# CYBER SECURITY

12 Steps to Help Protect your Business from Cyber Criminals.

# What is Cybersecurity?

*Cybersecurity for veterinary clinics is the practice of protecting a clinic's computer systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction. It is important for clinics to take cybersecurity seriously, as they are just as vulnerable to cyberattacks as larger businesses.*

# Why is it Important?

- Cybercrime is growing exponentially.  The cost of cyber crime is expected to cost business $8 trillion in 2023 and will grow to over $10 trillion in 2025.
- In 2022
    - 76% of organizations were targeted by a ransomware attack
    - 64% were infected
    - 50% of these organizations were able to retrieve their data after paying the ransom.

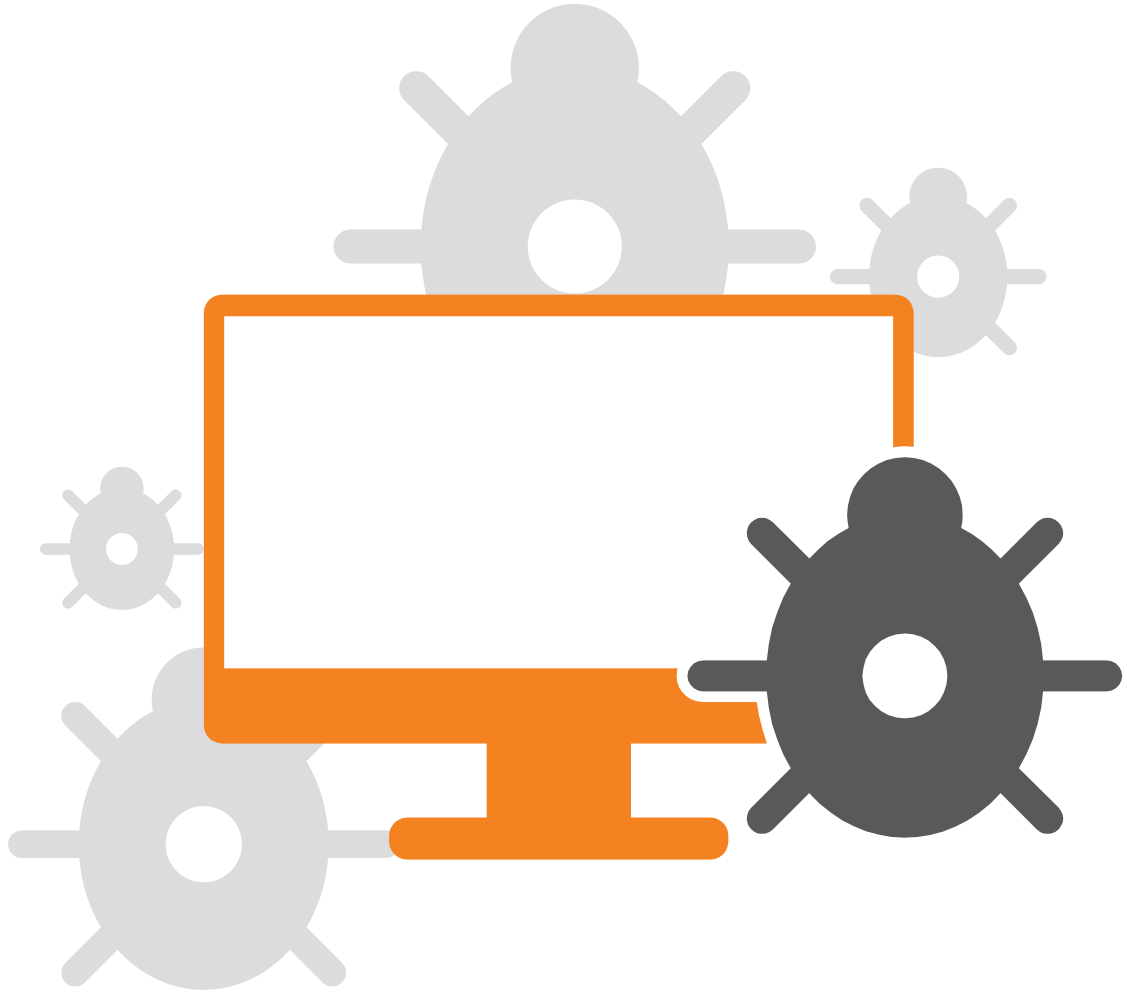
# Why is it Important for Small Businesses

- 43% of cyber attacks target small businesses
- Small businesses spend an average of $955,429 on restoring regular business after a successful attack
- 60% of small business that fall victim to a cyber attack go out of business within 6 months
- 54% of small business think they are too small for a cyber attack

# Current Threats: Phishing

Phishing attacks occur when an attacker pretends to be a trusted contact, and entices a user to click a malicious link, download a malicious file, or give them access to sensitive information, account details or credentials.

