

Application

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Inspector



4.0



SOURCE CODE ANALYSIS. ACCURATE VULNERABILITY DETECTION. INTEGRATION INTO CURRENT DEVELOPMENT PROCESSES.

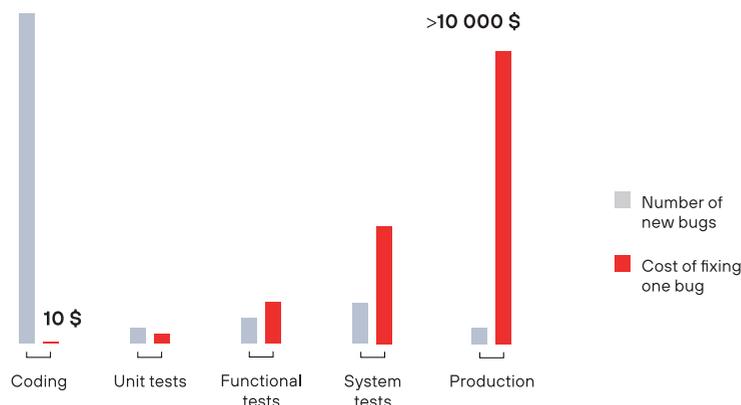
### PT Application Inspector

is a tool for detecting vulnerabilities both in the source code and in the running application, thus eliminating them at an early stage and supporting the process of secure development.

Web applications remain a popular target for attackers. As our research shows, one in five attacks is targeted at the web resources of organizations, most often these are government and financial institutions, online services, science and education centers, and IT companies.

Attackers exploit existing vulnerabilities: on average, there are more than two dozen per application, one fifth of which are critical. If attackers exploit them, the company may face serious financial and reputational risks: theft of important data, penetration into infrastructure, downtime, or complete shutdown of information systems.

Most vulnerabilities are contained in the source code, and it is better to eliminate them at the earliest stages of application development. This approach is much more effective than eliminating vulnerabilities at the operational stage.



Cost of fixing a defect at different stages of the application lifecycle

### Advantages of PT Application Inspector

PT Application Inspector combines four types of analysis: statistical (SAST), dynamic (DAST), interactive (IAST), and side component analysis (SCA). This combination covers the maximum number of vulnerabilities, and the flexible filtering system enables their prioritization by criticality.

It generates test exploits for checking the possibility of vulnerability exploitation. By taking into account grammar and fuzzing in the runtime environment, it saves the outlays of development teams on vulnerability confirmation.

The convenient and transparent licensing system allows you to involve the entire team in an unlimited number of projects.



#### Free pilot.

Check for vulnerabilities in your code—order a free PT Application Inspector pilot project



**Supported languages:**

Java, PHP, C#, Visual Basic .NET, JavaScript, TypeScript, Python, Kotlin, Go, C/C++, Objective-C, Swift, SQL (T-SQL, PL/SQL, MySQL)

**Deployment:** Linux + Docker containers + SSO (SAML, OpenID Connect, LDAP)

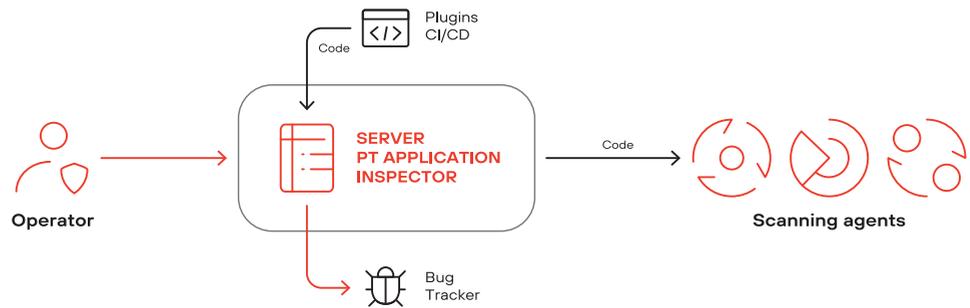
**CI/CD integration:** Jenkins, TeamCity, GitLab CI (CLI), Azure

**IDE integration:** JetBrains, Visual Studio Code

**Bug tracker integration:** Jira

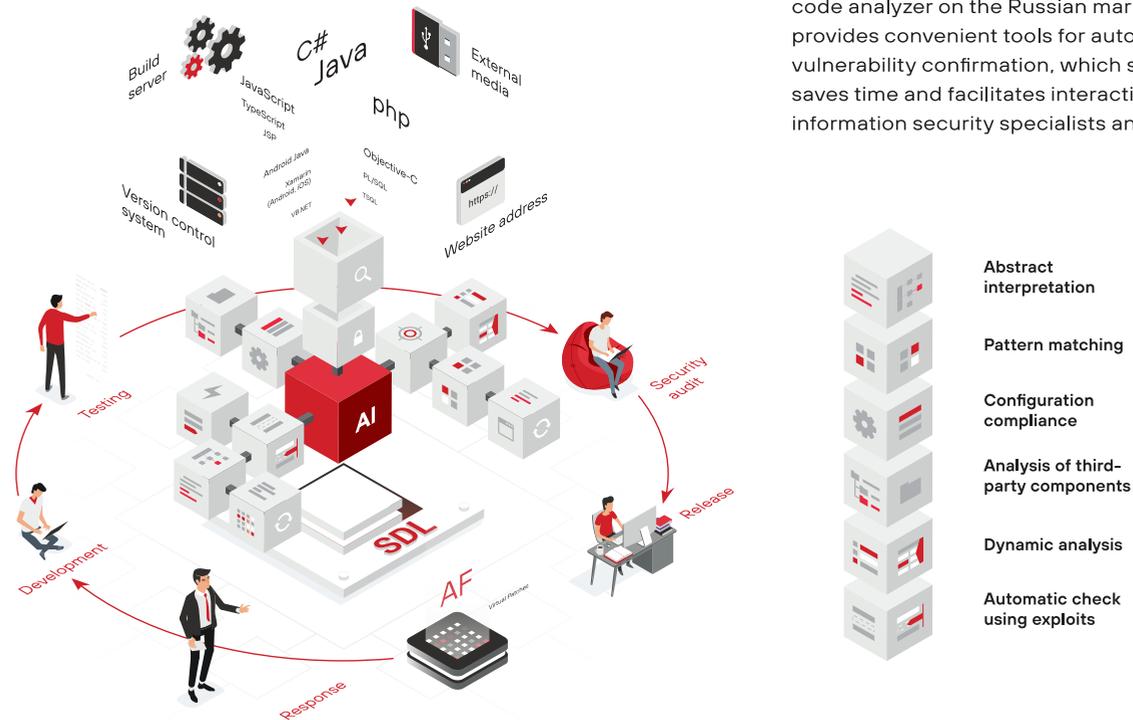
**API:** REST API (Swagger)

PT Application Inspector is effectively integrated into development processes. It supports integration with Jenkins, TeamCity, GitLab CI, and Azure, with a role-based access control model and ready-made plugins for connecting to application build and delivery systems, bug trackers, and development environments (IDE).



Scheme of integrating PT Application Inspector into the existing development process

**How it works**



PT Application Inspector is the only source code analyzer on the Russian market that provides convenient tools for automatic vulnerability confirmation, which significantly saves time and facilitates interaction between information security specialists and developers.