



# ONLINE PRIVACY

The Internet touches almost all aspects of our daily lives. We are able to shop, bank, connect with family and friends, and handle our medical records all online. These activities require you to provide personally identifiable information (PII) such as your name, date of birth, account numbers, passwords, and location information. #BeCyberSmart when sharing personal information online to reduce the risk of becoming a cybercrimes victim.

## DID YOU KNOW?

- 64% of U.S. adults have noticed or been notified of a major data breach affecting their sensitive accounts or personal data.<sup>1</sup>
- Roughly half of Americans (49%) feel that their personal information is less secure than it was five years ago.<sup>2</sup>
- 58% of Americans age 50 and older are more likely to feel that their personal information has become less safe in recent years: 58% of Americans in this age group express this opinion.<sup>3</sup>
- 69% of consumers believe companies are vulnerable to hacks and cyberattacks.<sup>4</sup>

## SIMPLE TIPS TO OWN IT.

- **Double your login protection.** Enable multi-factor authentication (MFA) to ensure that the only person who has access to your account is you. Use it for email, banking, social media, and any other service that requires logging in. If MFA is an option, enable it by using a trusted mobile device, such as your smartphone, an authenticator app, or a secure token—a small physical device that can hook onto your key ring. Read the [Multi-Factor Authentication \(MFA\) How-to-Guide](#) for more information.
- **Shake up your password protocol.** According to NIST guidance, you should consider using the longest password or passphrase permissible. Get creative and customize your standard password for different sites, which can prevent cyber criminals from gaining access to these accounts and protect you in the event of a breach. Use password managers to generate and remember different, complex passwords for each of your accounts. Read the [Creating a Password Tip Sheet](#) for more information.
- **Be up to date.** Keep your software updated to the latest version available. Maintain your security settings to keeping your information safe by turning on automatic updates so you don't have to think about it, and set your security software to run regular scans.
- **If you connect, you must protect.** Whether it's your computer, smartphone, game device, or other network devices, the best defense against viruses and malware is to update to the latest security software, web browser, and operating systems. Sign up for automatic updates, if you can, and protect your devices with anti-virus software. Read the [Phishing Tip Sheet](#) for more information.

For more information about connecting with confidence visit: <https://nccs.us-cert.gov/national-cybersecurity-awareness-month-2019>





- **Play hard to get with strangers.** Cyber criminals use phishing tactics, hoping to fool their victims. If you're unsure who an email is from—even if the details appear accurate—or if the email looks “phishy,” do not respond and do not click on any links or attachments found in that email. When available use the “junk” or “block” option to no longer receive messages from a particular sender.
- **Never click and tell.** Limit what information you post on social media—from personal addresses to where you like to grab coffee. What many people don’t realize is that these seemingly random details are all that criminals need to know to target you, your loved ones, and your physical belongings—online and in the real world. Keep Social Security numbers, account numbers, and passwords private, as well as specific information about yourself, such as your full name, address, birthday, and even vacation plans. Disable location services that allow anyone to see where you are—and where you aren’t—at any given time. Read the [Social Media Cybersecurity Tip Sheet](#) for more information.
- **Keep tabs on your apps.** Most connected appliances, toys, and devices are supported by a mobile application. Your mobile device could be filled with suspicious apps running in the background or using default permissions you never realized you approved—gathering your personal information without your knowledge while also putting your identity and privacy at risk. Check your app permissions and use the “rule of least privilege” to delete what you don’t need or no longer use. Learn to just say “no” to privilege requests that don’t make sense. Only download apps from trusted vendors and sources.
- **Stay protected while connected.** Before you connect to any public wireless hotspot—such as at an airport, hotel, or café—be sure to confirm the name of the network and exact login procedures with appropriate staff to ensure that the network is legitimate. If you do use an unsecured public access point, practice good Internet hygiene by avoiding sensitive activities (e.g., banking) that require passwords or credit cards. Your personal hotspot is often a safer alternative to free Wi-Fi. Only use sites that begin with “https://” when online shopping or banking.

<sup>1</sup> Smith, Aaron. “Americans and Cybersecurity.” Pew Research Center: Internet, Science & Tech. April 27, 2017. <https://www.pewinternet.org/2017/01/26/americans-and-cybersecurity/>.

<sup>2</sup> Ibid.

<sup>3</sup> Ibid.

<sup>4</sup> PricewaterhouseCoopers. “Consumer Intelligence Series: Protect.me.” PwC. 2017.

<https://www.pwc.com/us/en/services/consulting/library/consumer-intelligence-series/cybersecurity-protect-me.html>.