



## WHAT WE DO?

Founded in 2003. Since then we have supported leading banks, insurance companies, telecom providers, government institutions and software houses, providing services such as:



Application and infrastructure security testing



Code review



Definition of security requirements



**Project review** 



**Education** 

### **KEY FACTS:**



Founded in 2003



Over **450 successful** security assessments in **17 countries** 



More than **150 critical vulnerabilities** identified and removed



Verified systems manage critical infrastructure and process **millions of users' records** 



Our research has been selected for leading security conferences worldwide



**Customers:** Banking, Insurance, Finantech, Software Houses, SaaS Vendors, Telecommunication, IT, Utilities, Industry, Public, Military

#### WHO WE ARE?

Team of experienced application security consultants. We are focusing on security aspects of applications and IT systems. Our expertise covers different kinds of applications (e.g. electronic banking, electronic payments, FOREX, e-commerce, home/office automation, surveillance, voting, internet of things, etc.) and wide spectrum of technologies (web, mobile, WebServices, embedded, desktop, SaaS, cloud).

We are constantly improving our skills and knowledge in order to stay on the edge of information security issues. This allows us not only to focus on past and current risks but also to look forward into the future. Examples of our research topics include: transaction authorization systems, banking malware, home automation, M2M communication, Bluetooth Low Energy, browser plugins, pull-print systems, proprietary protocols, HTML5 and many more.

### **KNOWLEDGE:**

We are sharing our knowledge on many conferences and meetings. Our research topics has been chosen for leading security conferences worldwide such including:
Black Hat USA 2016, OWASP AppSec
Europe 2014-2016, Infosecurity Europe
Intelligent Defence 2016, CONFidence
Krakow 2014-2016, ZeroNights 2015,
BSides London 2015, Black Hat Asia 2015,
PH Days Moscow 2014, HITB Amsterdam
2014, Internet Banking Security Warsaw
2013, BruCON, Belgium 2012, Black
Hat USA 2012 and OWASP, ISACA, ISSA meetings.

# OUR APPROACH TO APPLICATION SECURITY TESTING:



The goal is to fix vulnerabilities.

- Our report always includes recommendations on how to fix discovered vulnerabilities.
- Support during fixing phase.
- We communicate with the tested solution vendor to help them understand problem and provide remediation.
- ➤ Additional tests after vulnerabilities are fixed.



The main aspect of security assessment is to take real risk impact into account.

- Prior to testing, we perform threat identification and threat modeling.
- ➤ We prioritize attack scenarios.
- > We take into consideration business impact as well as business logic.



We say no to fire and forget tools.

- ➤ Automatic tools can only find small percentage of real vulnerabilities.
- The real threat is live attacker, not automatic tool.
- ➤ We prefer manual verification, using specialized "home-grown" tools.
- ➤ Understandable, customer-oriented report.
- ➤ Realistic and dedicated recommendations.



Deep technical knowledge and audit skills.

- ➤ We stay on the edge of new attack techniques and areas (own research, 0-days, worldwide conferences).
- ➤ We are certified experts of ITsec management and audit (CISSP, CISM, 27001, PCI DSS, ...)

# MORE THAN SECURITY TESTING:

Security testing at very end of the project, just before (or after) deployment are still key component of achieving application security. Nevertheless, doing only security tests as a part of UAT is not effective, because significant costs of fixing bugs at late project stages. That's why besides security testing, we offer support at each stage of development:

- Security training for developers and QA team
- Security requirements definition (functional and non-functional)
- Project reviews
- Code reviews
- Consultations
- Security tests

#### **CONTACT:**

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