Slow the Spread of Cyber Criminals and the NYS SHIELD ACT

Hacking_Your_Business
Is_Our_Business

Presented by
ZELVIN SECURITY
“Don't put off until tomorrow what you can do today.”

BENJAMIN FRANKLIN

SLOW THE SPREAD OF CYBER CRIMINALS
THE “COVID DISRUPTER”
MAKING FRIENDS WITH TECHNOLOGY
Endless Opportunities
“We need to verify your banking information to send you federal stimulus payments.”

HOW TO SPOT A SCAM
ALLOCATION OF TIME WHEN WORKING FROM HOME

- Surf Internet: 20%
- Teach Kids: 24%
- Crave Ice Cream: 20%
- Work: 12%
- Cuddle with Dog: 8%
- Watch News: 8%
- Worry about Toilet Paper Supply: 8%
CREDENTIAL STUFFING

Expect Stolen Credentials

Use Strong, Unique Passwords

Use Multifactor Authentication

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Everyone needs remote access by tomorrow??

SUPPORTING A REMOTE TEAM USING TECHNOLOGY
SUPPORTING YOUR REMOTE PEOPLE
Sample Educational Memo to Staff

Cybercriminals are using the coronavirus to send phishing emails to people around the world. If you receive an email that looks legitimate **DO NOT CLICK** on the link in the email. Instead, open your browser and search for information about the topic described in the email. Only go to sites ending in .edu or .gov for primary source resources. There are many sites online that look like the COVID-19 the CDC, WHO, Johns Hopkins University, IRS, your bank and so many more. These sites may contain malware or attempt to direct you to a malicious site.

If you have a question about the authority or owner of a website visit: Whois.com

https://coronavirus.jhu.edu/map.html
Cybercriminals are seizing the opportunity of the distractions of the coronavirus by sending phishing emails and soliciting private information. We realize that you may find yourself more distracted “at work” these days and looking for information about the virus, the guidelines for quarantining, and testing options. It’s normal to want to learn more; however, we ask that you follow these simple rules to protect your digital assets:

**SLOW DOWN**
Think before you click. Criminals rely on urgency and secrecy.

**CALL TO VERIFY**
If you’re not expecting the email...don’t click on links or take action until you’ve spoken with the sender personally.

**TRUST NO ONE**
Zero Trust- Be suspicious of phone calls, emails, visitors. Assume it is malicious unless otherwise verified. Assume all links and attachments are dangerous.

**RECOGNIZE PHISHING IDENTIFIERS**
Verify an email is authentic and the sender is true before clicking.

- Analyze the message and subject line.
  - Don’t trust the display name.
  - Check for spelling mistakes & erroneous spacing.
  - Check grammar- Is it poorly written?
  - Question why you’re receiving a link or attachment.
  - Beware of urgent messages or perceived security.
  - If you panic after reading the message...think twice before clicking.
  - Review the signature for inconsistencies.
  - Do not confirm personal information using the method provided.
Sample: Educational Memo to Staff

Cybercriminals are seizing the opportunity of the distractions of the coronavirus by attempting to gain access to online activities using home routers.

Your home Wifi router should have a lengthy, unique passphrase and you should have a router using the most current software version.

If you have questions please call the help desk at...
Sample: Educational Memo to Staff

While working from home we ask you to follow the same cyber security practices as you do in the office.

Log out of your computer when you are not at your desk.

Only approved users should use your computer and only perform work activities on our company issued device.

Please refrain from using your company asset for non-work related internet browsing, games, music, recipes, and more.

Thank you!
At Company XYZ, we are here to support your efforts as you work from home. If you have an IT related issue please DO NOT HESITATE to turn to IT for support.

**We are never too busy to help you** with your VPN Connection, questions about the legitimacy of an email or website, issues about your machine’s performance, and the necessary updates (software upgrades) on your computer, smartphones and tablets.
SUPPORTING YOUR REMOTE PROCESS
SLOW THE SPREAD OF CYBER CRIMINALS AND VIRUSES

It's not IF a cyber-attack will happen, it's about WHEN it will happen.

ZELVIN SECURITY
NYS SHIELD ACT

Stop Hacks and Improve Electronic Data Security
Amends Section 899-aa of the NYS General Business Law
WHAT IS THE SHIELD ACT?

- Expands the definition of private information
- Expands the definition of a data breach
- Expands the security safeguards required
- Breach notification required
- Civic penalties in place for non-compliance

Stop Hacks and Improve Electronic Data Security

NYS SHIELD ACT

PROTECT DATA & PRIVACY

All businesses must protect NY resident's data regardless of the state they are domiciled. Fines for non-compliance are imposed by the NYS Attorney general.
WHO DOES THE SHIELD ACT APPLY TO?

- Any business or organization with more than 50 employees
- More than $3M in annual revenue
- More than $5M in year-end assets
What is considered Private Information?

**NYS SHIELD ACT**

**PROTECT DATA & PRIVACY**

All businesses must protect NY resident’s data regardless of the state they are domiciled. Fines for non-compliance are imposed by the NYS Attorney general. Private Information is expanded under the law to include SS#, driver’s license #, account #, password, bio-metric data, username, security question answers, and more.
What Does the Shield Act Require?

ADMINISTRATIVE
The business must appoint one central cyber security leader who manages the security awareness training program for employees and a robust vendor security program holding partners to high security safeguards by contract.

TECHNICAL
The business must perform proactive cyber security tests (Penetration Tests) of the network and software. And, businesses must detect, prevent and respond to attacks (Threat Monitoring). Zelvin Security can help you with this control.

PHYSICAL
Businesses must not hold onto private information longer than it is needed and they must protect data at rest, in storage, during transition, from unauthorized physical access and at disposal or at the sale of the business.
Fines and Breach Notification Guidelines

Civil Penalties for violating the law:
Maximum: $250k
Minimum: $20 per record or $5k.

Stop Hacks and Improve Electronic Data Security (SHIELD) Act for NYS

NYS Shield Act Effective March 21, 2020
Stop Hacks and Improve Electronic Data Security

NYS SHIELD ACT

APPLIES TO BUSINESSES
More than 50 employees, more than $3M annual revenue in the last three years, or less than $5M in year end total assets. Compliance is achieved when state or federal regulatory agency considers the business compliant. State of domicile is not a factor.

SECURITY CONTROLS REQUIRED
The SHIELD Act requires a business to apply reasonable security safeguards using Administrative, Technical and Physical Security Controls to realistically and practically protect the data it receives of all NY residents. All businesses with 50 or more employees or more than $3M in annual revenue must comply with this NYS Law.

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AS OF MARCH 2023 THE SHIELD ACT IS NYS LAW
Learn More at www.zelvin.com
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Questions?

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