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Is Your Traditional Security Stack Giving You a False Sense of Security?

Featuring Kevin Mitnick

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NEWS

Anything can have vulnerabilities

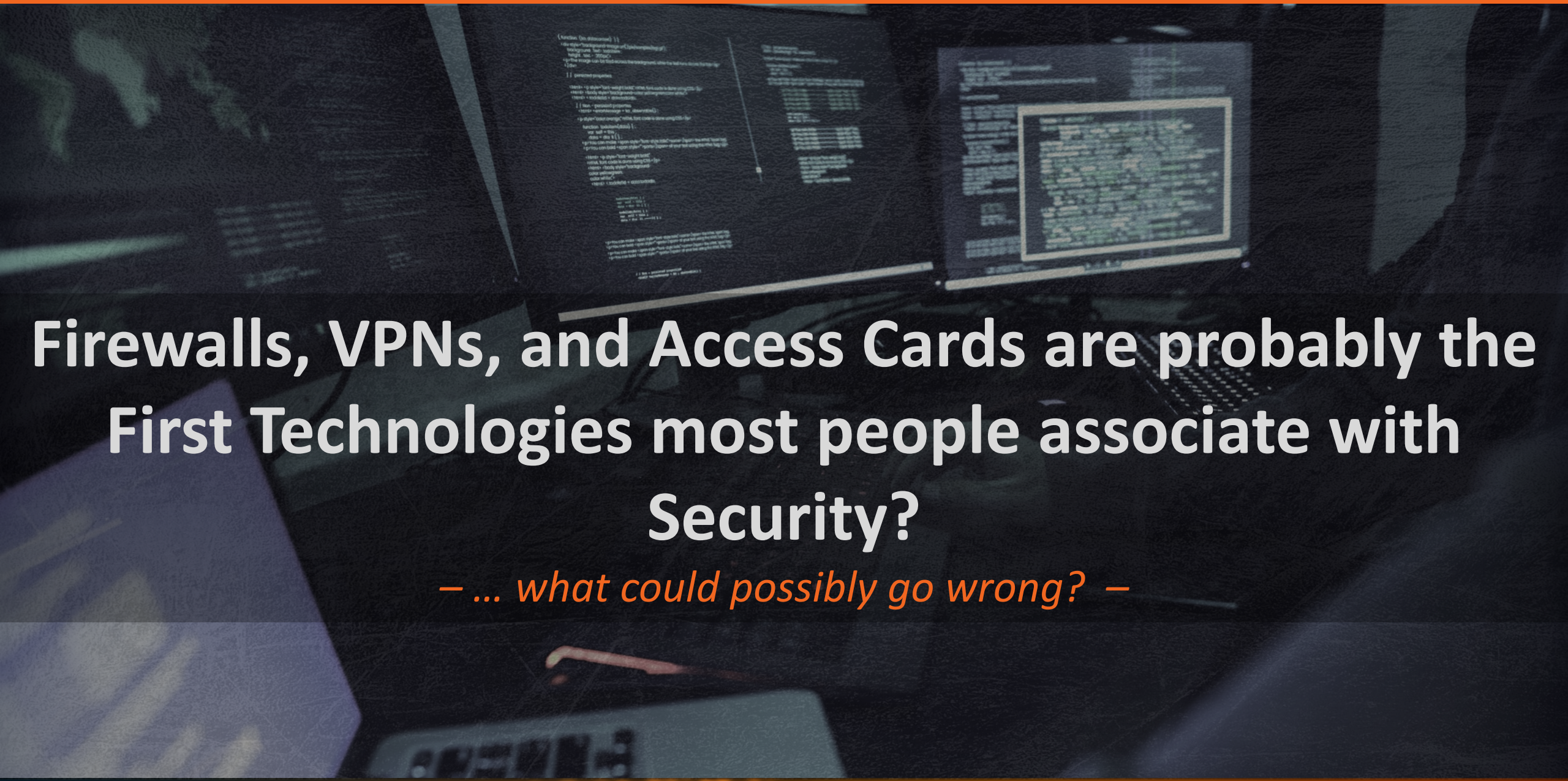
- Software-based vulnerabilities
- Hardware-based vulnerabilities
- Implementation issues
- Configuration issues
- Process issues
- … and *more*

The 3 biggest breach causes are:

Human Error, Unpatched Systems, Trust-chain issues

Warning:

