positive technologies

PT BLACKBOX

DYNAMIC APPLICATION SECURITY TESTING TOOL

Product overview

PT BlackBox simulates the actions of an attacker attempting to remotely compromise a site or service. The product not only detects third party components with known vulnerabilities, it also combines multiple analysis methods to find issues specific to the application under test. This makes PT BlackBox indispensable both as a standalone tool and as a dynamic analyzer integrated into your development pipeline.

Why PT BLACKBOX

Multidimensional vulnerability analysis

Analysis methods developed in close collaboration with leading cybersecurity experts allow detection of dozens of vulnerability classes (such as SQLi, RCE, XSS, XXE, and more).

Flexible automated analysis

Scanning and authorization can be fine-tuned for a specific application, while the analysis is conducted automatically — eliminating the need for manual verification.

Efficient scanning

Lowers resource consumption by skipping duplicate pages during scans, optimizing performance.

API vulnerability coverage

Direct API scanning enables you to identify potential vulnerabilities in critical backend systems.

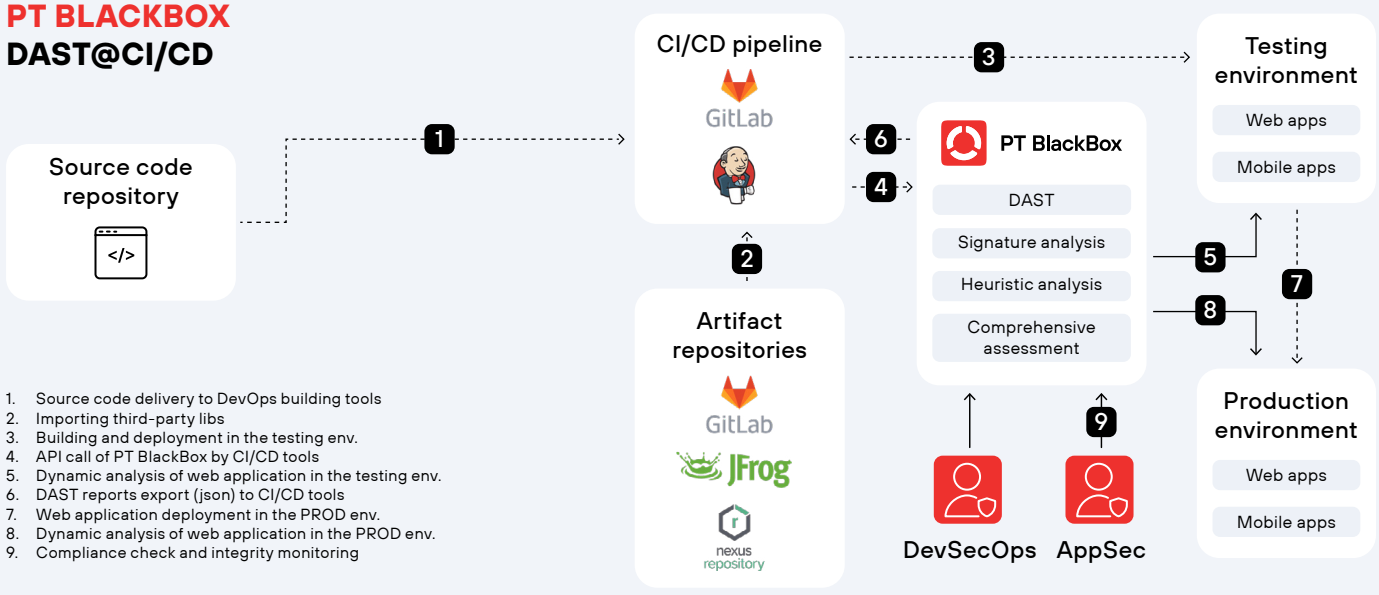
Key statistics

98% **of IT applications** contain vulnerabilities

91% **of applications** allow hackers to steal sensitive data

84% **of applications** enable hackers to gain access to web resources

PT BLACKBOX DAST@CI/CD



1. Source code delivery to DevOps building tools
2. Importing third-party libs
3. Building and deployment in the testing env.
4. API call of PT BlackBox by CI/CD tools
5. Dynamic analysis of web application in the testing env.
6. DAST reports export (json) to CI/CD tools
7. Web application deployment in the PROD env.
8. Dynamic analysis of web application in the PROD env.
9. Compliance check and integrity monitoring

What you get

Effective detection of zero-day vulnerabilities

Thanks to a combination of signature and heuristic analysis, PT BlackBox can uncover previously unknown vulnerabilities.

DevSecOps compatible

PT Blackbox integrates natively into your organizations Secure Software Development Lifecycle (SSDLC) process for any automaton scenario.

PT BlackBox

LEARN MORE ABOUT

PT BLACKBOX

Positive Technologies provides result-driven cybersecurity solutions, safeguarding businesses, governments, and global events like the Olympic games, Phygital Games of the Future, and the FIFA World Cup from devastating attacks.

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