

# The cyber risk to your business

Organisations in all industries are subject to increasing amounts of legislative, corporate, and regulatory requirements to show that they are managing and protecting their information appropriately. Simultaneously, as recent headlines continue to confirm, cyber attacks are clearly growing in scale and incidents continue to be on the rise. Organisations are increasingly vulnerable as a result of technological advances and changing working practices including remote access, big data, cloud computing, social media, and mobile technology.



This is not a new threat and hackers have been infiltrating sensitive systems since the early 1990s. However, the focus on cyber security is increasing rapidly due to many high profile and highly disruptive/damaging security breaches threatening financial and physical damage across critical national and corporate infrastructures.

It is also increasingly common for buyers and large corporations to demand confidence in information management as a qualifier for lucrative contracts or partnerships. With the stakes so high, organisations must decide on their cyber risk appetite and how they will respond to cyber threats. There is a significant responsibility on boards, audit committees, and executives to ensure customers, stakeholders, and employees that appropriate safeguards are in place, commensurate with the risk, and nature and complexity of the business.

## What is the Cyber Maturity Assessment?

KPMG's Cyber Maturity Assessment (CMA) provides an in-depth review of an organisation's ability to protect its information assets and its readiness against cyber attack and insider threat.

It is exceptional in the market in that it looks beyond pure technical preparedness against cyber attack. It takes a rounded view of people, process, and technology to enable clients to understand areas of vulnerability, to identify and prioritise areas for remediation, and to demonstrate both corporate and operational compliance, turning information risk to business advantage.

In developing the assessment, KPMG has combined international information security standards with our global insight of best practice in risk management, cyber security, governance and people processes. The approach addresses six key dimensions that together provide a comprehensive view of an organisation's cyber maturity, as shown below.

### Leadership and governance

Board and Executive Management demonstrating due diligence, ownership, and effective management of risk.

### Human factors

The level and integration of a security culture that empowers and helps ensure the right people, skills, culture, and knowledge.

### Information risk management

The approach to achieve thorough and effective risk management of information throughout the organisation and its delivery and supply partners.

### Business continuity

Preparations for a security event and ability to prevent or lessen the impact through successful crisis and stakeholder management.

### Operations and technology

The level of control measures implemented to address identified risks and reduce the impact of compromise.

### Legal and compliance

Meeting regulatory and compliance obligations as relevant.

Through a combination of interviews, workshops, policy and process reviews, and possibly technical testing, KPMG's CMA rapidly:

- Identifies current gaps in compliance and risk management of information assets
- Assesses the scale of cyber vulnerabilities
- Delivers an actionable roadmap for remediation

The assessment provides the flexibility to assess the level of cyber maturity on a site-by-site basis or at a company level. It helps to identify best practice within an organisation and provides comparator information against peer groups and competitors.

In short, it provides executives with a rapid assessment of your organisation's readiness to prevent, detect, contain, and respond to threats to information assets.

## Why KPMG?

The CMA is a key component of KPMG's Global Cyber Transformation Service. Our Cyber Transformation Service brings together specialists in information protection and business continuity, risk management, privacy, organisational design, behavioral change, and threat intelligence management. These combined skills are utilised to tailor an approach relevant to your risk appetite and the cyber threats your organisation faces.

KPMG member firms are:

- **Global** – Through our network of KPMG member firms, we employ over 152,000 professionals in 156 countries. KPMG's cyber security industry professionals have deep knowledge and can offer insight to you wherever you operate.
- **Award-winning** – KPMG's information protection consulting services capability was named a "Leader" in the Forrester Research, Inc. report, The Forrester Wave™: Information Security Consulting Services, Q1 2013. Of the 10 firms

evaluated for this report, KPMG was specifically recognised for its drive to take on the toughest consultancy tasks, often taking over from other firms. Also, KPMG in the UK was awarded "Information Security Consultant of the Year" at both the 2011 and 2012 SC Magazine Europe Awards.

- **Shaping the cyber agenda** – Through I-4 (the International Information Integrity Institute) KPMG's firms help the world's leading organisations to work together to solve today's and tomorrow's biggest security challenges.
- **Committed to you** – KPMG's client relationships are built on mutual trust and long-term commitment to providing effective and efficient strategies.

## Additional thought leadership

	Cybersecurity Presidential Policy Directive Frequently Asked Questions
	The Five Most Common Cyber Security Mistakes
	SOC 1, 2 & 3 Reporting   Service Organisation Assurance Reporting

## Contact us

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