



# Cybersecurity: KPMG by your side

Our cybersecurity offer

# Four ways to assist you



## CYBER STRATEGY AND GOVERNANCE

KPMG is helping businesses to define optimal strategy and governance to meet their Cybersecurity challenges.



## CYBER TRANSFORMATION

KPMG is helping businesses to implement their Cybersecurity roadmap and secure their digital transformation.



## CYBER DEFENSE

KPMG is helping businesses to challenge and test the robustness of their cyber defense mechanisms.



## CYBER RESPONSE

KPMG is helping businesses to get prepared and react efficiently to cyber incidents.



## Our cybersecurity offer

# 01

## Your challenge

Technology makes everything look possible, however “possible” does not always mean “secure”.

# 02

## Our response

KPMG can help you anticipate and face your future challenges, work efficiently and be one step ahead thanks to reliable and robust technologies.

# 03

## Why KPMG?

KPMG professionals are by your side and bring to you a combination of technological expertise and deep understanding of your industry and workflow to help you protect and develop your business by meeting potentially divergent challenges:

- Agility and resilience
- Serenity despite the risks
- Opportunities despite the threats

# 04

## Our shared ambition

Together we create a trustful digital world, so that you can challenge the limits of what is possible.



# Strategy and cyber governance

## OUR SERVICES

### Strategy & Cyber Governance & Privacy

- ▶ Global mapping of threats and regulations
- ▶ Definition of Cybersecurity strategy
- ▶ Definition of world-class Cybersecurity / Privacy function.
- ▶ Cybersecurity / Privacy Target Operating Model definition for the first and second lines of defense
- ▶ Advisory for Executive Committees and Boards on Cyber, awareness for leadership

### Risk management and Cybersecurity compliance and Privacy

- ▶ Construction of Cybersecurity risk management framework
- ▶ Cybersecurity risk mapping, identification of « crown jewels »
- ▶ Cybersecurity Risk Treatment Plan definition
- ▶ Cybersecurity Roadmap drafting
- ▶ Cybersecurity risk management related to third parties (suppliers, partners, hosting providers including cloud...)
- ▶ Cybersecurity Risk quantification
- ▶ Cybersecurity Insurance coverage assessment

### Cybersecurity and Privacy Maturity/Compliance Assessment

- ▶ Cybersecurity Control Framework design and implementation
- ▶ Cybersecurity / Privacy Maturity Assessment of the organization, benchmark with its peers
- ▶ Assessment of Cybersecurity / Privacy Compliance with Regulations
- ▶ Assistance to the audit of the Cybersecurity function
- ▶ Third-party maturity and compliance audit
- ▶ Cybersecurity / Privacy Due diligence during an acquisition
- ▶ Mock ISO 27001/27701 audit
- ▶ SOC2 type I or II attestation
- ▶ Cyber resilience assessment of the organization or a business process

## CONTEXT AND STAKES

Cyber attacks critically impacting businesses.

Score of new regulations in cybersecurity and privacy.

A complex clients, partners and suppliers ecosystem.

A need for efficient strategy and cyber governance aligned with business challenges.



# Cyber Transformation

## OUR SERVICES

### Securing projects

- ▶ Integration of security in projects (ISP), including Agile and DevOps methodologies
- ▶ Assistance on Privacy by Design principle integration into business / IT projects
- ▶ Cybersecurity / Privacy risk assessment in a project (EBIOS RM and DPIA)
- ▶ Security architecture study (Cloud, Zero Trust)
- ▶ Risk analysis related to new technologies (blockchains/smart contracts, IoT, AI, etc.)

### Support for Cybersecurity transformation

- ▶ Support for the implementation of a Cybersecurity roadmap: program management, project management, risk mitigation analysis
- ▶ Support for regulatory compliance projects: GDPR, DORA, LPM/OIV, SWIFT, NIS, HDS, PCI-DSS, PSD2
- ▶ Support for the choice and implementation of cybersecurity solutions: TPRM, IAM, PAM, CPSM, SIEM, SOC, DLP, patch & vulnerability management
- ▶ Support for securing business environments: Industrial IS/OT/SCADA, S4/HANA, Cloud
- ▶ Cybersecurity awareness, training and support (VIP, IT, business, developers)

### Monitoring & Optimization

- ▶ Implementation of Information Security Management Systems or Data Protection, Assistance with ISO 27001/27701 certification
- ▶ Industrialization of the management, control, monitoring and reporting of Cybersecurity and Privacy functions (KPI, KRI, dashboards, budget monitoring, Cyber Datalake)
- ▶ Optimization of Cybersecurity operations (rationalization, industrialization, automation, outsourcing)

## CONTEXT AND STAKES

A shortage of Cybersecurity expertise.

