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
• Ransomeware
• 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 Breeches

• Cybercriminals sell and use your information
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
Ransomeware

• 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 :)