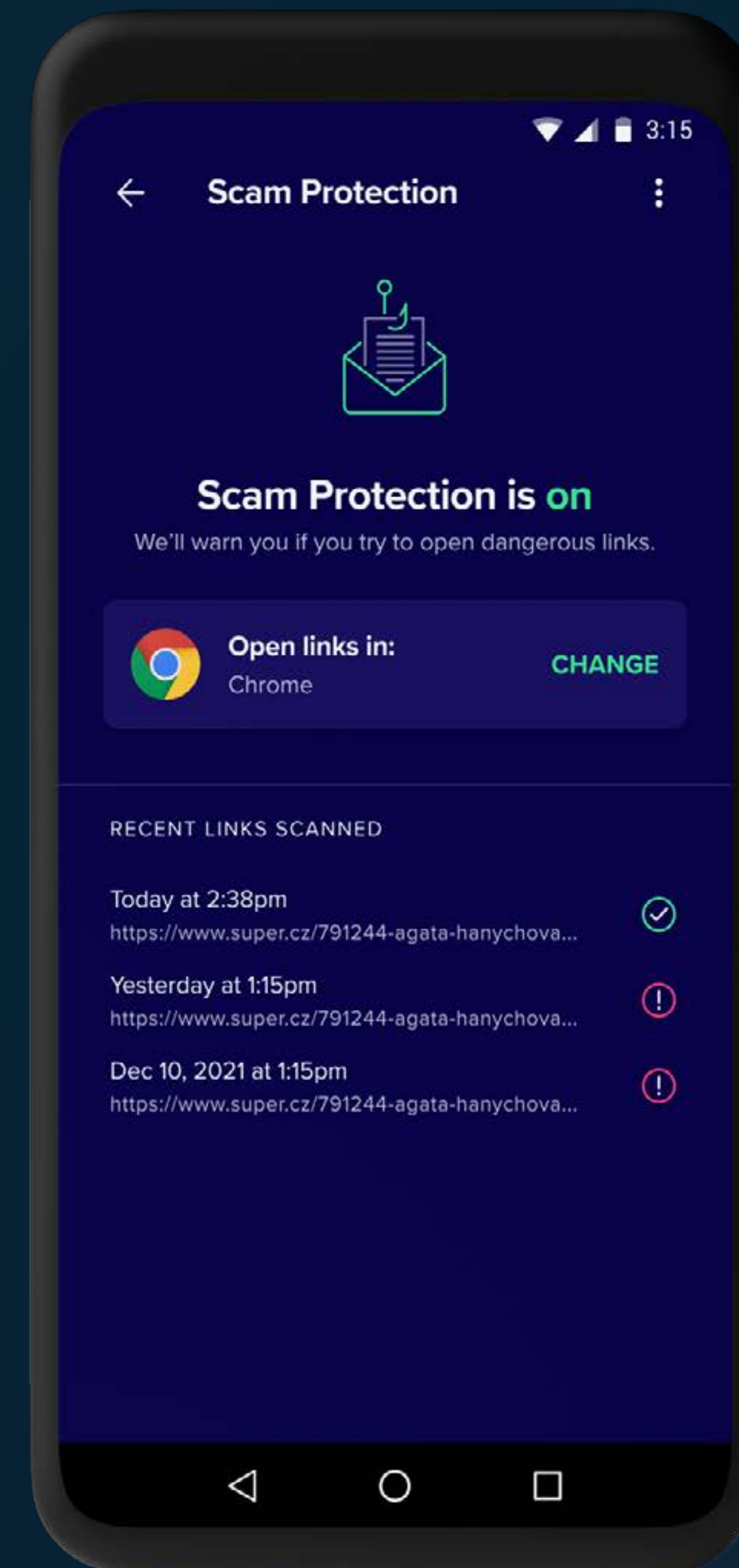
Avast Premium Mobile Security for Android

PROTECTION & PRIVACY

In addition to the protection and features included in the free version of Avast Mobile Security, Avast Premium Mobile Security also includes the following features and functions, ad free:

Scam Protection

Hackers use various fraudulent methods and platforms to trick users with the goal of obtaining access to personal, sensitive data or credentials. Scam Protection proactively notifies users when opening a link received via phishing messages (from an email, SMS, or messaging app) that represent a potential risk to the user.