Phishing is the preferred method used by hackers to gain access to your data and systems.



# Current Threats: Malware

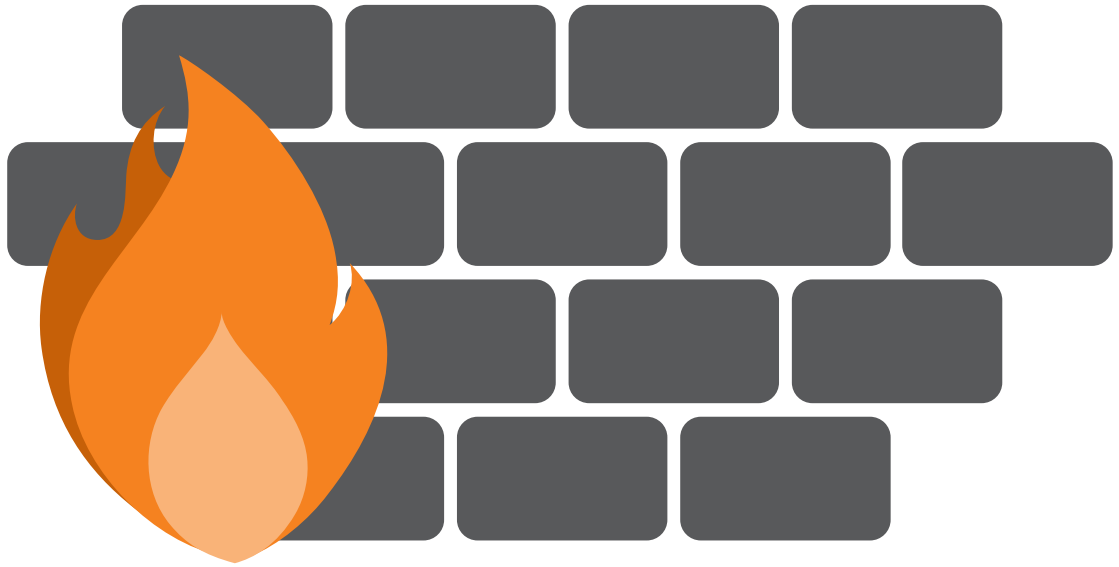
Malware is a term for malicious code that hackers create to gain access to networks, steal data, or destroy data on computers. Malware usually comes from malicious website downloads, spam emails or from connecting to other infected machines or devices.

# Current Threats: Ransomware

Ransomware involves encrypting company data so that it cannot be used or accessed, and then forcing the company to pay a ransom to unlock the data. This leaves businesses with a tough choice – to pay the ransom and potentially lose huge sums of money or cripple their services with a loss of data.

# Current Threats: Weak Passwords

Many small businesses use multiple cloud based services, that require different accounts. These services often can contain sensitive data and financial information. Using easily guessed passwords, or using the same passwords for multiple accounts, can cause this data to become compromised.



# Current Threats: Insider Threats

An insider threat is a risk to an organization that is caused by the actions of employees, former employees, business contractors or associates. These actors can access critical data about your company, and they can case harmful effects through greed or malice, or simply through ignorance and carelessness.

# Cyber Security is for Everybody

Big business, small business, mom and pop shop.  If you're in business, you need to make cyber security a part of it.

