Cyber Security

Building trust in digital innovation while leveraging and maximising benefits from new technologies

“Information Technology is everywhere, supporting corporate operations but also becoming an increasingly key element in developing businesses and innovation around the world. The complex reality of the corporate landscape requires bigger efforts from organisations to tackle the various risks associated with today’s IT environment and information.

• Do you have a strong strategy for managing information risk?
• Has your business implemented a mature, sustainable, and cost-efficient Information Risk Management framework?
• How much of your business success depends on your Information Risk Management strategy?
• Are you ready to act, should a cyber incident arise?

It’s only by establishing reliable data and security practices, strengthening the resilience of your systems, careful monitoring and being ready to face any incident, that you will ensure your digital transformations will succeed in reaching its exponential benefits.”

Vincent Villers

Your challenges

The challenges awaiting your business are manifold. You might need to:

• evaluate how risks affecting your partners may impact you;
• enhance the resilience of your business and adapt it to the pace of current-day industry and risk development;
• provide your Board as well as your business partners the right level of confidence in your capacity to face Cyber Risks;
• make Information Risk Management a strategic business decision tool, driving not only present operational needs, but also new product development and innovation success;
• be aware of your actual risk exposure;
• define the right strategy to raise your current cyber security maturity to the appropriate level based on business objectives;
• identify where to apply information risk controls in line with your enterprise strategy and objectives;
• define the right mix between prevention, detection and response to incidents, acknowledging that such incidents may occur; and
• comply with laws and regulations pertaining to Information Risk Management.

How we can help

We have built a team of Information Risk and Cyber Security experts to help you assess and improve your security level in term of confidentiality, integrity and availability. Our approach is tailored to the reality of your industry.
Our value proposition

Achieving a competitive and reliable Cyber Security and Information Risk Management strategy that is regularly updated within an efficient timeframe is a real challenge.

Our experienced Information Risk and Security experts provide tailored solutions based on your needs to help you:

- understand your business objectives, key processes, and controls, as well as identify the risks regarding information security and related areas such as your IT controls framework, cyber security, data governance and management, incident response, forensic technologies, and business continuity management;
- perform tailored Threats and Vulnerability Assessments with the objective of identifying any key gaps and, more importantly, defining an appropriate strategy for managing your risks in the long run;
- elaborate in-depth analyses of specific information risks, impacts, or projects, and propose an adequate mitigation strategy and appropriate measures;
- implement ISMS, BCMS, and data management frameworks within your organisation based on common best practices and recognised industry standards (COBIT5, ISO27K, ISO22301, data privacy laws and regulations);
- design or optimise your Information Risk Management based on best practices (e.g. ISO27005, EBIOS) or processes that may boost the security of your information, such as your incident security management, your software development lifecycle, as well as your vulnerability and threat management;
- conduct a gap analysis and assess the level of maturity of your current Information Risk Management practices by comparing the models you've put in place to market standards/best practices/laws and regulations, and identify the necessary corrective actions and improvement strategies; and
- organise training sessions to raise awareness of Information Risk Management throughout your organisation which are adapted to the target population.

Examples of past missions

We successfully assisted clients in the banking, asset management and financial sectors to implement an information security management system (ISMS), and helped them define and develop a framework of security policies based on ISO27k.

We developed tailored vulnerability assessment reviews.

We delivered trainings and awareness programmes.

We helped companies to act in case of cyber incident.

Why PwC Luxembourg

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