From Menu → Scam Protection

Privacy Audit

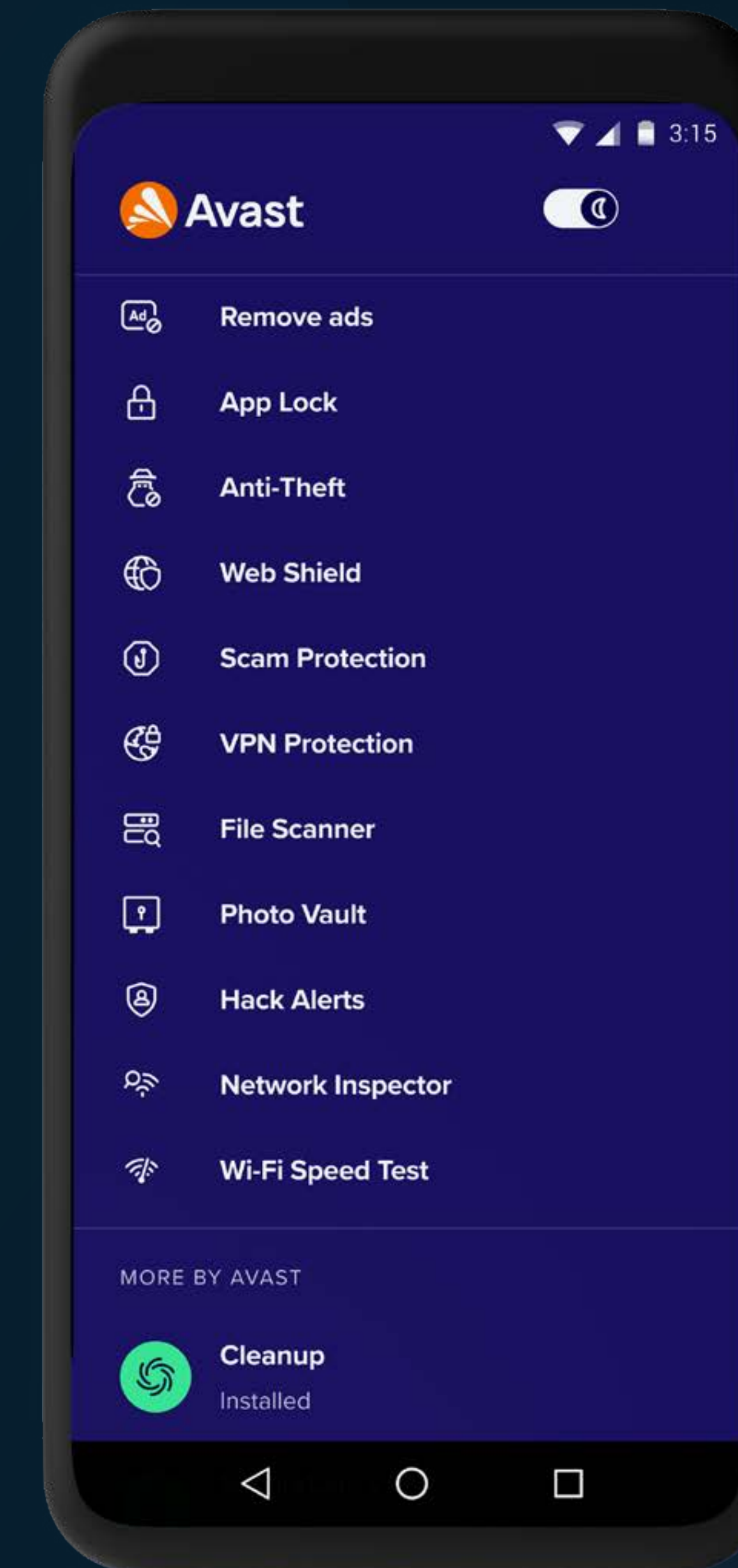
Privacy Audit scans installed apps on a user's phone and analyzes various privacy aspects to provide a privacy score. It brings transparency to which apps are collecting personal data, what the purposes for the data collection are, highlights which apps have bad privacy practices, and summarizes privacy policies which are frequently overlooked by users. Current availability restricted to certain markets.