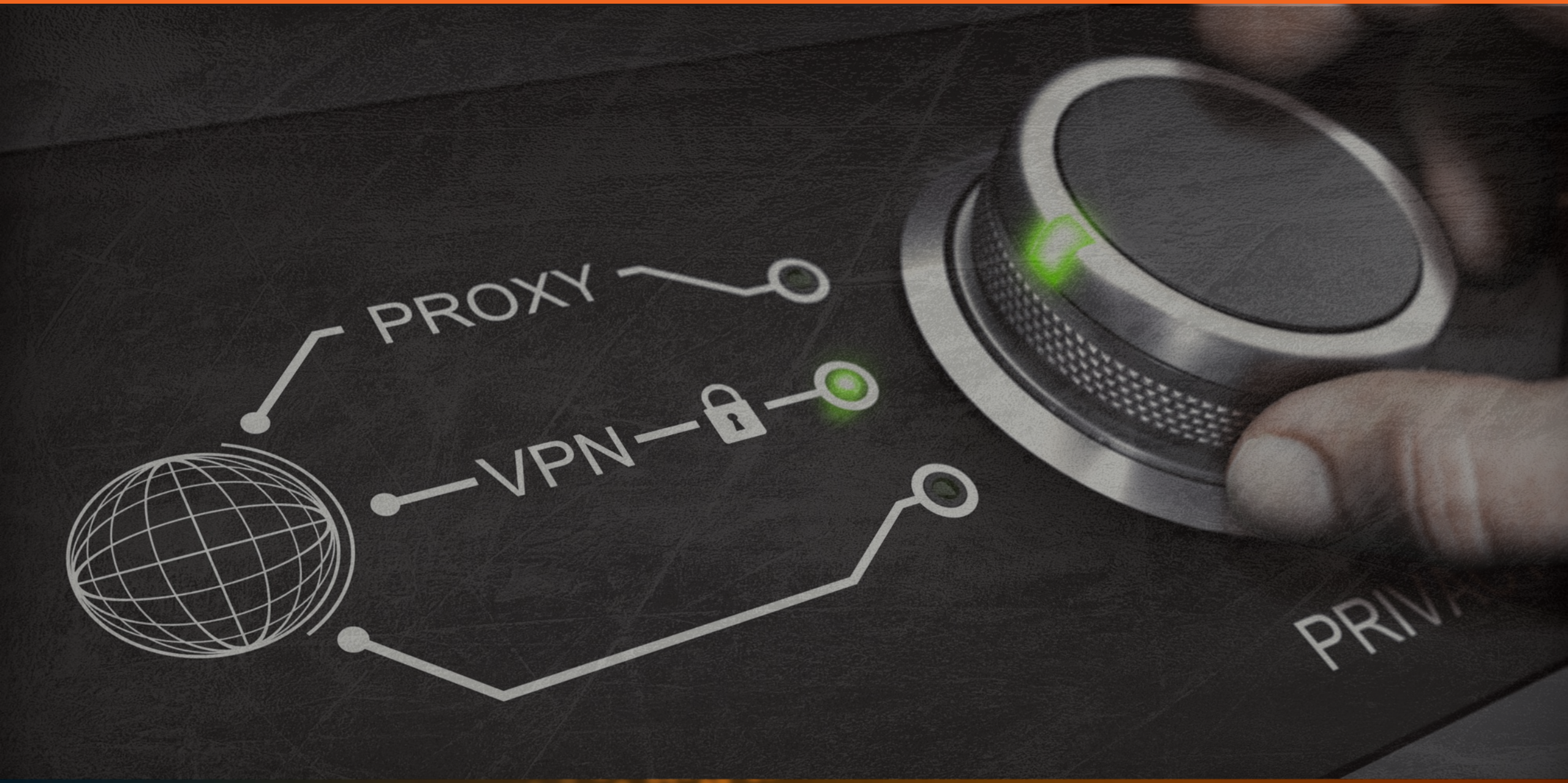
Pointing out issues does not mean we are saying that the technology is useless.



Firewalls, VPNs, and Access Cards are probably the First Technologies most people associate with Security?

– … what could possibly go wrong? –

Demo


PROXY
VPN

Demo

Demo

Demo

Defender Tips

1. User Awareness Training
2. Have an up-to-date network topology map
3. Implement proper password management
4. Patch rigorously!
5. Disable unnecessary services and harden your systems

6. Configure Microsoft LAPS to manage local administrator passwords
7. Test your vulnerabilities and defenses
8. Enable logging and use a SIEM
9. Setup Multi-Factor Authentication on externally-facing systems and all cloud services
10. Regularly check if your users' passwords have been breached

Final Thoughts & Takeaways

Thank You

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