# [A black letter on a white background AI-generated content may be incorrect.](http://www.vemo.co.nz/)

# IT Risk Assessment Worksheet for NZ Businesses

Identify, Assess, and Mitigate Your IT Risks — Before They Become Expensive Problems

For New Zealand SMEs looking to explore where AI can make a difference—without the hype.

## Why This Worksheet Matters

Many New Zealand businesses don’t discover their IT risks until it’s too late — after a cyber attack, outage, data loss, or failed audit. This worksheet is designed to help SMEs proactively assess their IT environment and uncover hidden vulnerabilities across devices, data, access, and systems.

Whether you're preparing for a cyber insurance application, complying with Essential 8 or NIST 2.0, or just trying to sleep better at night, this practical tool helps you take stock, take control, and take action.

## What You’ll Get From This Exercise

* A practical, no-jargon understanding of your IT risk exposure
* A list of high-priority fixes you can action internally or with your IT provider
* Confidence when applying for cyber insurance or tendering for contracts
* A consistent process to repeat annually or after business changes
* A way to show leadership and staff that IT is being managed proactively

# ****IT Risk Assessment Scoring Worksheet****

**Rate each question from 1 to 5.**

|  |  |
| --- | --- |
| Score | Meaning |
| 1 | No controls in place / Not addressed at all |
| 2 | Partially considered, not yet implemented |
| 3 | Implemented but not enforced or reviewed |
| 4 | Implemented and partially monitored |
| 5 | Fully implemented, reviewed, and working well |

## Question 1: Device & Endpoint Security

How well are your devices protected?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question | What It Means | Why It Matters | What Could Go Wrong | Your Score (1–5) |
| Do all company devices have antivirus or endpoint protection (EDR)? | EDR detects and stops malicious activity on devices. | It blocks ransomware, viruses, and unauthorised access. | Malware can spread silently and damage systems. |  |
| Are operating systems and software patched regularly? | Updates fix security holes in Windows/macOS or apps. | Unpatched systems are an easy entry point for attackers. | Hackers can exploit outdated software to take control. |  |
| Are staff using only company-managed devices (no BYOD)? | BYOD = Bring Your Own Device (personal laptops/phones). | Company devices can be secured, monitored, and wiped. | Sensitive data might be exposed or lost on personal devices. |  |
| Are mobile phones used for work protected with PINs or biometrics? | Devices should be locked when idle. | Prevents access to business email or cloud apps if stolen. | A stolen phone could give access to your inbox, files, or apps. |  |
| Are USB drives restricted or encrypted? | USBs can carry malware or leak data. | Limits risky file transfers and data loss. | Data could be stolen, or malware brought in from home. |  |

Section Score (out of 25): \_\_\_\_\_\_\_

## Question 2: Access & Identity Management

**Who can access your systems — and how securely?**  
If someone gets in who shouldn’t, the damage can be serious and fast.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question | What It Means | Why It Matters | What Could Go Wrong | Your Score (1–5) |
| Are access levels based on job roles (least privilege)? | People should only access what they need to do their job. | Limits accidental damage or exposure of sensitive data. | Junior staff could delete financial records by mistake. |  |
| Are shared logins avoided? | Every user should have their own login. | Allows tracking, auditing, and accountability. | If something goes wrong, you can’t see who did it. |  |
| Is MFA enabled for all critical systems? | MFA = Multi-Factor Authentication (password + code). | Stops attackers even if passwords are leaked. | Without MFA, stolen credentials give full access. |  |
| Are ex-staff accounts deactivated immediately? | Disable logins as soon as someone leaves. | Prevents unauthorised access or sabotage. | A former employee could log in and delete data. |  |
| Is access to sensitive data monitored and logged? | Track who accesses critical files and systems. | Helps detect breaches or insider threats. | You won’t know who accessed what — or when. |  |

**Section Score (out of 25):** \_\_\_\_\_\_\_

## ****Question 3. Backups & Business Continuity****

**If something goes wrong, can you get your data and systems back quickly?**  
This is your business insurance when disaster strikes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question | What It Means | Why It Matters | What Could Go Wrong | Your Score (1–5) |
| Do staff receive regular cyber awareness training? | Learn how to spot phishing and scams. | Reduces human error and risky behaviour. | A click on a fake invoice could trigger ransomware. |  |
| Do you have email filtering in place? | Automatically blocks dangerous or spam emails. | Reduces phishing and malware reaching staff. | Risky emails land in inboxes and get clicked. |  |
| Is there an easy way to report suspicious emails? | Staff should be able to flag and get help fast. | Speeds up response and avoids repeat mistakes. | Staff ignore threats, or respond incorrectly. |  |
| Do you use password managers? | Store and autofill secure passwords. | Stops reuse of weak or repeated passwords. | One hacked password can lead to full system access. |  |
| Do you have a process for when someone clicks a bad link? | What happens if someone makes a mistake? | Containment and quick response matter. | Without a plan, infections spread quickly. |  |