Photo Vault

After moving photos to the vault, they are fully encrypted and only accessible to the user. Users are able to upload an unlimited number of photos.

App Lock

App Lock allows users to keep sensitive content secure and private by locking any app with a PIN code, pattern, or fingerprint password.



Avast Security

For iOS



Avast Mobile Security for iOS (Free)

PROTECTION & PRIVACY

Web Shield



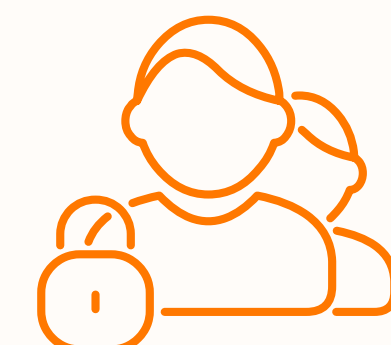
Before the loading of the web page, Web Shield detects when the user visits a malicious site, for example a phishing site or a site containing malware and gives a warning.

Network Inspector

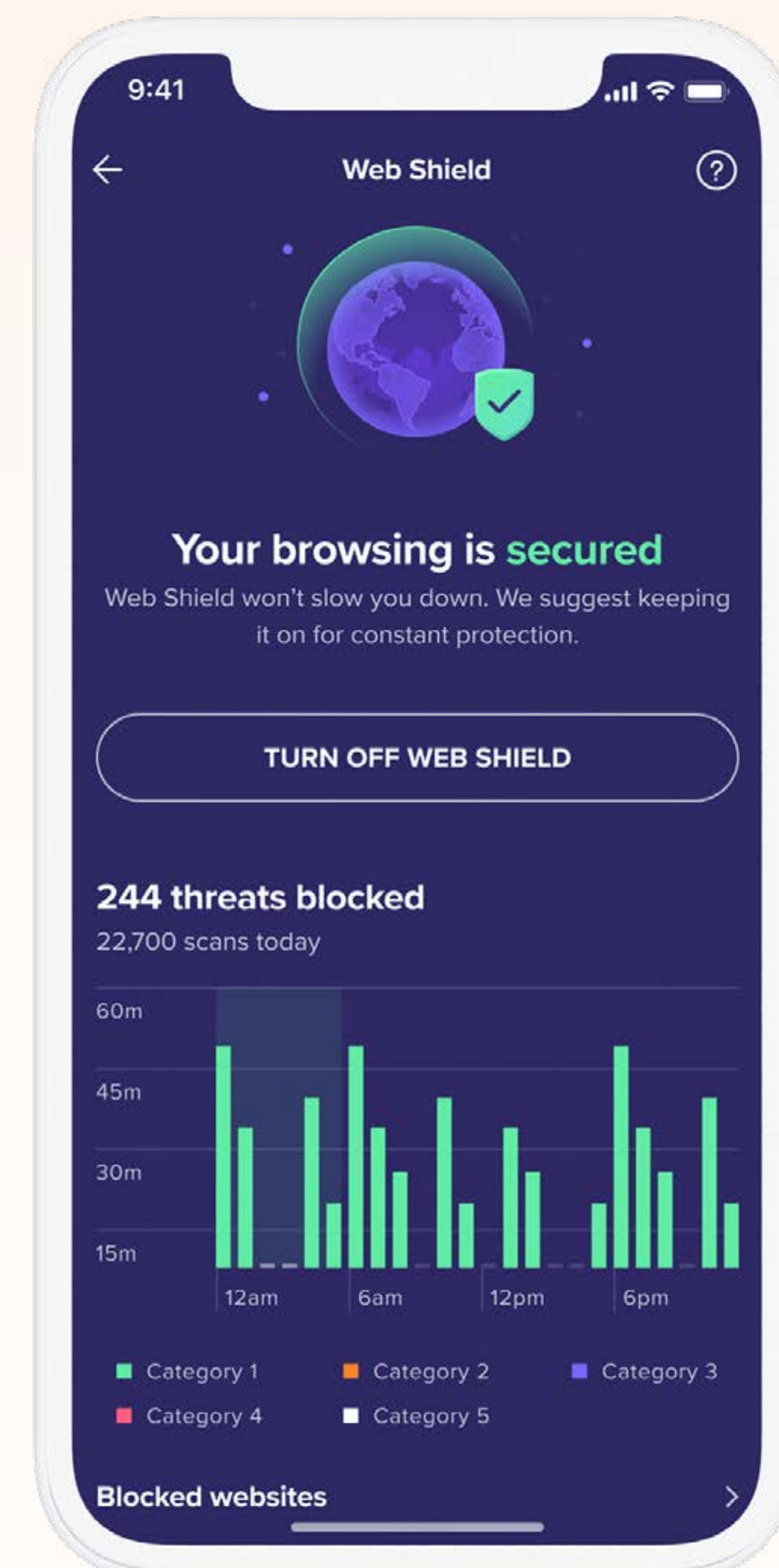


Previously known as "Wi-Fi Inspector," Network Inspector automatically scans Wi-Fi networks for vulnerabilities, to verify that the network users are connected to is safe. Users receive alerts if any risk is detected.