Train
Employees

Install Anti Virus Software

Create separate user accounts and limit access

Back up data regularly

Use a password manager

Secure WiFi network and use a firewall

Strong
passwords

Multi-factor
authentication

Control physical access to computers

Keep software updated

Ensure 3rd parties are also secure

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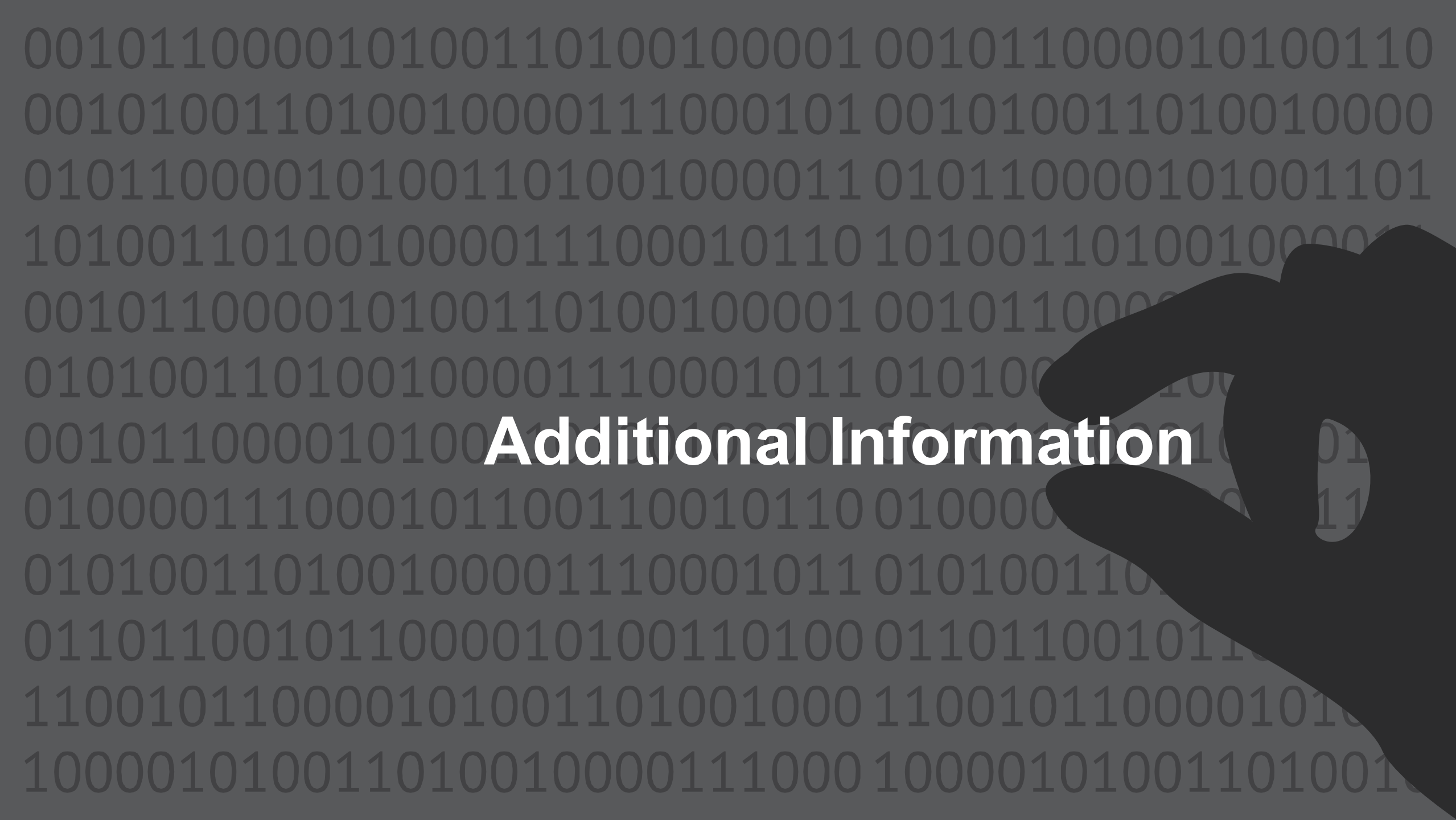
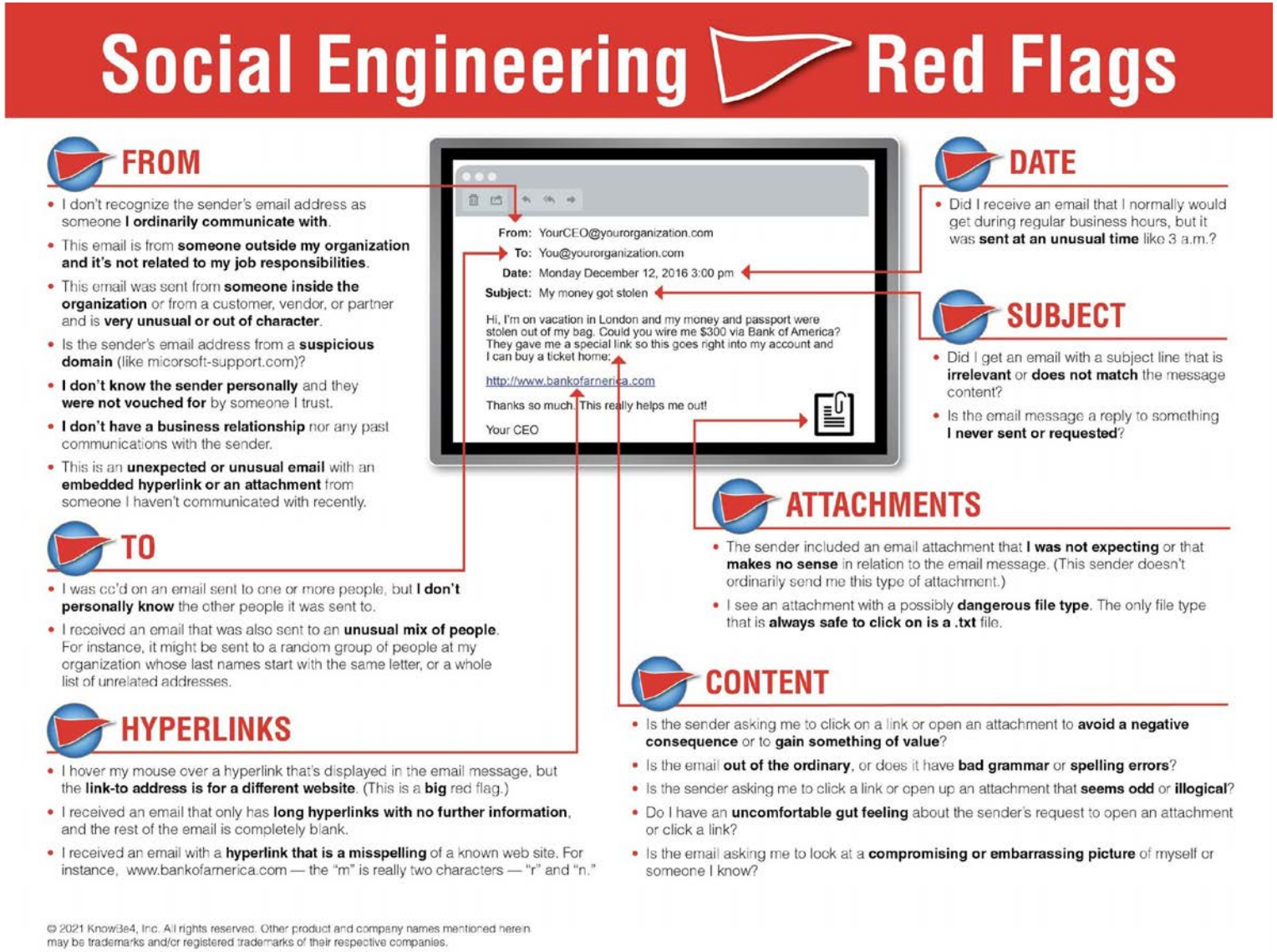
# Additional Information



# Social Engineering Red Flags



# Additional Resources

**Security Training**

- Coursera: https://www.coursera.org/search?query=cybersecurity%20for%20everyone
- Phished: https://phished.io/
- KnowBe4: https://www.knowbe4.com/

**Anti-Virus Software**

- McAfee: https://www.mcafee.com/en-us/abt/2023/pp/antivirus-ctl.html
- BitDefender: https://www.bitdefender.com/solutions/antivirus.html

**Backup Services**

- Backblaze: https://www.backblaze.com/cloud-backup
- Crashplan: https://www.crashplan.com/
- IDrive: https://www.idrive.com/

**Password Managers**

- BitWarden: https://bitwarden.com/
- 1Password: https://1password.com/