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Information Technology (IT) Security

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IT Security Is Complex

Let's Simplify – Top Cyber Threats

Social Engineering

Attackers create social situations that encourage you to share your password.

Password Attack

Attackers use a number of methods to break a username or to discover a password.

SQL Injection

A hacker injects harmful information into a SQL statement with a Security vulnerability.

Eavesdropping

Hackers monitor the platform's traffic and the job it does.

Denial of Service (DDoS)

This is an intrusion utilized to remove links to machine services by inserting malicious traffic into the database.

Malware Attack

This is a malicious program that disrupts or damages the computer.

Phishing

Bait is sent by the intruder, often as an email. It allows people to communicate their information.

IT Security Activities Underway in Wespath

- Upgrading our laptops, desktops and mobile phones

- Moving to **zero trust security** – we trust no one, even in our own building

- **Multi-factor authentication** everywhere

- **Very complex passwords** – 16 characters, upper/ lower case, number and special characters

- Guest WiFi password is complex and changes monthly

- Upgrading our **Data Loss Prevention** (DLP) tools

Actions You Can Take

1. Create a cadence of **regular system updates** (phones, laptops, desktops, etc.)

2. Use **multi-factor authentication** everywhere

3. Implement **very complex passwords** – 16 characters, upper/lower case, numbers and special characters

4. Have a complex guest WiFi password and change it monthly

5. Ensure complex WiFi passwords and hide SSIDs

6. **Educate, educate, educate your staff** about phishing

7. **Protect yourself**

Questions