



HIGHLIGHTS

- + **Take Control of Compliance** with easy-to-deploy automated checks for PCI DSS, ISO, and SOX guidelines; your own corporate IS standards and national/international regulations
- + **Prevent Fraud and Data Breach** with solutions and services customized to protect core banking systems and internet banking portals
- + **Focus On Application Security** with AppSec solutions to stop zero-day attacks, quickly patch existing security holes, and support your SSDL
- + **Secure Your Future** by leveraging our expert knowledge in your security planning and for a rapid response to unfolding incidents

GIVING YOU CONTROL OF BANKING SECURITY AND COMPLIANCE

The financial sector has long been a pioneer of new technology, embracing everything from ATMs to Internet banking in its drive to improve customer service and increase efficiency. But as banking technology becomes more complex and integrated, it is increasingly difficult to maintain information security, prevent fraud, and in particular to ensure compliance with the growing list of standards mandated by the industry, governments, and your own IT policies.

The level of threat is high: Verizon's 2015 Data Breach Investigations Report revealed crimeware and attacks on web applications are still among the top three threats to financial institutions, accounting for 36% and 31% of all confirmed data leaks in the previous year respectively.

It is time for many financial institutions to take a fresh look at their security and compliance strategy.

A TRUSTED PARTNER IN FINANCIAL SECURITY

Positive Technologies has more than a decade of practical experience securing information systems for many large banks around the world. Using this unique knowledge, we have created a range of solutions and services that solve real-life banking security challenges.

TAKE CONTROL OF YOUR COMPLIANCE

Financial service providers face more regulations than almost any other sector; from industry standards such as PCI DSS to local laws and individual corporate guidelines. Implementing regular, automated compliance checks within this complex framework of banking information systems, appliances, software, and business applications can seem impossible, but it can be achieved with the right expertise.

The MaxPatrol™ compliance and vulnerability management solution from Positive Technologies is pre-loaded with hundreds of checks already used by other banks to determine compliance with standards including PCI DSS, ISO, and SOX. It can be rapidly configured to check for your own custom standards, allowing your organization to implement an efficient, long-term compliance management process in a matter of days.

A single MaxPatrol™ scan determines your level of compliance with many different standards. It tests a wide range of systems: from network equipment and core banking systems to DBMS, ERP, and telephony solutions. And because we are actively engaged with the security community, helping to develop international industry standards, MaxPatrol™ is always up-to-date.

ALL-IN-ONE DEFENSE AGAINST FRAUD AND DATA BREACH

Cyber fraudsters target all aspects of your banking infrastructure; searching for weak spots they can exploit to steal funds or sensitive data. Positive Technologies offers tried-and-tested solutions and services to analyze and protect your CBS, internet banking portals, and other online banking systems, as well as the usual range of IT systems used by any major corporation. We work closely with leading developers and vendors of banking software to detect critical vulnerabilities which could allow attackers to bypass authentication mechanisms and SMS notifications to perform fraudulent transactions or access users' personal data.

At the same time as it simplifies your compliance procedures, MaxPatrol™ can automatically find and prioritize vulnerabilities, along with zero-day threats, in a wide range of IT systems such as network devices, ERP systems, and business applications — including those based on SAP™.

RAPID RESPONSE EXPERTISE

To successfully counter cybercriminals, you must think like one. Our specialist banking services team provides swift, tailored solutions for your unique security challenges:

- + Reveal weaknesses in your corporate networks, and online banking systems with **tailored security assessments** including penetration testing of network infrastructure, information traffic analysis, and zero-day vulnerability detection.
- + Get independent incident response and **forensic analysis** of security incidents. When your existing security mechanisms fail, our specialists detect and trace attacks that your systems may have missed or misinterpreted. Our recommendations will help to prevent similar incidents in the future.



"Before MaxPatrol™, we conducted vulnerability diagnosis only once a year because it took so much time. But with MaxPatrol™, we can work much faster. We can also detect and analyze vulnerabilities throughout a wider range of our systems than before and we have reduced costs."

Yoon Yong-gu, Head of Security Control, Hanwha Group (Korea)



"MaxPatrol™ has brought us all the benefits we required from an automated vulnerability and compliance management solution. It has allowed us to take control of security across all of our IT systems."