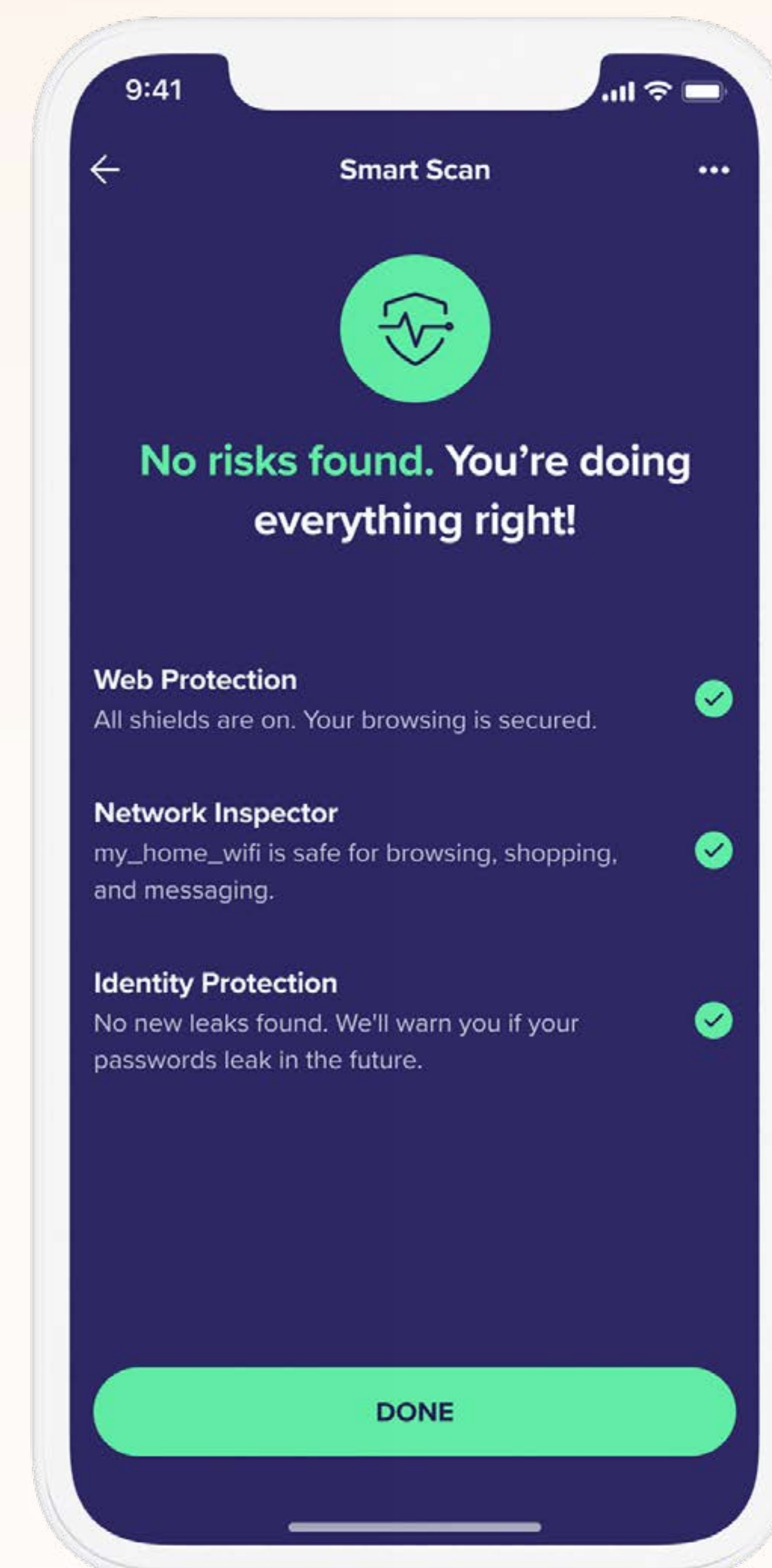
Hack Alert



Users can register one email address to immediately receive a notification if any of their passwords are found leaked online — helping to keep their identity safe.

