



DIASOFT CHOOSES POSITIVE TECHNOLOGIES FOR SECURE DEVELOPMENT

"Banks and other financial institutions are constantly experiencing increasingly sophisticated attempts by intruders to find vulnerabilities in their information systems. That is why security should be taken more seriously when developing banking information systems. And it is important to start being concerned about the security at the early development stage, from the first code line. Positive Technologies solutions help us to ensure the security of our clients."

Konstantin Varov
Managing Director
Diasoft Platform



COMPANY PROFILE

Solution: secure development, automated vulnerability detection, protection of banking and corporate applications

Industry: IT, finances

Company: Diasoft Platform

Holding: Diasoft

Customers: more than 300 financial companies, including 55 top Russian banks

Annual revenue as of 2013: 3.6 billion rubles.

Products: Diasoft FA#, FLEXTERA

KEY FEATURES:

- + Automation of financial institutions
- + IT consulting services, consulting on automation of business processes
- + Support and outsourcing
- + High-tech equipment and software supply
- + Infrastructure and system integration
- + Innovative platform for developing Diasoft Framework business applications for IT companies

THE CHALLENGE

Diasoft is the largest provider of IT solutions and leading developer of software for financial organizations. The group of companies is known for not only its core banking systems, FLEXTERA and Diasoft FA#, but also the developer platform Diasoft Framework. Initially used in the banking sector, the set of tools evolved into an open-ended platform, and now many of Diasoft's partners use it in developing business applications. Diasoft and its partners cater to the financial sector and they are concerned about security at every stage of software development lifecycle:

- + As early detection of code bugs reduces the cost to fix them, Diasoft decided to focus on principles of the secure software development lifecycle. In addition to organizational issues, automation means (primarily for source code analysis) are required.
- + Diasoft needs to provide its partners with its platform for developing custom solutions along with security tools and make sure they use these tools correctly.
- + Changes into large management systems are followed by testing and adaptation, which might take several months. This timeline might mean clients use obsolete software that doesn't contain security updates. Diasoft needs tools that eliminate vulnerabilities in client applications before code is corrected.

THE BENEFITS

The result of the collaboration between Diasoft and Positive Technologies has produced the application security resolution at several levels at once: in-house development, partners' usage of Diasoft Framework, and applications deployed in clients' facilities. The tools detect vulnerabilities and ensure everyday protection for banks and other financial organizations' software.

Konstantin Varov emphasized that due to the collaboration Diasoft was able to provide its clients with a high security level and high-speed response to new attacks against IT systems.

Diasoft Platform is a part of the Diasoft group of companies. The company is engaged in providing tools that allow software developers to create up-to-date business applications faster and with less effort. Diasoft Framework, the flagship product of the company, is the basis for applications that are adopted by the largest Russian banks and government bodies.

THE SOLUTION

The relationship between the Diasoft group of companies and Positive Technologies is longstanding. First, Positive Technologies tested Diasoft applications' vulnerability to security breaches.

Then the company implemented PT Application Inspector. As there were only a few false positives, vulnerabilities could be detected at the early stages of development. Moreover, PT AI was adjusted to Diasoft Framework, which allowed not only discovering common code defects, but also revealing specific logic bugs and incorrect usage.

For those partners that produce in-house solutions based on the Diasoft Framework, Diasoft, with the support of Positive Technologies, develops a tutorial for implementing secure development procedures. Diasoft also recommends that its partners use PT Application Inspector for code security control (Diasoft's clients have already adopted the system and use it to analyze code provided by their contractors).

Diasoft applications are employed in control systems for large financial organizations, large-scale services automation systems, etc. Software update (and vulnerability fixing) cannot be executed in a short time frame in this area. To protect such client applications, we recommend PT Application Firewall that is also adjusted to the Diasoft Framework. PT AF strengthens security as it understands the business logic of applications. The virtual patching solution integrated with PT Application Inspector eliminates vulnerabilities and blocks attacks before source code is corrected.

About Positive Technologies

Positive Technologies is a leading provider of vulnerability assessment, compliance management and threat analysis solutions to more than 1,000 global enterprise clients. Our solutions work seamlessly across your entire business: securing applications in development; assessing your network and application vulnerabilities; assuring compliance with regulatory requirements; and blocking real-time attacks. Our commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on SCADA, Banking, Telecom, Web Application and ERP security, and distinction as the #1 fastest growing Security and Vulnerability Management firm in 2012, as shown in an IDC report*. To learn more about Positive Technologies please visit www.ptsecurity.com.

*Source: IDC Worldwide Security and Vulnerability Management 2013-2017 Forecast and 2012 Vendor Shares, doc #242465, August 2013. Based on year-over-year revenue growth in 2012 for vendors with revenues of \$20M+.

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