Mehdi Hamza, IT Security Officer, Attijari Bank (Morocco)



"MaxPatrol gave us a completely new insight on the network, from an angle that we were not looking at, in real time. This single product that does everything for us has saved us a lot of time."

Neehar Pathare, SVP Corporate IT, Financial Technologies, founders of the Multi-Commodity Exchange of India (MCX)



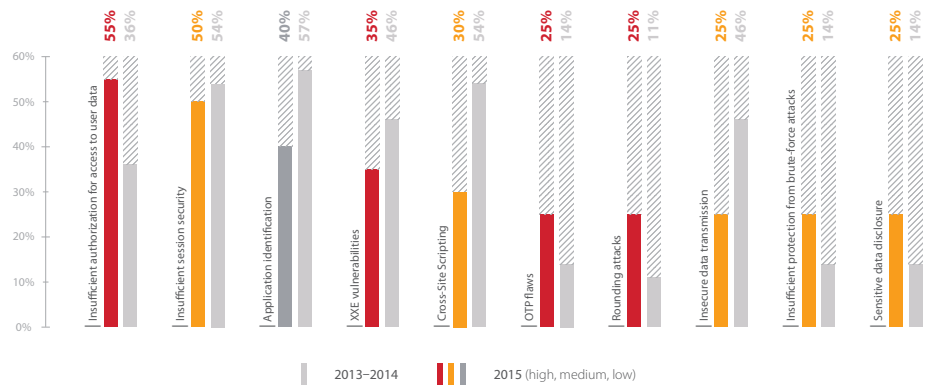
"Remote banking is one of our development priorities. It is especially important to ensure a high level of security. As part of a system upgrade project, we invited the experts from Positive Technologies to test our level of security. With their help we were able to improve our system security. We plan to bring in Positive Technologies to help us on other projects."

Yuri Lysenko, Head of IS administration, Home Credit Bank (Russia)

APPLICATION SECURITY: BANKING'S NEW FRONTLINE

Most financial organizations know they need to improve application security as they increasingly rely on apps for online and mobile banking as well as essential elements of their CBS. But rapid development cycles encourage a focus on functionality over security and most development teams lack security expertise. Information security specialists are often asked to defend "turnkey" applications once they are ready to deploy, significantly increasing the cost and time involved in eliminating high-risk vulnerabilities.

In 2015, Positive Research security auditors uncovered high severity vulnerabilities in 90% of the online banking systems they tested. More than half (55%) contained authorization flaws that could lead to exposure of user data*.



The vulnerabilities most commonly found in online banking systems*

Positive Technologies' specialist application security products and services help banks to secure all kinds of client-facing and internal applications. They can protect your banking and business apps from fraud and data leaks from the earliest stage of development and throughout their working life:

- + Automate source code analysis with PT Application Inspector™ (PT AI™), an innovative solution that combines static, dynamic, and interactive analysis (SAST, DAST, IAST) to find vulnerabilities in web applications.
- + Prevent zero-day attacks and online fraud with PT Application Firewall™ (PT AF™), a self-learning application firewall for web, mobile and ERP applications that can rapidly patch security holes, buying you time to fix vulnerable code. Its XML module inspects XML and SOAP content to match XSD and WSDL schemes, inspect external entities, and authenticate users through LDAP services.
- + Rapidly respond and conduct forensic analysis when applications are breached.
- + Benefit from our practical experience of analyzing over 500 enterprise applications per year, with our selection of AppSec services that range from penetration testing to incident investigation. These services are available for web, mobile, ERP, and client-server applications.

PREPARE FOR A MORE SECURE FUTURE

If the scale of your information security challenge seems too great, the experts at Positive Technologies can help you to assess your current security levels and formulate a security enhancement plan. Start the transition from a reactive "hole-fixing" approach to systematic control of security across all of your bank's critical systems.

* Source: Positive Research, Financial Sector Key Vulnerabilities in 2015, May 2016.

About Positive Technologies

Positive Technologies is a leading global provider of enterprise security solutions for vulnerability and compliance management, incident and threat analysis, and application protection. Commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on Industrial Control System, Banking, Telecom, Web Application, and ERP security, supported by recognition from the analyst community. Learn more about Positive Technologies at ptsecurity.com.

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