

Cyber risk

A key business risk; not an IT issue

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The cyber threat landscape



Understanding the scale and nature of cyber crime

- Cyber threats are often everyday issues like viruses, malware, basic information security breaches and human error rather than sophisticated hacking operations



Key risks

What are the key risks from a cyber security breach?



Operational and Reputational risk



Cyber risk can't be ring fenced

- Your customer / ratepayer relationships are at stake
- Public confidence in your ability to continuously provide all services, without compromise, is essential
- Global trend of increase in targeting of local authorities
- Senior management engagement is essential
- An integral part of your emergency and civil contingency planning

Key legal risks



Wide range of potential legal consequences

- Breach of privacy – reasonable steps to protect personal information from unauthorised disclosure and use
- Fair Trading Act – Statements about cyber security could be misleading and deceptive conduct in trade
- Breach of contract
 - *“We take your privacy seriously and comply with all relevant privacy laws. In accordance with the Privacy Act 1993, we will use reasonable security safeguards to protect your personal information against loss, access, modification, disclosure and other misuse.”*
 - *“Our systems provide extra security to keep your personal and financial information safe when using our systems online or on a mobile.you can trust our website.....”*
- Negligence



How can you prepare in advance?

Key steps to be cyber prepared



- Identify critical assets and information
- Empower decision-makers and engage experts
- Assess the risks
- Establish necessary level of protection:
 - IT – software as your first line of defence (Firewalls, encryption)
 - Staff training – your second line of defence
 - Policies and procedures, procurement and contracting
 - Cyber resilience – the role of cyber insurance
- Plan for the worst – cyber crisis management planning and practice



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