



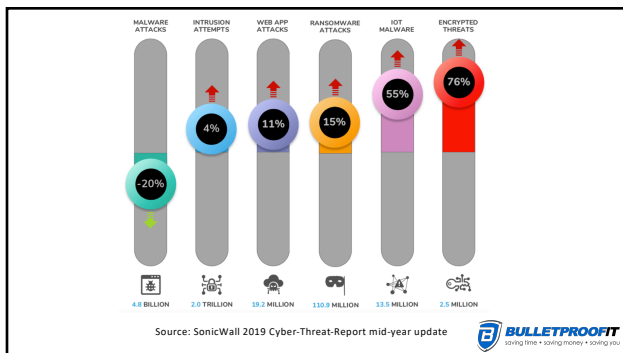
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Introduction

- René Sloos - MCT, MCSE, CNE, CSSA
- Technical Account Manager at Bulletproof IT
- Managed Service Provider for ~70 organizations
 - Municipalities
 - Oil & Gas
 - Medical
 - Accounting
 - Construction

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Georgia hit by Cyber Attack



A huge cyber-attack has knocked out more than 2,000 websites, as well as the national TV station - in the country of Georgia.

Source: bbc.com October 28, 2019



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Other examples

- Crypto virus wipes server and USB Backup
- Email Hijack
 - Clients vendor sent a bill
 - Clients CFO sent malicious payment instructions



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Hacked public sites 2018 -2019



Source: Wikipedia – List of Data Breaches



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What's the process?

- Public sites get hacked
- Account information is collected and sold on the Dark Web
- Accounts are researched
 - Company sites
 - Social Media
- Information is used to hack accounts using similar passwords



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How to avoid it?

- Better password hygiene
- Use a multi-level protection strategy
- Have a multi-level backup strategy
- Train your users



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Better Password Hygiene

- Use unique passwords for every account
- Use a password manager (i.e. Lastpass)
- Implement 2-Factor authentication
- Do not write down passwords on stickies



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Multi Level Protection Strategy

- Implement Firewalls with Active Security subscriptions
- Implement a Cloud Security Solution
- Implement centralized End-Point AV Solution
- Monitor the network for signs of encryption



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Multi Level Backup Strategy

- Implement Volume Shadow Copies on Windows Servers
- Create a local backup to a NAS (not USB connected)
- Cloud backup



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Train your users

- Train the "Human Firewall"
- Monitor training completion
- Measure progress by testing your users



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Train your users

- Do your users know the difference?
 - Phishing
 - Smishing
 - Vishing
- Implement external message warning



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Security Tips

- Improve the strength of your password
- Use passphrases
- Never use personal or obvious information in your password
- Never use the same password for multiple accounts
- Use a password manager (i.e. Lastpass)
- Check if your account has been compromised



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<https://haveibeenpwned.com/>

'--have i been pwned?

Check if you have an account that has been compromised in a data breach

email address

pwned?



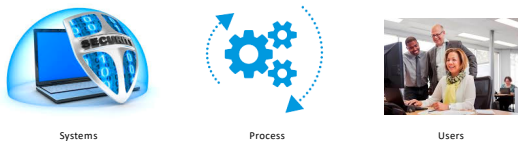
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Products we use to keep our clients protected



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What is the weakest link in Cyber Security?



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Questions?



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