A deep and rapid digital transformation.

New ways of working and collaborating.

A need for industrialization of Cybersecurity.





# Cyber Defence

## OUR SERVICES

### CONTEXT AND STAKES

A professionalization of the attackers.

Sophisticated, stealthy, mutant and agile cybersecurity threats.

An ever-increasing area of exposure to cyberattacks.

A need to map the vectors of potential attacks.

### Testing a System's Cybersecurity

- ▶ Penetration tests in black or gray box, on applications, APIs, infrastructures, Active Directory, connected objects, etc.
- ▶ Source Code Audit
- ▶ Architecture Audit
- ▶ Technical Component Configuration Review
- ▶ Physical Security Audit

### Testing a Company's Cybersecurity

- ▶ Internal Footprint (IP addresses, domain names, websites, servers, etc.)
- ▶ "Red Team type" and "Purple Team" penetration tests
- ▶ Phishing and social engineering campaign
- ▶ Physical penetration testing
- ▶ Testing and effectiveness testing of safety devices: SOC, anti-DDoS devices, anti-APT devices, WAF, etc.

### Data analytics applied to Cybersecurity:

- ▶ Access control review
- ▶ Patch management review
- ▶ Network filtering roles review
- ▶ Active Directory Compromission Paths analysis and monitoring



# Cyber Response

## OUR SERVICES

### CONTEXT AND STAKES

Anticipate, detect and qualify threats.

Contain Cyber attacks.

Preserve critical functions and services in the event of a cyber attack.

Ensure a fast and secure return to normalcy.

### Cybersecurity Incident and Crisis Management Readiness

- ▶ Threat Intelligence and Threat Evolution Analysis
- ▶ design and implementation of a cyber incident and crisis response plan: organization, crisis cells, playbooks, communication tools, etc.
- ▶ Cyber resilience improvement of business process or service (BIA, DRP/BCP, high availability architecture, anti-DDoS devices, etc.)

### Cyber crisis management drill

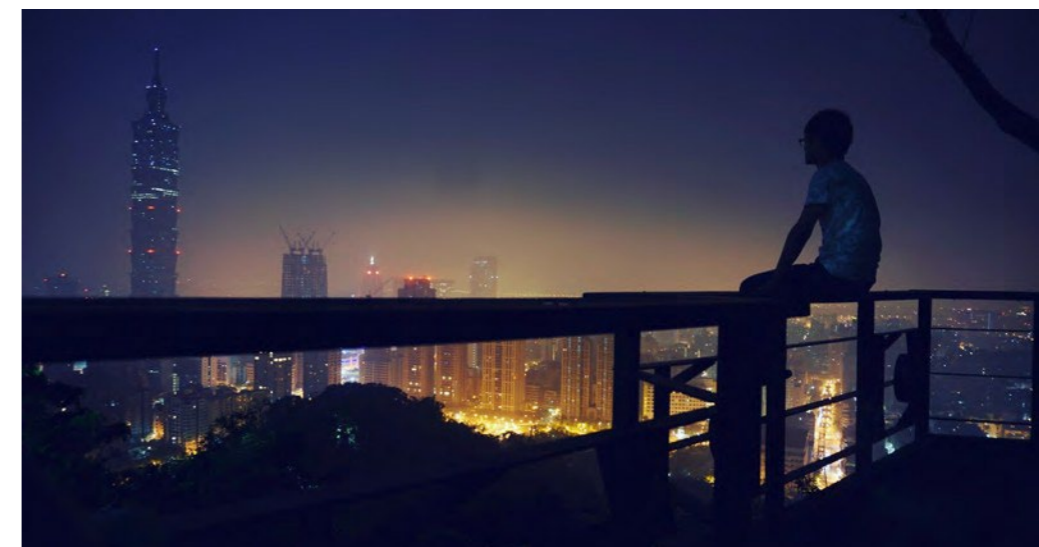
- ▶ Cybersecurity crisis simulation at Executive and operational level
- ▶ Crisis Preparedness Assessment Cybersecurity
- ▶ Purple Team Test

### Assistance to Cybersecurity Crisis Management

- ▶ Crisis management coordination
- ▶ On-site intervention
- ▶ Forensic analysis

