



Secure your digital future with trusted Cyber Risk Insights

Critical insights for critical systems

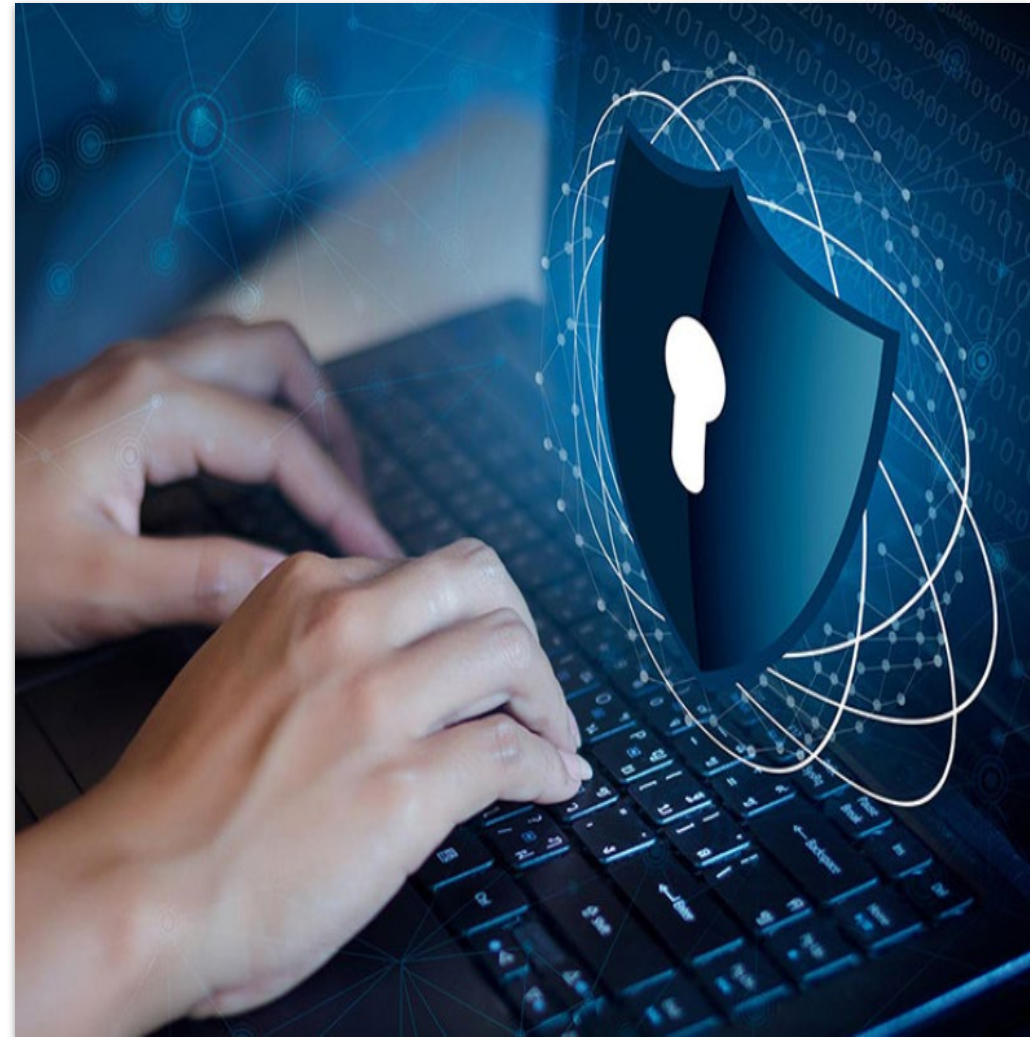
While innovations in tech are powering new horizons, there are also making businesses more susceptible to digital risks and breaches.

By providing a platform for businesses to identify existing and emerging threats, cyber risk insights allow leaders to prioritise mitigation efforts and avoid costly business disruptions, data breaches and compliance penalties.

Tackling threats with next-gen tech

At KPMG in Singapore, we harness robust analytics and industry-leading tech to provide in-depth cyber risk insights that help improve compliance, business efficiency and security.

Our team of managed services professionals can provide strategic security frameworks to help you manage operational risks and elevate business performance seamlessly.



Protect what matters


KPMG's wide-ranging, integrated Cyber Risk Insights can help you deliver and sustain value for your organisation, tailored to your business needs and objectives.

Our core services encompass:




Cyber risks underpinned by threat models

- ▶ Gain clarity on your cyber risks, deconstruct them using threat modelling and communicate your risk exposure to senior stakeholders using financial benchmarks.



Makes quantification easy

- ▶ Undergo comprehensive assessment steps to quantify your cyber risks using industry good practice frameworks and statistical techniques.



Expertise at your fingertips

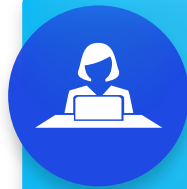
- ▶ Benefit from more than 5 years of cyber risk quantification experience and gain an edge with our global, multi-disciplinary and trusted SaaS offerings.

