

## INFORMATION SECURITY IN THE FINANCIAL SECTOR

# *Privacy & security in a digital world*

With the continued rise of a digital world and the internet, threats are increasingly shifting from the physical to the digital realm.

Stealing digital money is much easier and less risky than in the physical world. Many types of attack, for example, phishing, are aimed at bank customers, but more frequently, financial institutions find themselves being the target. After all, money nowadays is barely more than a series of ones and zeroes. Furthermore, attackers grow ever more intelligent, and the malware they employ (Advanced Persistent Threats) becomes ever more advanced.

These are not the only challenges financial institutions face. The legislation and guidelines they must comply with continually increase. De Nederlandsche Bank applying enhanced surveillance, SWIFT demanding requirements for connections, Brussels introducing more privacy rules: compliance is a Herculean task!

### *In control with Secura*

Secura has worked in information security and privacy in the financial sector for over 15 years. This is why we uniquely understand the challenges that you face like no one else, and would be delighted to help you address your information security matters efficiently and thoroughly. We work in the

areas of people, processes and technology. We offer the following services to assist you and give you peace of mind:

#### **Risk and Security Management**

Secura can support your organisation in implementing a security or risk management program based on ISO27005 or Management of Risk (M\_o\_R). Additionally, our ad-interim consultants are available to provide support over a longer term as security or risk managers.

#### **Risk Analysis**

To gain a thorough understanding of risk, it is necessary to consider people and processes as well as technology. Our risk analysis methods can be applied to a wide range of issues: whether it involves a migration to Office365, a new authentication method for online banking, or a new way to perform payments, it is better to chart any kind of risk in advance.

#### **Red Teaming**

Red Teaming is receiving more and more attention in the financial world. Developing and executing attacks comparable to those of cyber criminals is exceptionally useful, and a good addition to more traditional forms of security testing. Secura is very experienced in executing Red Teaming attacks, and applies a combination of social engineering, advanced malware and penetration testing. Secura is actively involved in designing Red Teaming/Cyber stress test programs for the financial sector.



*Secura has supported us for over ten years with professional services. They are our preferred supplier for challenging assignments.*



Security officer,  
Financial institution



### **In-house Security Testing**

Large financial institutions often have internal teams conducting penetration tests. Secura can introduce its expertise into these teams and make testing capacity available on a permanent basis. We are always prepared to share and convey our knowledge. We can provide an adaptable layer around your own department of IT security testers by adding project based testing. Secura offers continuity and flexibility.

### **Ethical Hacking & Penetration Testing**

Secura can conduct technical IT security investigations, such as penetration tests, on applications and IT infrastructures of financial institutions. You cannot rely only on us for testing web and mobile e-banking applications or insurance portals, but also for investigations of internal 'core' systems. Such systems are increasingly being targeted by attackers.

### **Privacy**

Safeguarding client privacy is of the utmost importance for any organisation in the financial sector. Secura can support you by carrying out privacy impact assessments (PIA), becoming compliant with the Bill on Databreach Notifications and preparing you for the European General Data Protection Regulation (GDPR).

### **Secure Coding & Agile Security**

Many large organisations have their own IT departments and produce more code than an average IT company. Secura can help you to drastically reduce the number of IT security risks of custom applications. We can train developers in writing more secure code, both in a classroom environment or on the job. This way we directly transmit our security knowledge to DevOps/agile development teams.

## **References**

Secura has worked in information security in the financial sector for over 15 years. We have worked on behalf of many institutions and organisations, including:

- ▶ Central (international) financial institutions
- ▶ Transaction processors
- ▶ (Healthcare) insurers
- ▶ Banks
- ▶ Retirement funds
- ▶ Mortgage providers
- ▶ Investment funds
- ▶ Court-appointed bailiffs
- ▶ Leasing companies

## **Interested?**

**Would you like to learn more about our services?  
Please do not hesitate to contact us.**



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