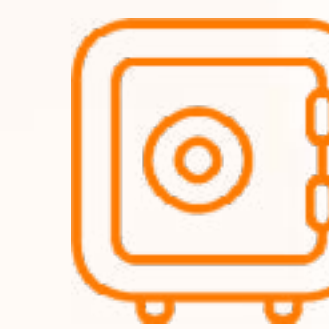


"Web Shield" tile available on the main app screen

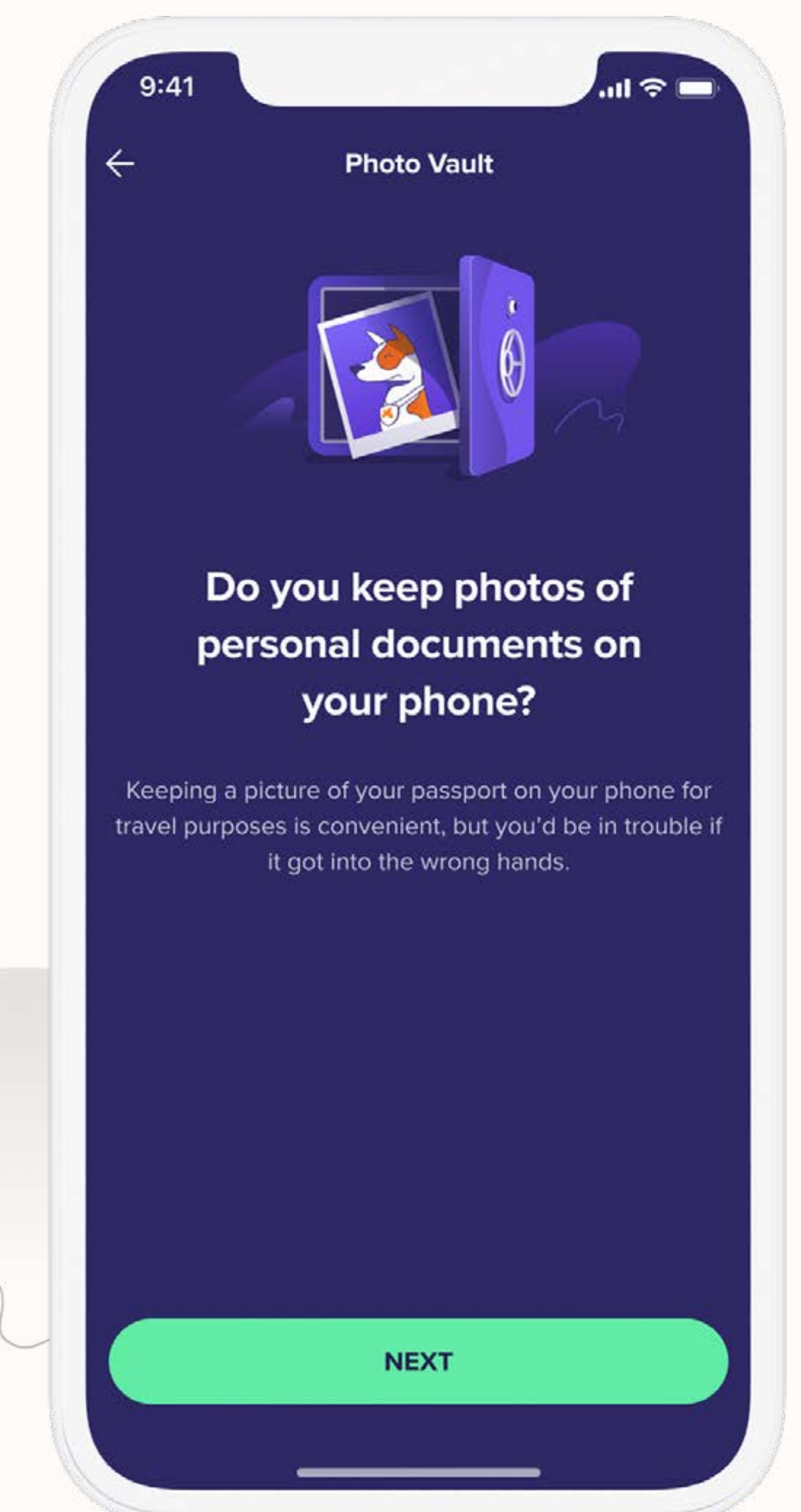


"Smart Scan" tile available on the main app screen

Photo Vault



The version of Photo Vault included in the free version lets users lock up to 40 of their photos in an encrypted vault and secure them with a PIN, Touch ID, or Face ID so that only they have access to them.



"Photo Vault" tile available on the main app screen

Avast Premium Mobile Security for iOS

PRIVACY

Photo Vault



Photo Vault lets users lock an unlimited number of their photos in an encrypted vault and secure them with a PIN, Touch ID, or Face ID so that only they have access to them.

VPN (Wi-Fi Protection)



