

Gigaisland Talk: How to Keep Your Security Identity Safe

Who we Are

- Gigaisland
- Come into an empty office and setup networking environment and support it
- Maintenance, remote helpdesk support, servers, email, backups, malware/virus cleanup
- Maintenance program that makes sure your computer is up to date, protected, and working fantastic. If not we're here for you.

What we'll Cover

- New Security Threats to be aware of
- Ransomware
- How to protect your email account
- How to secure your computer (PC & Mac)
- How to manage your passwords

Recent Breaches

- JP Morgan - 90 servers with Root access - names, address
- Kmart President - Credit Card and Debit Cards
- Primera/Anthem Breach
- Morgan Stanley
- Sony
- US military Centcom Twitter YouTube

New Security Threats

- Don't open up attachments unless you are sure they are from the sender

Anthem breach

- Tens of millions of social security, birthdays, email addresses, home addresses, employment info, numbers taken from them

Premera

- Premera Blue Cross is a major provider of health care services
- Announced that 11 million customers
- What Cyber Criminals got - member name, date of birth, email address, address, telephone number, Social Security number, member identification numbers, bank account information, and claims information, including clinical information.

Truth About Breaches

- How long does it take a company to know they have been breached - 205 days
- Take Financial institutions on average of 176 days to patch security vulnerabilities

Why So Many Breaches

- Cybercriminals sell and use your information

Bitglass test

- 1500 fake SSN, Credit Card, Address list leaked to the DarkWeb (marketplace used by cybercriminals)
- In 12 days data was shared in 22 countries (US, UK, Germany France, Finland, Brazil, Russia, China, Sweeden, Italy, etc) & spanned 5 continents

Ransomware

- What it does is encrypts your files, backups, and share drives
- Use the 3 - 2 - 1 rule
 - 3 copies of all your files
 - 2 types of backup media
 - 1 offsite backup

What To Do If Store is Breached

- Know your legal liability and move quickly.
- **go online and monitor the transactions** associated with that account. Check that account frequently until authorities issue an all clear.
- **contact one of the three major credit reporting bureaus (Equifax, TransUnion, Experian)** and ask it to attach a "[fraud alert](#)" to your account. This service is free, and the company must share the alert with the other two companies.
- As a precaution, go ahead right now and **order a free copy of your credit report.**
- you can ask each of the three credit reporting companies to **[put a freeze on your credit file](#)**. This makes it less likely that thieves can open new accounts in your name, but it also means that potential creditors cannot obtain your credit report.

Email

- Enable 2 factor authentication
- don't click on links & open email attachments.
- Powerpoint attachments don't open
- Do a web search on how to setup 2 factor authentication
- Need to setup App Specific password for devices (iPad, iPhone, Android tablet), when setup
- Link to setup Gmail 2 factor (step) Authentication <https://www.google.com/landing/2step/>

PC

- -Anti virus question - best one?
 - Recommended for PC - Vipre, ESET, Norton
 - Recommended for Mac - ESET, ClamAV (it's free)
- -update update update
- Make sure your Windows/Mac system is up to date and all the 3rd party programs like Adobe Flash, Adobe Reader, Java, Web Browsers, etc.

Passwords

- -16 characters minimum
- -Pick a Hawaiian Word and change around the characters 8 for A, 0 for O, etc
- -Upper lower number special

Password Manager

- LastPass <https://lastpass.com>
- It's a \$1 month for all devices
- To use on your computer it is free

Questions and How To Reach Us

- Our number is 808.673.4747
- Website: www.gigaisland.com
- Like Us on our Facebook Page: “Gigaisland” - Tips, tricks, and news posted there.
- Please let us know how we can help you with your technology goals. We’ll be happy to help you :)