



Who We Are

SecSIG provides Information Security related content to, for and by members of Mensa. While our SIG membership is limited to members of Mensa, our content is freely available and usually published on our web site. For any members of American or International Mensa who want to join us, come to our Facebook page or email us. info@secsig.org facebook.com/groups/secsig

A Quick Introduction

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Warning

Any views are our own and not necessarily those of our employers. As with all of our content, we are not your lawyer. In fact, we are not lawyers at all and in no way is this sage advice. You shouldn't do things that are illegal. We're not suggesting otherwise. For any reasonable purpose, you should assume that we don't know what we are talking about, and you should figure this stuff out on your own, or not at all. Don't call us because your identity was stolen. Those bastards are crafty. Enjoy.

Managing Your Identity at Mensa Speed

Chances are, you have used a web site, credit card, cell phone or many of the other services of modern life. They all come with end user license agreements, terms of service, or other agreements which, in the best of cases, govern what can be done with your identity. In the worst cases, they are ignored or changed after your data was rendered. The basic rule is that you are the product. A recent example would be Cambridge Analytica and their microtargeting citizens in both the US 2014 and 2016 elections as well as the UK Brexit referendum of the same time. As we learn about nation states now using this data to influence the population, the internet might well be considered the new propaganda.

Losses are Disproportionate

Business act in their best interest. The impact on them, should they loose your data, is very low as compared to the impact on you if your data is picked up by an unethical actor. Ponemon Institute: 2018 Cost of a Data Breach Study

We Keep Giving The Same Presentation

Because you're human. We are more likely to act on emotion in the present and logic in retrospect. This makes it easy for unethical actors to socially engineer the masses into illogical but emotionally satisfying behavior

Top Factors in Investment Fraud: Male Gender, Conservative Ideology, High Trading Frequency, Value Wealth as Success, Targeted by Phone, Frequent Remote Investing, Older Age AARP Investment Fraud Vulnerability Study 2017

It Goes Without Saying... But apparently not

If you communicate with anyone, by any means, and they ask or suggest any of the following... **It's probably a SCAM!** What Is Your Name? Can You Confirm Some Details? We need your credit card, bank account, account number, etc. You're In Trouble with the Law, Government, IRS, etc. You need to send us money, gift cards, etc. You have an account with us you didn't know about. You could save money if... You could make money if... You will loose money if you don't... Reputable businesses will go out of their way to avoid the appearance of fraud. If you're being pressured to act out of emotion or with a sense of urgency, the person you're talking to needs you to not think.

There is a 0% chance your information is private.

It does not matter how much you try to protect yourself; your information is public. You can, and must, act rationally given this reality. Information you leak is used to build a profile of you and how you can be manipulated to behave in targeted ways. Information you receive is probably targeted to what you're thought to respond to. This system accelerates the less you think critically about its behaviors. Take ownership for a basic understanding of everything you do. Look for source data. Consider all of the ways you provide insight into your behaviors. Isolate and respond to risks appropriately.

Perform a Risk Assessment

Collect your records and know your footprint
Do this now!

Keep a list of your financial accounts, important contacts, medical records, legal paperwork and other critical documents in a safe digital location; Inform your family how to access this information should you be unable to do so; Create a medical power of attorney, legal power of attorney and living will in consultation with your lawyer.

Then Up Your Game

Create an 'I'm dead' book that helps your family know how to interact with all of your critical records; Review your credit report and known online footprint to look for errors or unanticipated changes.

American Bar Association

https://www.americanbar.org/groups/law_aging/resources/health_care_decision_making/power_atty_guide_and_form_2011/

Secure Your Box

Your computer, tablet, phone all need to be secured.
Do this now!

Remove all outdated software; Remove software from unknown

Your Identity Is Showing

vendors; Search out and fix vulnerabilities; Use a password manager and a different password for every site you register on; Use a different email address for sensitive information; Only use burner credit cards online

Then Up Your Game

Encrypt your device; Use multifactor authentication; Check your online hygiene

Links

Saner SecPod Vulnerability and Compliance Management

<https://www.secpod.com/saner-endpoint-security-personal.html>

LastPass Password Manager

<https://www.lastpass.com/>

Windows 10 Bitlocker

<https://support.microsoft.com/en-us/help/4028713/windows-10-turn-on-device-encryption>

YubiCo YubiKeys

<https://www.yubico.com/>

Fix Your Network

Your internet connection is suspect.

Do this now!

Use your own cable modem; Upgrade to a SOHO firewall and access point; Use a Internet VPN when you're not at home

Then Up Your Game

Isolate your Internet of Things (IoT) devices onto a separate network

Links

Which Cable Modem Do You Need?

<https://www.tomsguide.com/us/how-to-buy-cable-modem,review-5607.html>

Uniquiti Amplifi / Ubiquiti Secure Gateway

<https://www.ui.com/unifi-routing/usg/>

<https://www.amplifi.com/>

Private Internet Access

<https://www.privateinternetaccess.com/>

Establish Your Brand

Where is your name being used?

Do this now!

Establish common email addresses; Establish common domain names; Search for existing instances

Then Up Your Game

Check out your records with well known web sites, credit reporting agencies, and public sources; Request your FOIA file from the government; Limit the use of your credit file

Links

Proton Mail

<https://protonmail.com/>

Network Solutions

<https://www.networksolutions.com>

Freedom of Information Act

<https://www.foia.gov/how-to.html>

<https://foiaonline.gov/foiaonline/action/public/request>

<https://www.dhs.gov/steps-file-foia>

LifeLock Identity Monitoring

<https://www.lifelock.com/>

Lock Your Credit File

Equifax

secsig.org

Mensa AG 2019 Phoenix

<https://www.equifax.com/personal/products/credit/credit-lock-alert/>

Experian

<https://www.experian.com/blogs/ask-experian/how-to-freeze-your-credit-report-for-free/>

TransUnion

<https://www.transunion.com/credit-freeze>

Choose Your Own Adventure

You're not going to be able to remediate all risk; Consider how companies you work with or buy services from treat your identity, privacy and if they have a good reputation; Secure what can be reasonably secured; Review and reduce your footprint where possible; Look for evidence of Abuse and Fraud.

Google Sensor Vault

Google Has a Long Memory

Every time you access a Google service, it locates your device and remembers that information

Links

Google Timeline

<https://www.google.com/maps/timeline?pb>

New York Times

<https://www.nytimes.com/2019/04/13/technology/google-sensorvault-location-tracking.html>

How-To Geek

<https://www.howtogeek.com/411387/how-to-stop-googles-sensorvault-from-sharing-your-location-with-law-enforcement/>

Electronic Freedom Foundation

<https://www.eff.org/deeplinks/2019/04/googles-sensorvault-cancel-police-where-youve-been>

Shodan

What's On The Net

How many insecure devices are just on the net?

Links

Shodan

<https://shodan.io>

Daniel Miessler: A Shodan Tutorial and Primer

<https://danielmiessler.com/study/shodan/>

Comparitech: How to find and remove your device from the Shodan IoT search engine

<https://www.comparitech.com/blog/vpn-privacy/remove-device-shodan/>



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