



Cybersecurity Essentials



You are their #1 Target!





Stew Lambert

Lambert Technology Solutions

slambert@lambertsolutions.com

www.lambertsolutions.com

630-357-2047

Current State of Events



Phishing Attacks up 600% since January



Google stops 260 million spam messages per day.



71% of breaches were financially motivated and 25% were motivated by espionage

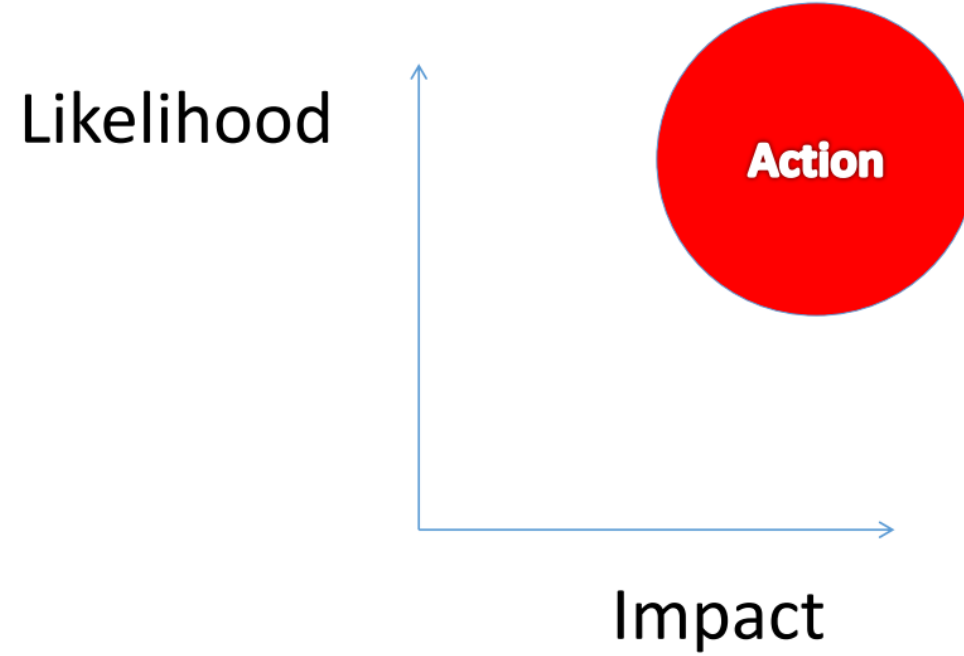


52% of breaches featured hacking, 28% involved malware and 32–33% included phishing or social engineering

*“Hackers and Scammers
never let a good crisis go
to waste.”*

Security Principles

“How Security Works”