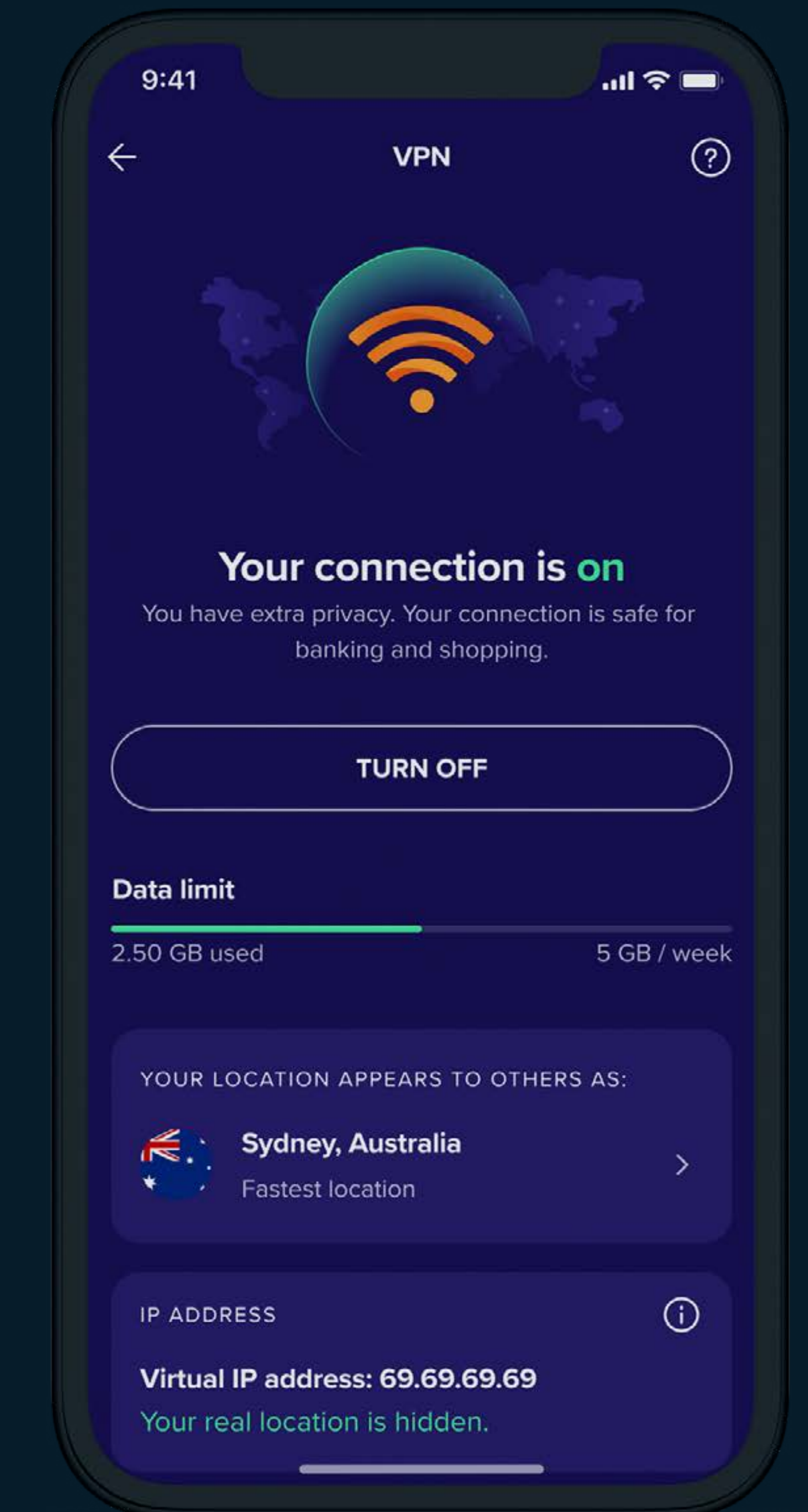
By using the Virtual Private Network (VPN) feature, and connecting to the closest VPN server, users can protect their privacy by making sure no one can spy on what they are doing online — even on risky public Wi-Fi networks.

From "Wi-Fi Protection" tile → Turn on VPN

iOS Direct Support



All Avast apps are designed to be as user-friendly as they are effective against threats. But sometimes users need help and now they can get it right in the app itself with iOS Direct Support.



Resources



Resources

Avast Free Antivirus

FOR PC

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Box Shot

Customer support options

Avast Free Security

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Customer support options

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Product [download](#) URL

[How to activate license key](#)

Box Shot

[Screenshots](#)

Pricing:

- 1 year /1 device \$77.99
- 1 year /10 devices \$99.99

30-day free trial

Avast Premium Security

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[How to activate license key](#)

Box Shot

[Screenshots](#)

Pricing:

- 1 year /1 device \$75.99
- 1 year /10 devices \$99.99

60-day free trial

Avast Mobile Security

FOR iOS

Product [download](#) URL

[Screenshots](#)

Customer support options



Up-to-date pricing and promotions can be found on the Avast website.

Privacy Policy

As one of the world's most trusted **antivirus software** companies, we defend our users against threats in cyberspace. To do so, we may have to collect personal data to provide our users with the best weapons and the most up-to-date security.

We do not take this trust for granted. We've developed a Privacy Policy that covers how we collect, use, disclose, transfer, and store users' personal data. Our full privacy policy, which includes why and how we process data, and how we disclose and protect our users' personal data, can be found [here](#).

Avast PR & Technical | Contact Information

If you are a member of the press, please contact: pr@avast.com. If you have any questions regarding Avast or any of its products. Media materials can be found at <https://press.avast.com>.

We do not take this trust for granted so we've developed a Privacy Policy that covers how we collect, use, disclose, transfer, and store your personal data. Our full privacy policy, which includes why and how we process data, and how we disclose and protect our users personal data, can be found [here](#).

