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# Cyber Security

## Building confidence in your digital future



### *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 with the right level of confidence in your capacity to face cyber risks;
- 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;
- define the right mix between prevention, detection and response to incidents, acknowledging that such incidents may occur.

### *How we can help*

We have built a team of Information Risk, Forensic Technology and Cyber Security experts to help you assess and improve your security level in terms of confidentiality, integrity and availability. Our approach fits to the reality of your industry.

## Cyber Security - Our services



### Governance

Assess and benchmark our clients' cyber security maturity level using our cyber security framework, and develop their cyber security strategic plan.

Set up of an ISMS (Information Security Management System) and/or a BCMS (Business Continuity Management System), as well as the production of gap analyses to benchmark our clients' security measures against industry standards, best practices and regulations (COBIT5, ISO27k, ISO22301, etc.).

Definition of a Risk Management framework and realisation of Risk assessments on various topics.

Design of a security awareness program and holding of training sessions for our clients.

Definition and implementation of a data management program.



### Assurance

Giving external and independent assurance to our clients by assessing their way of processing third parties' information.

Providing our clients with regulatory expertise and reports, to make sure they comply with applicable laws.

Support to the internal audit function of our clients in analysing, drafting and evaluating internal control processes and procedures.



### Forensic

Achievement of computer, network & malware analyses to help our client gather evidences of computer crimes, that could subsequently be used in court cases.

Support of seasoned technical experts for our clients to react properly and manage crisis.

Acquisition, structuration, processing and production of electronic documents to resolve investigations and legal concerns.



### Technical

Execution of detailed Threat and Vulnerability Assessments to help our clients strengthen their security level, either globally or on specific matters.

Definition and completion of offensive attack scenarios with our clients (penetration tests) to determine their internal or external security exposure.

Review of technical architecture, source code to identify security weaknesses.

Proposition of tailored recommendations and action plans based on our expertise and our knowledge of security best practices and industry standards.

## Why PwC Luxembourg

PwC Luxembourg ([www.pwc.lu](http://www.pwc.lu)) is the largest professional services firm in Luxembourg with 2,600 people employed from 58 different countries. PwC Luxembourg provides audit, tax and advisory services including management consulting, transaction, financing and regulatory advice. The firm provides advice to a wide variety of clients from local and middle market entrepreneurs to large multinational companies operating from Luxembourg and the Greater Region. The firm helps its clients create the value they are looking for by contributing to the smooth operation of the capital markets and providing advice through an industry-focused approach.

The PwC global network is the largest provider of professional services in the audit, tax and management consultancy sectors. We are a network of independent firms based in 157 countries and employing over 208,000 people. Talk to us about your concerns and find out more by visiting us at [www.pwc.com](http://www.pwc.com) and [www.pwc.lu](http://www.pwc.lu).

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