**Section Score (out of 25):** \_\_\_\_\_\_\_

## ****Question 4.**** Policy, Governance & Documentation

Is your IT environment structured, documented, and managed properly?  
Without visibility, things fall through the cracks.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question | What It Means | Why It Matters | What Could Go Wrong | Your Score (1–5) |
| Do you have an IT policy staff must follow? | Covers devices, apps, passwords, and behaviours. | Sets expectations and accountability. | Staff use weak passwords or risky apps without knowing. |  |
| Do you maintain an asset register? | A list of all hardware and software. | You can’t protect what you don’t track. | Lost laptops, expired licenses, or missed renewals. |  |
| Do you have policies for AI, remote work, and passwords? | Written guidelines for how modern tools are used. | Clarifies what’s allowed, what’s not. | Staff might unknowingly expose data through apps. |  |
| Are vendor responsibilities documented? | Know who supports what and who to call. | Speeds up support and reduces miscommunication. | Delays and finger-pointing when issues arise. |  |
| Do you track system uptime or recurring IT issues? | Regular metrics or logs. | Helps you spot patterns and fix root causes. | You keep solving symptoms, not causes. |  |

**Section Score (out of 25):** \_\_\_\_\_\_\_

## Question 5: Email, Phishing & Staff Awareness

Are your people prepared to deal with scams, phishing, and cyber threats?  
The #1 cause of breaches isn’t tech — it’s people.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question | What It Means | Why It Matters | What Could Go Wrong | Your Score (1–5) |
| Do staff receive regular cyber awareness training? | Learn how to spot phishing and scams. | Reduces human error and risky behaviour. | A click on a fake invoice could trigger ransomware. |  |
| Do you have email filtering in place? | Automatically blocks dangerous or spam emails. | Reduces phishing and malware reaching staff. | Risky emails land in inboxes and get clicked. |  |
| Is there an easy way to report suspicious emails? | Staff should be able to flag and get help fast. | Speeds up response and avoids repeat mistakes. | Staff ignore threats, or respond incorrectly. |  |
| Do you use password managers? | Store and autofill secure passwords. | Stops reuse of weak or repeated passwords. | One hacked password can lead to full system access. |  |
| Do you have a process for when someone clicks a bad link? | What happens if someone makes a mistake? | Containment and quick response matter. | Without a plan, infections spread quickly. |  |

# Your Results: IT Risk Assessment Scoring Summary

## Step 1: Transfer Your Section Scores

|  |  |
| --- | --- |
| Section | Your Score (out of 25) |
| Device & Endpoint Security | \_\_\_\_\_\_ |
| Access & Identity Management | \_\_\_\_\_\_ |
| Backups & Business Continuity | \_\_\_\_\_\_ |
| Policy, Governance & Documentation | \_\_\_\_\_\_ |
| Email, Phishing & Staff Awareness | \_\_\_\_\_\_ |

## Step 2: Interpret Each Section

Use the table below to interpret each section’s score:

|  |  |  |
| --- | --- | --- |
| Score Range | What It Means | Action Required |
| 21–25 | Excellent | Maintain and monitor. No immediate action needed. |
| 16–20 | Good | Small improvements can boost resilience. |
| 11–15 | Concerning | Gaps exist — prioritise improvement. |
| 0–10 | High Risk | Immediate action required to reduce vulnerability. |

Highlight any section **scoring under 15** — this is a key exposure area in your IT environment.

## Step 3: Identify Your Weakest Link

Your **lowest-scoring section** is the one most likely to expose your business to risk.  
Start there.

Examples:

* If **Device & Endpoint Security** is your lowest: Improve antivirus, patching, device control.
* If **Access & Identity** is lowest: Enforce MFA, disable shared logins, review account removals.
* If **Backups & Continuity** is lowest: Implement cloud/offsite backups and run restore tests.
* If **Email & Phishing** is lowest: Train staff, filter email, prepare response steps.
* If **Policy & Documentation** is lowest: Roll out simple, written IT policies and assign ownership.

## Step 4: Review Data & Security

1. Does it store or access sensitive client or business data?
2. Are there data privacy settings or NZ-compliant security options?
3. Do you need an AI Policy in place before rollout?

Use Vemo’s AI Policy Template to ensure your use is ethical, compliant, and secure.

