Cybercrime is big business

Is your business protected 24/7?

Secure email and document sharing

Secure firewall

Secure data backup

24/7 monitoring system

Secure your business

Security key hardware

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NT IT are your cybercrime protection specialists.

How does cybercrime happen?

Cybercrime is just as it sounds – a criminal act that happens online. Small businesses are an especially lucrative target, which is why we've put together a 5-step plan to help protect your business.

How do we prevent cybercrime?

We recommend that every business owner is aware of how cybercrime can affect them and stays diligent in keeping up security practices to help prevent attacks. Training and awareness for employees is also critical for cybercrime prevention.

To help keep your business protected, we recommend this 5-step plan:

1. Have a secure firewall in place

2. Switch to secure cloud-based email management and document sharing

3. Set up a secure cloud-based data backup solution

4. Sign up for 24/7 monitoring

5. Use a security key instead of passwords

Not all businesses are the same, and we can tailor a cyber security solution to your needs.

Step 1
Have a secure firewall in place

Why do I need this?

A firewall monitors traffic coming in and out of your network – and it can block selected traffic, as a preventative measure against cybercriminal tactics (such as ransomware).

Product recommendation: Sophos Firewall

How does it work?

Sophos Firewall packs a ton of capability into a single product – including deep learning AI, intelligent data sharing and adaptive response. This provided ironclad protection for businesses of all sizes – as well as unmatched visibility, protection and response.

Visibility

- Easy to monitor control centre, providing both user and device insights, including:
  - » Compromised systems
  - » Unknown applications
  - » Malicious payloads
  - » Advanced threats
  - » Riskiest users
  - » System performance
  - » Network utilisation
  - » How encrypted traffic is being handled
- User-friendly comprehensive reporting and ability to flexibly amend firewall, NAT and inspection rules for optimum protection

Protection

- Powered by XSTREAM flow processors, performance and protection are at a new level.
- Deep packet inspection provides high performance scanning for all types of threats at once.
- Suspicious files are analysed by multiple machine learning models to identify new threats and ransomware before they reach your network.
- Industry leading visibility and protection for encrypted traffic flows.
- Advanced threat protection blocks threats immediately.
- Your Sophos appliance is combined with a license per user installed on each device, protecting your entire network.
- Users are still protected when a device is taken off-site.

Response

- Dynamic policies, synchronised security and security heartbeat features automatically limit network access and isolate any device that has become compromised – preventing breaches and ransomware from spreading or stealing data.
- Identifies 100% of all application traffic to optimise performance and routing to accelerate your trusted priority applications for maximum productivity.
- Allows you to put your network on autopilot, with peace of mind that you're protected.

Step 2
Switch to secure cloud-based email management and document sharing

Why do I need this?

Email is a common source of entry for cybercrime and utilising cloud-based systems allows for more flexibility, scalability, and reliability for your team. Sharing files and email via cloud also protects your organisations sensitive data from flood, fire, or other natural disasters.

Product recommendation: Microsoft 365

How does it work?
- Microsoft 365 has the applications we are all familiar with – no new programs to learn
- Added protection with in-built Microsoft security
- Access your emails, documents, and programs from anywhere, anytime
- Only pay for what you need

Step 3
Set up a secure cloud-based data backup solution

Why do I need this?

Reduce risk to your business with automated continuous backups, giving you peace of mind that your data can be recovered, whether critical emails or files are lost by error, accident, or malicious deletion.

Product recommendation: Datto

How does it work?
- Back up not just files and folders, but collaboration tools such as Microsoft Teams, SharePoint, OneDrive, and Google Drive
- Includes three daily automated backups, perform additional backups as needed
- Recovers lost data quickly whilst retaining file and folder structure

Step 4
Sign up for 24/7 monitoring

Why do I need this?

There is no such thing as 'set and forget' for cyber security and being proactive is essential. If something does require attention, we provide rapid responses to faults and your questions, providing peace of mind.

Product recommendation: RAG System Status – Red, Amber, Green Alerts

SYSTEM IS WORKING AS DESIGNED

PROVIDES AN ALERT OF AN UPCOMING, OR NON-CRITICAL EVENT

REQUIRES URGENT ATTENTION

How does it work?

- Rapid response to faults and questions
- Access to training and advice
- Manual system checking
- Monthly reporting of events, systems, health, and concerns
- Reduced hourly rate if work is required
- Expertise to consult on suitability of new software, hardware, and their possible impacts
- Preventative solutions and less downtime for your business

Step 5
Use a security key instead of passwords

Why do I need this?

The top 3 cyber threats for SMBs (small and medium businesses) are ransomware, phishing and malware. Modern MFA (multi-factor authentication), such as hardware security keys, stop phishing attacks and account takeovers in their tracks. Legacy approaches like SMS, one-time passwords and mobile push apps just don't work.

Product recommendation: Yubico Yubikey

yubico

How does it work?
- YubiKey is a small security key which is either inserted into your device or taken with you (small enough for your keychain).
- It provides phishing-resistant two-factor, multi-factor, and passwordless authentication.
- Users don't need to install anything and can use the YubiKey in minutes.
- The YubiKey is reliable because it does not require a battery or cellular connectivity, so it's always on and accessible.

Did you know? 90% of all internet breaches are due to stolen login credentials?

NT IT are trusted for service. Let us help protect your business.

Contact us today to discuss how we can provide a tailored security solution for your business.

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P: (08) 8935 6666
E: info@ntit.net.au

7/14 Winnellie Rd,
Winnellie NT 0820

ntit.net.au

ne.connect

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