



# Penetration Testing Against Information Security Risks for ING Bank

Industry: Banking & Finance    Location: Ukraine    Employees: 63,000+ (global)



## Client Background

Headquartered in Amsterdam, Netherlands, The ING Group is a global financial corporation with 150-year background. ING Bank's more than 63,000 employees offer retail and commercial banking services to over 32 million private, corporate and institutional clients in over 40 countries. ING Wholesale Banking Ukraine is a full subsidiary of ING, a leading global financial institution with a strong European base.

## Business Challenge

Aiming to enhance the protection of the online services against cyber attacks, ING Bank Ukraine needed to identify all security weaknesses of the utilized web applications and mitigate the risk of misusing the network services.

As a security consultant, Infopulse needed to:

- Perform the evaluation of security risks for the business-critical web applications and network services;
  - Provide detailed recommendations on the improvement of information systems' security level.
- Solution;
- Infopulse consultants migrated and partially re-engineered the existing application, bringing customer experience to the next level.

## Solution

The security testing approach suggested by Infopulse was based on the OWASP security testing guidelines.

Infopulse presented a complex solution to ING Bank Ukraine, which included:

- Analysis of the information from public resources;
- Vulnerability Assessment: discovering all vulnerabilities in the target web and application servers with the use of known automated tools, e.g. Web Inspect, and the developed specific tests;
- Black Box and White Box [penetration testing](#);
- Controlled hacking of the target systems by experts certified in information security, with the aim to confirm the identified vulnerabilities and discover the undetected ones.

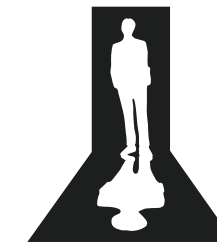
## Technologies



OSSTMM



OWASP



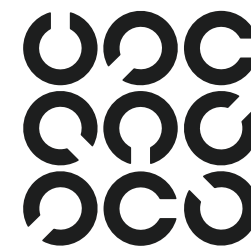
Offensive Security



SANS



ISSAF



ISACA

## Customer Quote



Nowadays the majority of processes in the banking sphere are computerized, and information systems security level is an important indicator of the reliability of a financial establishment. Paying particular attention to the protection of our clients' and partners' confidential information, ING Bank Ukraine regularly conducts security audits and chooses contractors carefully. Infopulse provided the security risks evaluation and presented the detailed recommendations on the improvement of our information systems' security level.



**Alexandr Matsera**

Senior Officer of the Informational and Operational Risk Management Department at ING Bank Ukraine

## Results

- Black Box and White Box penetration testing reports;
- A detailed report comprising the list of vulnerabilities and configuration weaknesses, which could be exploited in the network access points;
- Recommendations on countermeasures;
- Informing the bank's management team on the existing information security risks.





## About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit [www.infopulse.com](http://www.infopulse.com)

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