

## Cyber and Information Security Management

### Organization Sheet

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| <b>Objective</b>    | <p>At the end of this course, the participants will have an overview of Cybersecurity and an understanding of how to mitigate the associated risks.</p> <p>By the end of the course they will have</p> <ul style="list-style-type: none"><li>• covered the various areas of Cyber Security</li><li>• obtained notions of user safety - individual behavior (passwords, email, mobility, social networks) and basic notions of Cyber-Security</li><li>• obtained answers to the following questions:<ul style="list-style-type: none"><li>• What is the purpose of CyberSecurity?</li><li>• How to manage security?</li><li>• What are the security and defense controls?</li><li>• What are the means to respond to security incidents?</li></ul></li><li>• understood how an attack is performed</li><li>• Reviewed the context of regional security and regulation and the specificities of the financial field ( PCI DSS, mBanking, eBanking)</li><li>• reviewed ethics and standards related to Cyber Security</li></ul> |
| <b>Methodology</b>  | Interactive seminar, Q&A. Participants are required to bring a laptop.   |
| <b>Audience</b>     | Directors and managers of banks, financial institutions, supervisory bodies in the areas of banking, such as <b>IT, security, risk and compliance</b> .  |
| <b>Language</b>     | English  |
| <b>Participants</b> | 20 people  |
| <b>Expert</b>       | Hristijan Lazarov is a seasoned cybersecurity professional with extensive experience in Incident Response and Digital Forensics. Currently, he is responsible for EMEA Digital Forensics and Incident Response operations at Deutsche Bank. Hristijan is also part of the CERT team of Silent Breach. Earlier in his career with Caretower, he established Security Operations Center and Managed Security Services to support global organizations. He successfully completed projects with global banks and organizations including American Army, McAfee, Intel Security, Iron Mountain, Raiffeisen Bank. Currently Hristijan is a holder of prestigious industry recognized certifications CISSP, CASP, GREM, GCFA. .  |
| <b>Dates</b>        | 3 days training<br>15-17 October 2018  |

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## Cyber and Information Security Management Content

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### Group 'Bank & IT managers'

- Presentation of House of training (1 slide)
- Presentation of Silent Breach (1 slide)
- Overview of the training course over the next couple of days
- Origins of cyber attacks
- Why do they occur?
- What are the different profiles of attackers?
- What are the different type of attacks (DDoS, data theft, ransomware, etc..)
- What is the short and long term impact of a data breach?
  
- What are the counter measures of a cyber-attack?
- What is the purpose of cyber security?
- How does an organization evaluate their needs in cyber security?
- Conducting a business impact analysis
- Threat modeling and risk assessment
- Evaluating risk aversion
- Evaluating the return on investment of cyber security
  
- Cyber Security Governance & Compliance (PCI-DSS)
- Defining best practice security policies
- Assigning roles and responsibilities
- Planning for contingency and business continuity
- Disaster recovery planning and simulation
- Certifications (ISO 27001 and ISO 22301)
  
- How to mitigate risks
- Infrastructures and resources
- Determining when to best outsource cyber security (SOC)
- Penetration testing and vulnerability assessments
- User behavior and training
- Corporate policies regarding mobile, social networks, emails, passwords
  
- Specific challenges of the banking sector (electronic banking, mobile banking, etc.)
- Encryption and protocols
- Social hacking and its impact
- Web application security
- Questions and Answers

*Remark: By delivery date, any training documentation shall be subject to regular reviews and updates amending the table of content as described herein.*

\* One of the core values of the House of Training is pragmatism, the training it provides is therefore: practical, current, modular and targeted.

Bank and finance professionals from all disciplines are facing one international challenge in particular, which is to work together to improve the quality of services while reducing costs, within a framework that is increasingly subject to strict regulations and the use of technology.

In order to face the challenge of delivering fully-adapted training programmes, the House of Training uses a quality management method that it calls "Quality Circles" that bring together professionals and practitioners from the financial sector with shared goals, philosophy and passion for learning. Our quality circles have an intimate knowledge of the real needs in the industry and collaborate actively with the House of Training to integrate this understanding into our programmes.