I.T. Services

PROTECTING YOUR SYSTEMS FROM UNAUTHORIZED ACCESS

Take the journey with Complacency Carl and Visionary Veronica and discover how to leverage better systems access controls.

THE PROBLEM

Visionary Veronica and Complacency Carl are business owners and local competitors. They're having a meeting with Tim, a Managed Service Provider, who is walking them through enhancing their security with Multifactor Authentication (MFA). Tim says it can help keep bad guys from stealing their data or installing ransomware on their company systems, but Carl isn't sure about it at all.

"You mean I must put in my password PLUS an access code that's sent to my smartphone? Sounds like extra steps. It's just going to slow me down. After all, my password's good enough."

"Well, Carl, it's up to you, but evidence has shown us that passwords alone aren't enough to keep the bad guys out of your systems."

"I think it makes sense, I have my smart-phone with me all the time anyway, and somebody once told me that cybercriminals can use something called 'brute force attacks' to discover passwords. A second barrier to entry is logical – I'm in."

Ransomware by the Numbers 2021

37% hit with ransomware
- of organizations surveyed[1]

32% had to pay ransom to get data back[1]

Only **65%** of encrypted data restored after ransom payment[1]

Ransomware "industry" set to steal **$20 Billion** this year[2]

A business is attacked with ransomware every **11 seconds**[2]

1(source: Sophos - https://www.sophos.com/en-us/medialibrary/pdfs/whitepaper/sophos-state-of-ran-somware-2021-wp.pdf?cmp=120469 – Accessed 2021-07-07)
2(source: Cybercrime Magazine - https://cybersecurityventures.com/global-ransomware-damage-costs-predicted-to-reach-20-billion-usd-by-2021/ - Accessed 2021-07-07)

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And so, over the next few days, MSP Tim went to work updating all of Veronica's systems with Multifactor Authentication access protocols.

"I'm so glad we took these extra steps. I like making it hard for criminals.

HELD FOR RANSOM

What!!!! Pay a ransom to regain access to my own data? I can't afford a ransom… much less lost time and revenue.

HOW IN THE WORLD DID THIS HAPPEN? – I'm calling MSP Tim.

"Hi Carl. Yes, I was afraid something like this might happen. We had talked about this possibility…"

Silence.

"I'm going to do what I can to help you recover from this Carl, but it's going to take a while and cost you some money."

In the meantime, across town, Veronica and her team are working at full throttle. Picking up the jobs – and the money – that Carl and his team are leaving on the table because they're locked out of their systems.

MULTIFACTOR AUTHENTICATION (MFA)
Not a nuisance. – Not a waste of time. – A critical defensive tool in your fight against criminal access to your systems.

Need more information?

Contact PenTeleData I.T. Services:
www.penteledata.net/IT

Normal Business Hours: 8am - 5pm M-F
800-331-5060 | itservices@corp.ptd.net

After hours: Contact PenTeleData NCC at 800-281-3564 option 2
(requires work authorization)

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