## Optional: Overall IT Risk Score

Add up all 5 section scores:

**Total Score (out of 125):** \_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Total Score | Risk Level | Interpretation |
| 110–125 | Low Risk | Strong IT posture. Keep up the good work. |
| 90–109 | Moderate Risk | Solid base, but several areas need work. |
| Below 90 | High Risk | Significant weaknesses – start resolving top issues immediately. |

## Step 5: Next Steps

• Focus on your lowest-scoring section first

• Assign ownership and set deadlines for improvements

• [Book a 30-min IT Risk Review](https://vemo.co.nz/contact/) with Vemo to get tailored recommendations

• Repeat this assessment every 6–12 months, or after major IT/business changes

# Examples of How To Fix: IT Risk Solutions by Section

Use this table to plan your next steps. Start with your **lowest-scoring section** from the assessment.

## Device & Endpoint Security

|  |  |  |
| --- | --- | --- |
| Risk Identified | Why It’s a Problem | Recommended Fix |
| No antivirus or endpoint protection (EDR) | Malware can spread undetected | Install a modern EDR tool like CrowdStrike or Microsoft Defender for Business. |
| Devices not patched regularly | Hackers exploit outdated systems | Use automated patch management (e.g. Microsoft Intune or RMM software). |
| Staff use personal devices (BYOD) | No control or visibility | Issue managed company devices, or enforce BYOD policies with MDM tools. |
| Mobile devices lack screen lock | Anyone can access business apps | Enforce PIN/Face ID with mobile policies. Use mobile threat protection tools. |
| USB drives not restricted | Can import malware or leak data | Disable USB access via Group Policy or encrypt company-issued drives. |

## Access & Identity Management

|  |  |  |
| --- | --- | --- |
| Risk Identified | Why It’s a Problem | Recommended Fix |
| Users have broad or admin access | Increases breach potential | Apply role-based access control (RBAC). Review user roles quarterly. |
| Shared logins still used | No accountability or audit trail | Assign unique logins per user. Disable shared service accounts. |
| No MFA on key systems | Single point of failure if password is stolen | Turn on MFA for Microsoft 365, Google, VPNs, cloud apps. |
| Ex-staff still have account access | Security backdoor | Automate offboarding checklists. Set 24-hour deactivation rule. |
| No monitoring of sensitive data access | Breaches go unnoticed | Enable audit logs, review activity monthly. Tools: Microsoft Purview, Google audit logs. |

## Backups & Business Continuity

|  |  |  |
| --- | --- | --- |
| Risk Identified | Why It’s a Problem | Recommended Fix |
| Infrequent or manual backups | Recovery might not be possible | Use automated daily or hourly backup software. |
| Backups stored only onsite | At risk of fire, flood, theft | Use hybrid backup (local + cloud) or fully cloud-based backups. |
| No encryption on backups | Stolen backup = exposed data | Ensure backup data is encrypted at rest and in transit. |
| Never tested a restore | Backups might not work | Run quarterly restore tests. Document results. |
| No disaster recovery plan | Chaos during outages | Create a one-page DR plan with roles, steps, and contacts. Review annually. |

## Email, Phishing & Staff Awareness

|  |  |  |
| --- | --- | --- |
| Risk Identified | Why It’s a Problem | Recommended Fix |
| No staff training | Humans remain the weakest link | Run phishing simulations and short workshops (e.g. KnowBe4, Vemo-led sessions). |
| No email filtering | Malware and spam reach users | Implement Microsoft Defender, Mimecast, or Google spam protection. |
| Staff can’t easily report threats | Slows response and learning | Add a “Report Phishing” button or shared inbox (e.g. report@yourcompany.nz). |
| Password reuse across systems | Easy entry for attackers | Roll out a password manager like 1Password, Bitwarden, or Keeper. |
| No incident procedure if a phishing link is clicked | Delays containment and cleanup | Create a short, printed “What to do if you clicked” checklist and train teams. |

## Policy, Governance & Documentation

|  |  |  |
| --- | --- | --- |
| Risk Identified | Why It’s a Problem | Recommended Fix |
| No formal IT policy | Staff don’t know what’s expected | Use Vemo’s free IT Policy Template. Tailor for your team. |
| No asset register | Can’t track devices or software | Maintain a live asset list in Excel or RMM system. Include purchase dates. |
| No password or remote work policy | Confusion or risky behaviour | Create a basic Acceptable Use Policy (AUP) covering both. |
| No clarity on vendor roles | Support delayed during issues | Document who to call for internet, phones, backups, etc. Include escalation paths. |
| No visibility on uptime or issues | Trends missed, wasteful fixes | Use a simple IT log or status tracker to spot repeat issues. |

## Not Sure Where to Start?

Let’s make it simple.  
We offer a **Chief Information officer (CIO) for a day** to:

* Review your IT Risk Assessment
* Identify the fastest fixes with the biggest impact
* Build a clear, jargon-free action plan for your business

[Contact Vemo](https://vemo.co.nz/contact/) | [Book Your Free CIO for a Day](https://vemo.co.nz/free-cio-for-a-day/)