Take your business further with CRI: Key areas to identify



Express risk quantitatively

What is our risk exposure to cyber attacks in financial terms and how does this fare against our risk appetite?



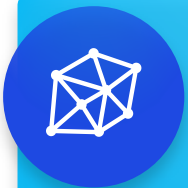
Prioritise investments

What cyber capabilities should we prioritise investments in to optimise our protection against imminent threats?



Demonstrate cost-benefit

Depending on how much we invest, what benefits in terms of reduced cyber expected losses will this deliver to the business?



Optimise cyber insurance

Do we have proportionate cyber insurance coverage to guard against the threats we face?



Optimise capital reserves

In the event of a widespread cyber incident, do we have sufficient capital reserves to sustain our business?

How will CRI benefit you?



Chief Information Security Officer

Better prioritise cyber security investments, communicate cyber risks to senior management more effectively and ensure appropriate risk management and mitigation strategies are in place.



Chief Information/Operating Officer

Identify potential financial and operational impact of a cyber attack by scrutinising and improving risk management and mitigation strategies.



Chief Financial Officer

Allocate financial resources in best value-for-money areas to manage capital reserves and to make more informed decisions about risk transfer and insurance coverage.



Chief Risk Officer

Understand the potential financial and operational impact of a cyber attack by scrutinising and improving risk management and mitigation strategies.

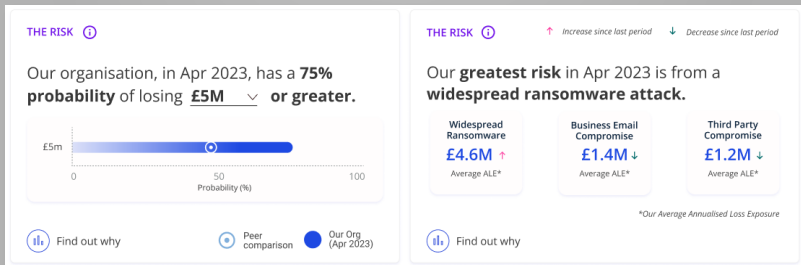


Non-executive Director

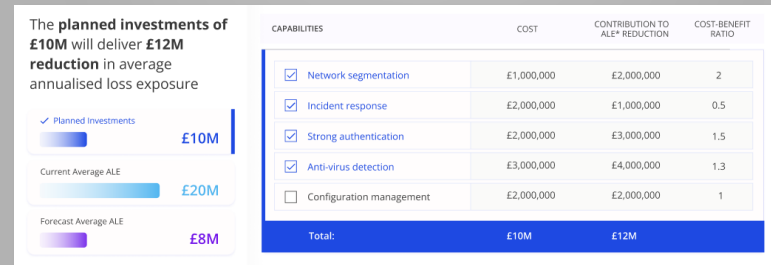
Understand the potential impact of a cyber attack on overall financial performance and assist in fulfilling oversight responsibilities.

Cyber Risk Insights – Sample outputs

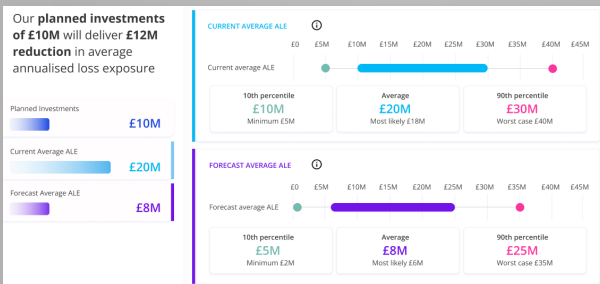
What is our **true cyber risk exposure** (likelihood in a year and potential financial impact) to cyber attack? How does this compare against our **cyber risk appetite**?



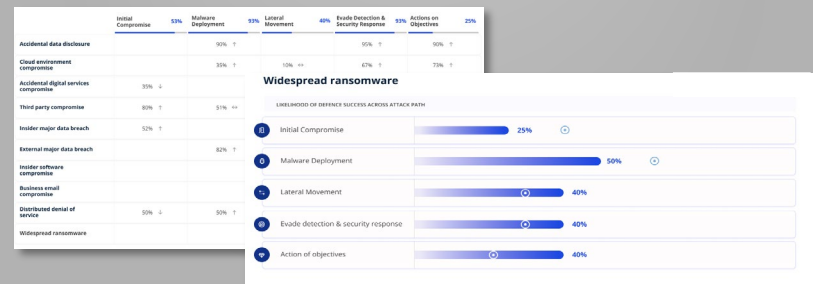
What **cyber capabilities** should we prioritise investing in to optimise our defences against the cyber threats we face?



If we invest **£XM** in cyber, to what extent does this **reduce our cyber related loss exposure**?



What is the **likelihood of attacker success** across our greatest threat scenarios? Which attack path steps are our controls **strongest and weakest** in?



