



KPMG Cybersecurity Maturity Assessment

KPMG Cybersecurity

KPMG China



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Challenges for Cybersecurity Maturity

Cybersecurity is rapidly emerging as a key risk area for enterprises around the globe with increasing frequency.

In recent years, lots of laws and regulation released all over the world, such as European Union General Data Protection Regulation (GDPR), China Cybersecurity Law (CSL), Data Protection & Privacy Law in Russia, Data Protection Bill in India, The Act on the Protection of Personal Information in Japan, Personal Data Privacy Ordinance in Hong Kong etc.

Meanwhile, there are lots of cybersecurity standards released or revised to provide detail guidelines, such as NIST CSF, NIST 800-53, ISO 27001/27002, Multilevel Protection Scheme, TISAX, CSA CCM and etc.

Companies are now facing huge pressure on compliance requirement, in such kind of comprehensive environment, especially for those companies run the business in different countries and areas. The heightened risk environment has resulted in the following impacts:



KPMG has the clearest, most direct vision asserting its desire to help CISO's and boards of directors come together on information security as a business issue, not an IT issue. The company's go-to-market approach leads with vertical expertise, while it is also applying investments across global member firms in areas like data analytics to cyber security engagements. Client references consistently mentioned one area of differentiation for KPMG that provides high value: Jeff Pollard, Principal Analyst with Forrester writes, "Consultants with operational experience who have deeper insights on the day-to-day battles clients fight than typical service delivery personnel with just a consulting background."

— Forrester Wave, Information Security Consulting Services

What KPMG Can Help

KPMG CMA helps you take a proactive approach to monitoring and managing cyber risks, and helps enable you to turn this into a strategic advantage.

KPMG's CMA provides an in-depth maturity assessment of an organization's capability to protect its information assets and its preparedness to respond effectively to cyber threats.

Major regulations & frameworks covered

KPMG CMA covers major cybersecurity compliance requirements such as GDPR, CSL, Data Protection & Privacy Law in Russia etc.

Automatic reporting and dashboard

One consolidated report covers different frameworks, such as NIST CSF, NIST 800-53, ISO 27001/27002, Multilevel Protection Scheme, TISAX, CSA CCM etc.

Risk-based approach

A risk-based approach to align with approach of risk management committee and audit committee.

Stage I – Maturity Matrix Customize	Stage II – Assessment	Stage III – Remediation planning & roadmap
Engage the business leaders, develop the understanding of risk, and understand what is the desired security capability.	Assess the current capability that exists in the business and apply that to the inherent risk to understand current exposure.	Propose potential options to manage risk to within tolerance, and develop suggestions on a road map from current to desired states.

Assessment of the maturity of six key dimensions

KPMG views Cybersecurity as more than just a technology issue, therefore we assess the maturity of People, Processes and Technology in the key dimensions shown below:





- 
Leadership and governance:
 The board and management, their due diligence, ownership, and effective management of risk within the context of the organization's goals, objectives, and the external threat/risk landscape.
- 
Human factors:
 The level of security-focused culture that empowers and ensures the right people, skills, culture and knowledge.
- 
Information risk management:
 The approach to achieve comprehensive and effective risk management of information throughout the organization and its delivery and supply partners.
- 
Operations and technology:
 The level of control measures implemented to address identified risks, and minimize the impact of compromise.
- 
Business continuity:
 The preparations for a security incident and its ability to prevent or minimize the impact through successful crisis and stakeholder management.
- 
Legal and compliance:
 The regulatory and international certification standards as relevant.

K-CyberMaturity Platform

KPMG delivers visible tool and dashboard covering different cybersecurity standards, with industry benchmark.



Why KPMG

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Experiences
 Broad experience in emerging areas including operational technology, industrial control security, big data security, etc.
- 
Team
 A specialized team with extensive cybersecurity knowledge and experience
- 
Approach
 A distinct approach that is based on multiple frameworks and allows for cross-reference and comparison
- 
Board
 Experience in articulation of cyber issues to board and audit committees

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