



CYBER SECURE YOUR HOME
AND BUSINESS

WHO ARE WE?

I'll go first:

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Owner and Principal Consultant at Monkey Hill, LLC, an information security consultancy helping organizations identify and reduce information technology risks.

Husband, father, avid photographer

Montgomery Resident – 16+ Years

Information Technology Professional – 25+ years

Cyber-Security – 15+ Years

Vice President of the Princeton Macintosh Users' Group

WHO ARE WE?

Your turn:

Mac PC? – Not a secret, “I’m a Mac”.

Windows PC?

Next Generation Computers (Tablet, Smartphone)?

More than 5 years using tech?

Consider yourself a geek?

Geek in training?

Manage your own computers at home/work?

Paying someone to manage your computers at home/work?

WHAT YOU'LL LEARN

How to protect yourself, your family and your devices with practical tips and resources
... whatever you want! (Because I'll take your questions – at the end)



“ All tech users – especially vulnerable audiences like teens and seniors – need to take responsibility and protect themselves against cyber threats, scams and identity theft – not only during prime shopping time, but every day. ”

Michael Kaiser, Executive Director, NCSA





DID YOU KNOW?

The majority of cyber criminals are indiscriminate; they target vulnerable computer systems regardless of whether the systems are part of a Fortune 500 company, a small business, or belong to a home user.

NATIONAL CYBER SECURITY ALLIANCE (NCSA)

- National program led by the National Cyber Security Alliance (NCSA) to help businesses and consumers learn to be safer and more secure online.
- Identify
- Protect
- Detect
- Respond
- Recover

IDENTIFY THE “CROWN JEWELS”

- Customer Data/Employee/Personal Data
 - Personal Health Information (PHI)
 - Personally Identifiable Information (PII)
 - Social Security Numbers
 - Name of your pet
 - Mother’s Maiden Name
 - Bank Account/Credit Card Numbers

IDENTIFY THE “CROWN JEWELS”

Create a detailed list of all your tech and update it routinely

Include data/files and applications in the inventory list

Know where data is stored – offline and online -- and who has access to both

PROTECT

@Home and @Work:

Lock it down/Limit access – physical and electronic

Strong passwords – convenience is the enemy

Encrypt Wi-Fi (WPA2)

Back it up – offline and online (encrypted)

Maintain it – anti-virus and software updates/patches

give the computer a flu shot

USB



PROTECT

On the Go:

Get savvy about Wi-Fi hotspots

Think before you app

Now you see me, now you don't



DETECT

Know the Threats

Ransomware

Phishing

Disinformation (a.k.a “fake news”)

DETECT

How Phishers Attack

- Social engineering

- Email

- Social networks

- Text messages

- Spoofing your identity

DETECT

What the companies will **never** ask you to provide via email:

Social Security Number

Mother's maiden name

Full credit card number

Credit card CCV code

RESPOND

- Resolve the Problem
- Identify What Has Been Lost
- Continue Operations
- Communicate
- Reporting
- Comply with Applicable Laws

RECOVER

- Recovery is not just about fixing the causes and preventing the recurrence of a single attack. It's about building out your cybersecurity knowledge, including increasing the focus on planning for future events such as:
 - Keeping up with the latest trends and tactics used by attackers
 - Implementing a review of new technologies you may incorporate into your business or home — such as smart door locks, cameras etc. — and plans for maintaining the cybersecurity of the new technology over time.
 - Knowing how to initiate a credit freeze on your accounts.
 - Monitoring your credit report

RESOURCES

- Learn how to protect yourself, your family and your devices with practical tips and resources from [Stay Safe Online](#)
- FREE (as in free beer) online checkup and tools from [Stay Safe Online](#).
- Safeguard your business, employees, and customers from online attacks, data loss, and other threats with resources from the [National Cyber Security Alliance](#) (NCSA).

PING ME!

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