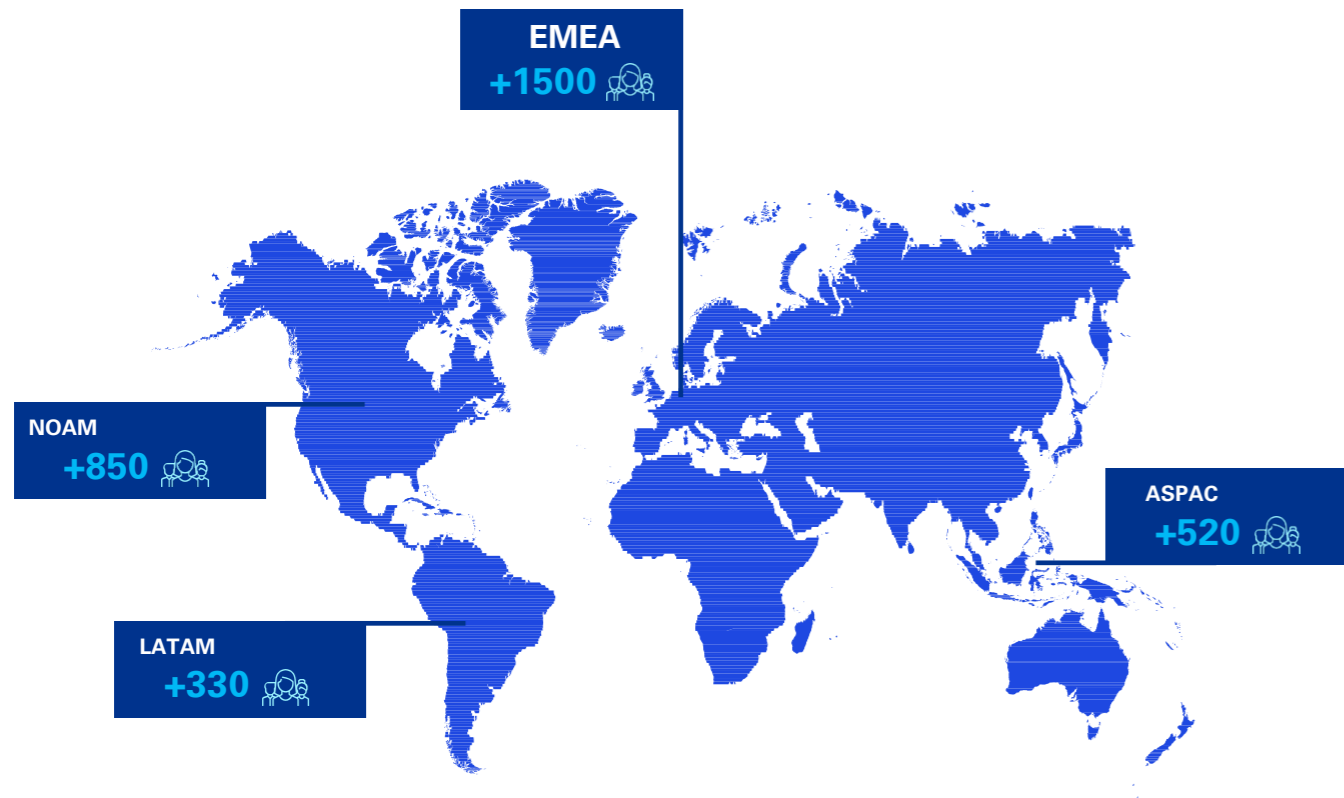
### Post-crisis assistance

- ▶ Compromise Assessment & Threat Hunting
- ▶ Post-mortem analysis of the incident and crisis



# Our strengths

A signature recognized worldwide



A global presence, with a network of 110 associates and more than 3200 experts dedicated to Cybersecurity and Privacy in 50 countries.

