Top 10 IT Tips for Enhancing Cybersecurity

Achieving business objectives and maintaining security are leading business priorities. Learning to protect your data and systems from threats requires a layered approach bolstered by industry-leading technology and expert guidance for proper execution.

Here are ten tips to help evaluate and elevate cybersecurity:

1 Elevate Employee Training

Empowered employees go beyond effective software utilization. They uphold stringent security practices and remain constantly vigilant of potential security threats. This is your first line of defense, and depth in training ensures your people are well-prepared and informed.

2 Conduct Regular Security Audits

Approaching each audit with a plan for every unique platform ensures a thorough and timely evaluation and minimizes the potential for operational disruption. Security audits help identify vulnerabilities to prevent future interruptions or malfunctions.

3 Initiate Multi-Factor Authentication (MFA)

Implement MFA for every system and software where possible. Tailored MFA approaches fortify access control and identity verification, minimizing the risk of unauthorized entry so that every employee or third-party user must be granted access to sensitive information.

4 Align Vendor Security with System Standards

Closely examine vendor security practices, ensuring alignment with the security standards set forth by your business and systems. Third-party risks can be effectively mitigated by working with trusted, vetted partners.

5 Run Software Updates & Patch Cycles

Regularly update software and stay ahead of patch cycles to mitigate security deficiencies or known vulnerabilities. Regular updates improve cybersecurity and ensure systems are running as efficiently as possible so that you benefit from the latest updates, tools and capabilities.

6 Encrypt Sensitive Data

Encryption is a bedrock for maintaining integrity and safeguarding sensitive data on your servers and during transmission. Microsoft, IBM, Infor, and most software systems have multiple methods for encrypting data. Understanding how to leverage each is critical for internal and external information.

7 Fortify Firewalls & Network Defense

Utilize robust firewall solutions and dedicated security tools to identify and prevent intrusions in real time, significantly improving your overall cybersecurity posture. Data is constantly under threat from outside sources, so ensuring defenses both inside and out is vital.

8 Establish Resilient Recovery Plans

Implement reliable data backup and recovery strategies that ensure business continuity in the face of cyber incidents. Map out your incident response and data restoration plans and verify that all necessary parties are privy to their roles in the wake of such an event.

9 Adapt to Emerging Technologies

Technology is constantly evolving, as are threats to security and safety. Cybersecurity is a race that doesn't end, so it's imperative to stay ahead with the proper vigilance and awareness. Regular updates and iterative improvements are crucial to avoiding potential risks with digital assets.

10 Consult a Full-Service Managed Service Provider (MSP)

Collaborating with a full-service MSP specializing in cybersecurity offers unparalleled advantages. At Custom IT Solutions (CIT), we facilitate the implementation and management of hardware and software and ensure IT systems run at peak performance through critical updates, audits, and verifications.

We empower you to focus on core operations while we focus on security and keeping your business in compliance. We're real people, deeply involved in the nuances of your platforms and motivated by your success.

Contact CIT for a free security assessment and consultation.

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Ready to get started? Scan to get in touch with a Microsoft expert!

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