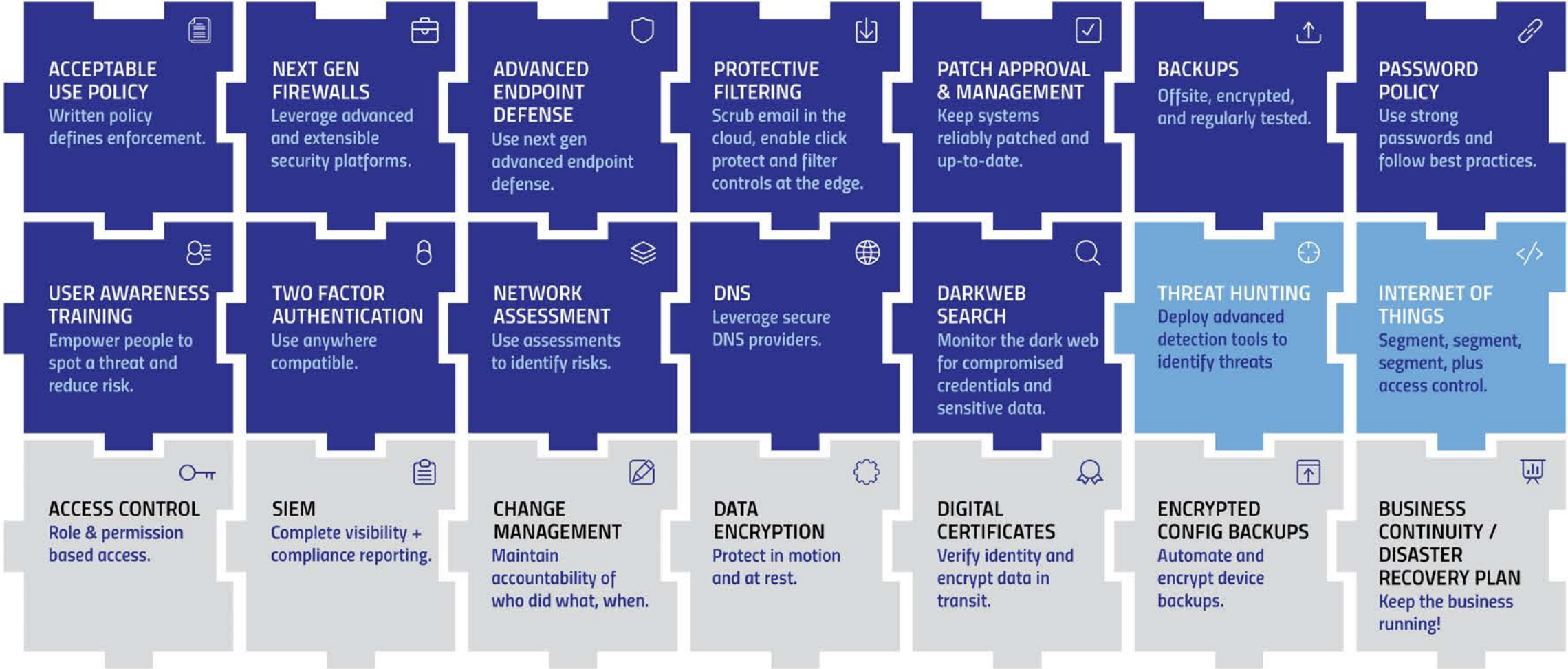
Risk

The One Thing You **NEED** to **KNOW**



THE FUNDAMENTAL BLOCKS

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Social Media

- Have a written company policy.
- Cautious of what you post.
- Avoid Quizzes.
- Personal Information.



Passwords & 2FA

- Passphrases vs Passwords
- Password Manager
- 2FA on Everything



Firewall

- Next Generation Firewall
- IPS
- Sandboxing
- SSL Inspection





Endpoint Protection

- Antivirus is becoming less relevant
- Endpoint Detection and Response
- Signature vs. Behavioral



Email Protection

- Spam protection with Antivirus scanning
- URL protection
- Sandboxing

Reading URLs



<https://nam04.safelinks.protection.outlook.com/?url=https://Finfograph.venngage.com/pl/F7bqeGvB51iE&data=01|01|michaelg@XXX.XXX|efded1241a04477e59308d793b6d668|d68e8298207a488593d3ab345f16d15b|0&sdata=nSflfvjgospUCkPYwWy2Y62hzTtkP+BSrFUWsNpCIYU=&reserved=0>

Verify Email Addresses

slambert@lambertsolutions.com
slambert@lambertsolutions.com
slambert@lambertsolutions.com

Dark Web

- What is the Dark Web?
- Why monitor the Dark Web?
- 555,278,657 real world passwords from previous breaches.
- haveibeenpwned.com



Training

- Security & Awareness Training
- Phishing Simulation



Backups

- Vital to cybersecurity defense
- Image vs File
- Offsite
- Encrypted
- Regular Testing



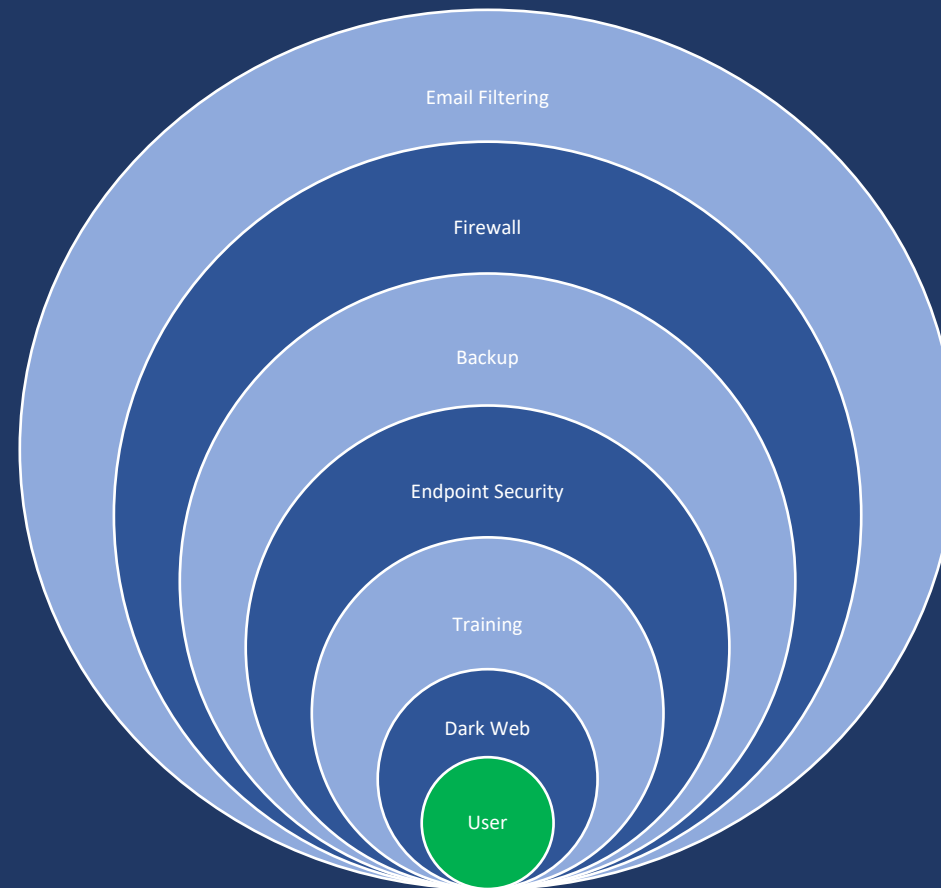


CYBER INSURANCE

NOT OPTIONAL!

- Talk to your insurance provider
- Relatively inexpensive.
- Provides the means to continue business in the event of a cyber event.

Layered Defense



Final Thoughts

- Security should always be top of mind.
- Keep a separation between business and personal computing
- Do not download business files to personal equipment.
- Be extra cautious with financial transactions.
- When in doubt, pick up the phone.





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