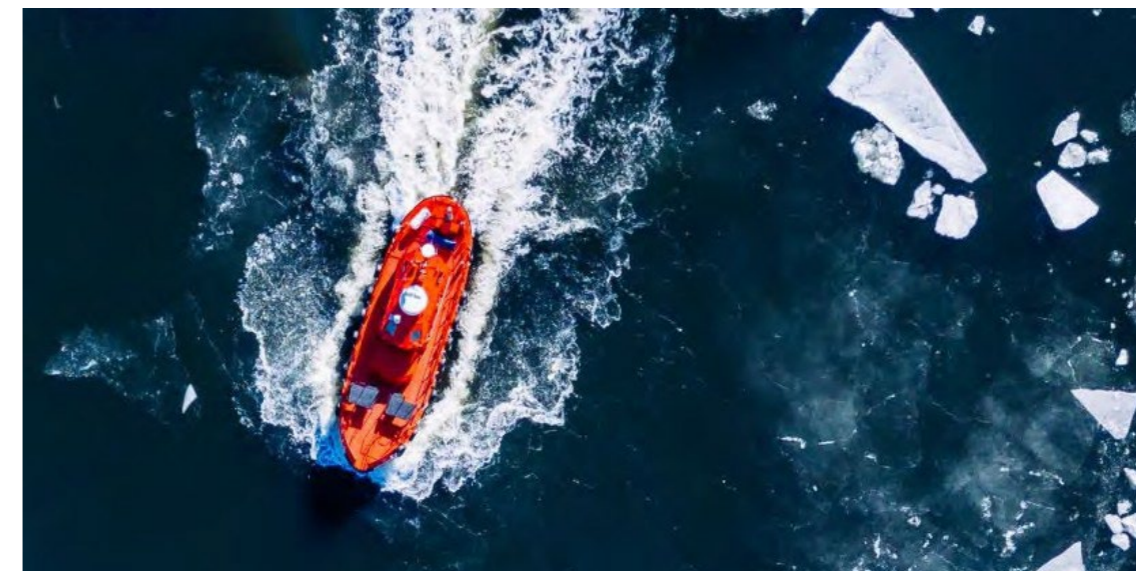
## Strong benchmarking capabilities

An in-depth knowledge of the market and the state of the art, fed by multiple interactions between the member firms of the KPMG network and with thousands of clients all around the world, in all sectors.

## Ranked n°1 by its customers for the quality of its security services



Source : Source Global Research report, Perceptions of Risk Firms in 2021.



## KPMG given highest, "Pacesetter" ranking in Cybersecurity by ALM Intelligence



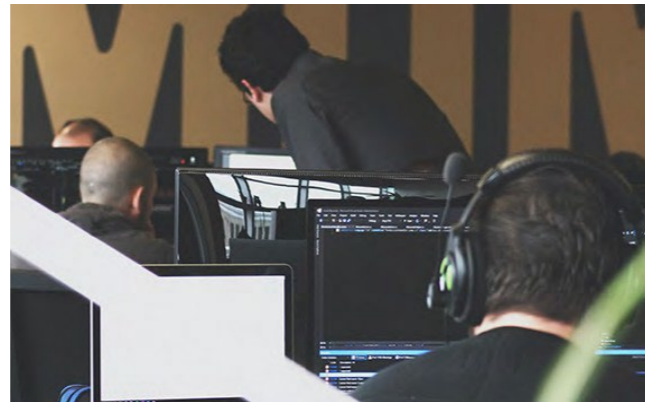
ALM INTELLIGENCE  
PACESETTER

CYBERSECURITY 2022-2023

# Our capabilities

## Cybersecurity Laboratory

KPMG has built a laboratory dedicated to Cybersecurity in its Paris premises. This secure environment is a collaborative workspace that facilitates the sharing of knowledge and allows our consultants to train on new technologies, simulate environments and increase their level of technical expertise.



## PASSI Qualification

KPMG is PASSI qualified in France and Monaco by ANSSI, which attests to:

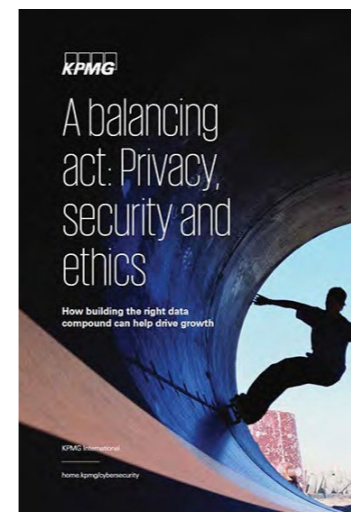
- the skills of the auditors in charge of security audits
- Continuous training of auditors on security topics
- auditor ethic
- the protection and confidentiality of data, reports and documents exchanged
- an appropriate methodology for security audits



## Powered Cyber / Privacy

Powered Cyber / Privacy is an offer that allows Cybersecurity or Privacy managers to accelerate transformation projects by providing them a set of preconfigured tools and predefined processes in the field of operational security (SecOps), identity and access management (IAM) and personal data protection.

# Our publications





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