Case studies



Industry: Insurance

Location: Global, headquarters in UK
Gross return premium: £35Bn +
Employee headcount: 2,000
Customers: 4,500+

Challenges

- ▶ Difficulty in defining a cyber security strategy that was threatened
- ▶ Required a defensible strategy that aligned to the risks they faced which could give the Board comfort that they were focusing their investments in the most appropriate manner
- ▶ Existing culture of “everything, everywhere” in the security organisation that would often lead to high spending in areas that were not deemed necessary, especially as they were unaware which capabilities were effective in risk reduction

Results and benefits

- ▶ Comprehensive understanding of how differing cyber controls contributed to different degrees to reduce different scenario likelihoods
- ▶ Identify priority controls related to the most high cyber risk scenarios
- ▶ Refreshed cyber strategy and cyber transformation portfolio



Industry: Banking

Location: Europe
Revenue: £1.35Bn
Employee headcount: 30,000
Customers: 20M

Challenges

- ▶ Limited understanding of cyber posture across cyber security layers of defence
- ▶ Limited ability to justify cyber investments based on cost-benefit analysis
- ▶ Difficulties with prioritising significant volumes of cyber change activity
- ▶ Inconsistent definitions of cyber risk scenarios and business impacts
- ▶ Incomplete data collection procedures for incidents

Results and benefits

- ▶ Embedded approach to quantitative cyber risk assessment, including enhanced data gathering procedures
- ▶ Ability to quantify likelihood and impact of various cyber risk scenarios
- ▶ Ability to prioritise investments and change programme based on quantifying contribution to cyber risk scenario risk reduction
- ▶ Defensible risk and control measurements given the use of evidence-based metrics

Next steps

Talk to our experts who can:



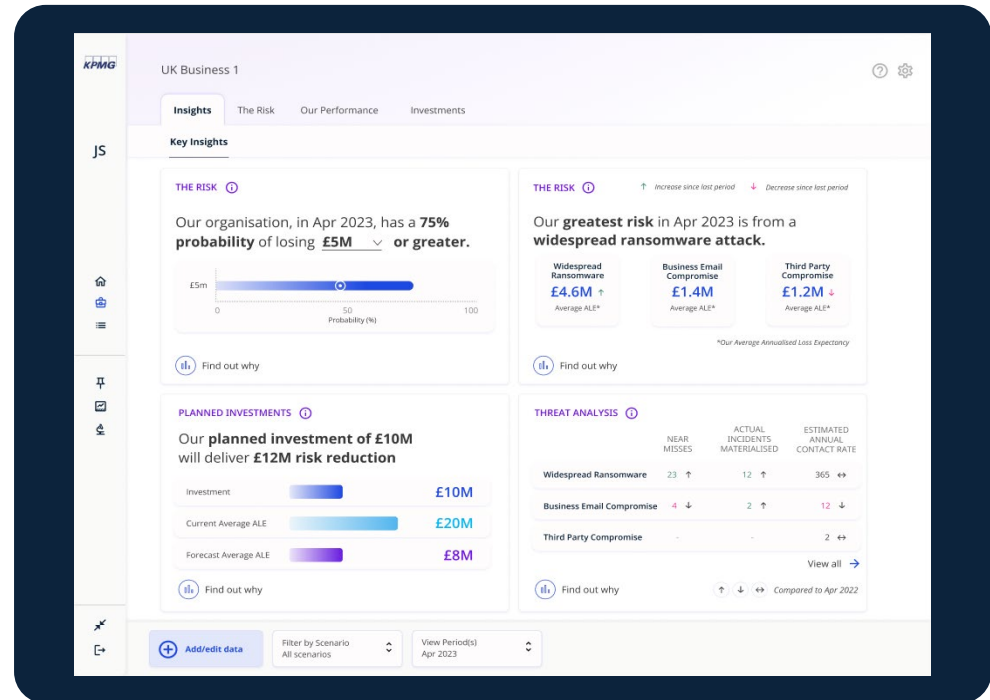
Demo the CRI product



Answer more detailed questions



Explain how we typically engage



Inspiring stakeholder trust with KPMG managed services

- ▶ Business transformation can pave the way for sustained advantage. But transformation is more than a destination — it is a continuous journey. How can you evolve your business while keeping up with everchanging goals?
- ▶ KPMG Managed Services can help you realise your dreams. We combine advanced tech with functional sector expertise to handle knowledge-intensive processes across your enterprise — both on a subscription and a as-a-service basis. In addition to maximising your costs, we can help deliver other outcomes like resilience, customer retention, stakeholder trust and an added competitive edge. Let us help you operationalise your growth ambitions as you can accelerate your transformation journey amid disruptions and risks.

Connect with us

- ▶ Shape a future-ready cyber security strategy to scale new frontiers of tomorrow. Connect with us today to transform your organisation.



Contact us

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