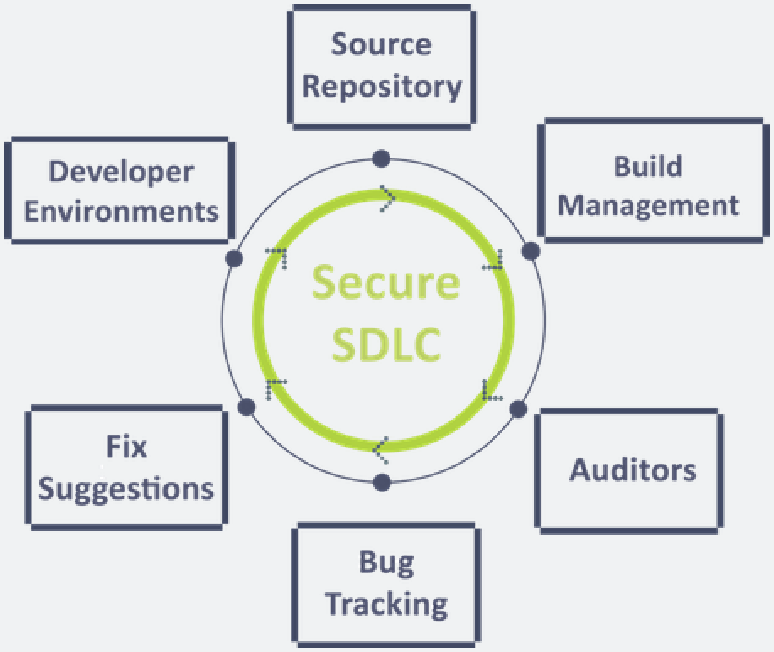
CHECKMARX
choose what developers use

CxSAST

Checkmarx CxSAST is a highly accurate and flexible Source Code Analysis product that allows organizations to automatically scan un-compiled / un-built code and identify hundreds of security vulnerabilities in the most prevalent coding languages.

CxSAST is available as a standalone product and can be effectively integrated into the Software Development Lifecycle (SDLC) to streamline detection and remediation. CxSAST can be deployed on-premise in a private data center or hosted via a public cloud.



WHY CxSAST

For enterprise companies who want to minimize application security risk, CxSAST provides the ability to eliminate vulnerabilities early in the SDLC. Unlike other SAST solutions, CxSAST is widely adopted by development teams because it seamlessly fits in with their existing software development lifecycle.

SUPPORTED STANDARDS

OWASP TOP 10 2013 | OWASP MOBILE TOP 10 | SANS 25 | HIPAA | MITRE CWE | FISMA | PCI DSS | MISRA | BSIMM

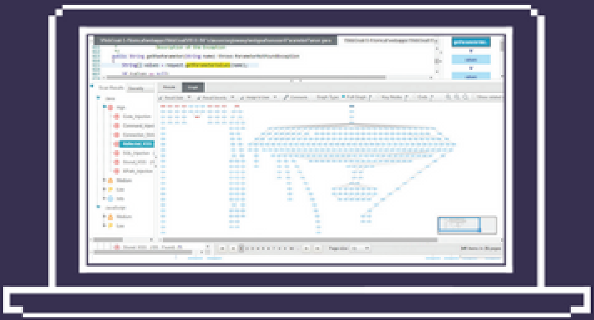
SUPPORTED CODING LANGUAGES

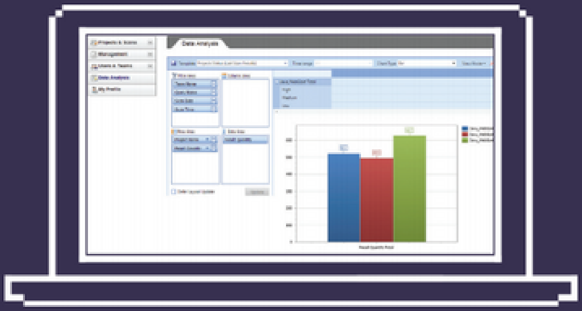
Java | JS | php | python | Groovy | Apex | android | perl

Microsoft .net | HTML 5 | Windows Mobile | C++ | Scala | Ruby | ASP.net | VB.NET | Visual Basic 6.0 | PL/SQL

CxSAST VIEWER

The CxSAST Viewer provides an optimal user experience for security professionals and developers, enabling them to investigate the identified vulnerabilities and decide on the best remediation action. The Viewer presents the attack vector and the flow of data from input to sink. Clicking on a node presents the relevant line of code and remediation method.



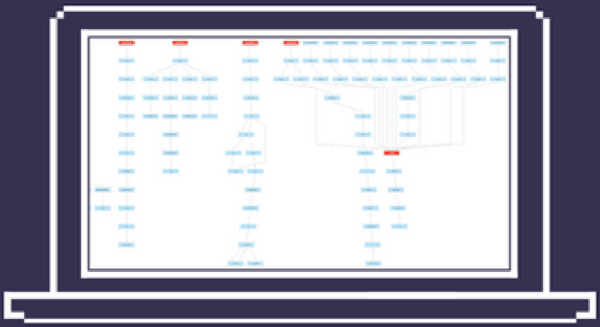


DASHBOARD & REPORTS

Analyzing data and generating reports with Checkmarx is simple. You can use the predefined data analysis reports, or modify and create your own via an intuitive drag and drop mechanism specifying the parameters you wish to analyze, how you wish to alter the data and by specifying the graph type. Modifications take effect in real time. Analysis can then be exported to PDF or Excel.

OPTIMIZING REMEDIATION EFFORTS

Checkmarx goes a step beyond identifying vulnerabilities. In addition to listing the findings, we utilize graph theory algorithms to consolidate attack vectors and point out the critical junctions multiple attack vectors flow through which serve as the best locations to fix the code. Graph View optimizes developer remediation efforts by ensuring they fix the minimum amount of places in the code to achieve full coverage.



SUPPORTED VULNERABILITIES

CxSAST scans for hundreds of vulnerabilities out-of-the-box, including the most common ones:

- SQL Injection
- Cross-Site Scripting
- Code Injection
- Buffer Overflow
- HTTP Splitting
- Log Forgery
- Denial of Service
- Session Fixation
- Parameter Tampering
- Cross-Site Request Forgery
- Session Poisoning
- Unhandled Exceptions
- Unreleased Resources
- Unvalidated Input
- Dangerous Files Upload
- Hardcoded Password and more...

Microsoft

"Part of the problem is that most security tools are too slow to work in a Continuous Integration model. Checkmarx is probably the tool that's cracked that first. Ideally, you want to be able to have your code scanned as part of the pull request in the Continuous Integration flow, and that's just not practical with most tools that exist."
Sam Guckenheimer, product owner for Visual Studio Cloud Services at Microsoft

playtech
SOURCE OF SUCCESS

"Checkmarx is loved by both our InfoSec team and our developers. It is easy to use and provides highly accurate results combined with the flexibility we need to enforce our application security policy."
Kobi Lechner, Information Security Manager, Playtech

LIVEPERSON

"Checkmarx's technology is highly accurate and easy to use. It offers great performance and the ability to scan incomplete code samples. Checkmarx was agile enough to support special requests we had for our secure SDLC and was the most sensible decision commercially."
Security Specialist, LivePerson

salesforce

Salesforce.com selected Checkmarx's Static Code Analysis tool as the official Force.com Security Code Scanner. With over 2.5 billion LoC scanned to date and 2 million vulnerabilities detected, Checkmarx ensures all AppExchange applications are secured to the highest standards.