

15 Ways We Protect Your Business from a Cyber Attack



DID YOU KNOW?

- **Two-thirds** of small businesses have been **cyber attacked** in the past year.
- The average cost of a data breach has risen to **\$3.7 million**.
- In 2020, cyberattacks increased by **300%** (per the FBI).
- Most breaches take **six months to detect**.
- **95%** of breaches can be **prevented** with common-sense security approaches.

Carmichael Consulting can help you select, implement and manage every safeguard on this list.



Security Assessment

Assessments are a critical activity and first line of defense that lets firms establish a baseline and close existing vulnerabilities.



Email Protection

Most attacks originate in email, and choosing the right service will reduce spam and minimize your staff's exposure to email-based threats.



Secure Passwords & Other Policies

Policies are vital protection to deny/limit user access to USB and other external storage, strengthen password policies, set user screen timeouts and more.



Security Awareness

Web-based training solutions and "strong and ready" security policies promote staff education about data security, email attacks, and policies and procedures.



Advanced Endpoint Detection & Response

Replace outdated anti-virus solutions and safeguard computers and data from malware, viruses and cyber attack – even script-based threats and ransomware.



Multi-Factor Authentication

Implement multi-factor authentication wherever possible including on your network, financial websites and even social media to ensure that even if a password is stolen, data stays protected.



Software Updates

An automated, "critical update" service protects your computers from the latest known attacks and maintains updates on popular programs from Microsoft, Adobe, Java and other providers.



Dark Web Research

Know in real-time what passwords and accounts have been posted on the Dark Web so you can be proactive in data breach prevention. Dark Web scans let you act quickly to protect your business from stolen credentials that are posted for sale.



SIEM/Log Management

(Security Incident & Event Management)
Leverage big-data engines to review event and security logs from all covered devices to defend your firm against advanced threats and meet compliance requirements.



Firewall

With intrusion detection and intrusion prevention features turned on, you can automatically send log files to a managed SIEM.



Web Gateway Security

Cloud-based security detects web and email threats in real time, as they emerge on the Internet, and blocks them on your network in seconds before they reach the user.



Encryption

File encryption is a proven security mechanism. For greatest protection, deploy a solution that encrypts them in transit and at rest (where stored) — even on mobile devices.



Mobile Device Security

Employee phones and tablets are a primary attack vector for cyber criminals to steal data or access your network. Mobile device security closes this security hole.



Backup

Backup is always your last line of defense. Ideally you should backup up locally and off site. If you are only doing one backup, make it to the cloud. And make sure it's working, test often if you are unsure.



Cyber Insurance

For those who want business protection no matter what, cyber damage and recovery insurance policies are the final line of defense.

Call us to determine which plan is best for you and get started securing your business today.

	Deadbolt	Strongbox	Vault
24x7 Help Desk	✓	✓	✓
Remote Monitoring and Management	✓	✓	✓
Software Patch Management	✓	✓	✓
IT Procurement Assistance	✓	✓	✓
Account Reviews	Annual	Bi-Annual	Quarterly
Dark Web Monitoring		✓	✓
Endpoint Detection and Response		✓	✓
Email Security		✓	✓
Disaster Recovery		✓	✓
Cloud Backup		Files and Folders	Full
MFA		Bundled Tools	Full
Security Awareness Training			✓
24/7/365 Security Operations Center			✓
Compliance			✓
Mobile Device Management	For Additional Cost	For Additional Cost	For Additional Cost
Penetration Testing	For Additional Cost	For Additional Cost	For Additional Cost
Per Seat Price	\$100	\$125	\$150
On Boarding (one time fee)	\$1,000	\$1,000	\$1,000