CxSAST
Static Application Security Testing

Software Security is No Longer 'a Nice to Have' Item.

In the early years of software development, security was raised as an afterthought. This was tolerable in the days of monolithic applications and closed networks, when perimeter-based protection and IAM tools could take you a long way. However, in today's highly connected, API-driven application environments, these traditional tools simply don't cut it. Nowadays, any given software component or service can be invoked and potentially abused in multiple ways. Add to this the highly iterative 'DevOps-style' release frequency, and it becomes clear that security management and assurance must be an ongoing and integral part of the development and delivery process.

CxSAST Unique Values

Take control of your software security and understand your business risk.

Ease of Automation
Enable developers through IDE integrations, automation and managed services and streamline and secure continuous integration/deployment (CI/CD).

Actionable Insights
Leveraging information intelligently, using machine learning algorithms, correlations and user-define rules, to generate fast, accurate and actionable results.

Manage Security Risk at Scale
Empower teams to define and implement policies that govern application security, enforce these policies through build-tool integrations and manage remediation efforts through IT workflow support.

Pinpoint Accuracy for Remediation
CxSAST understands your software and how data moves through an application. Its "Best Fix Location" algorithm automatically highlights the best place to remediate issues, allowing developers to fix multiple vulnerabilities at a single point in the code.

Find Vulnerabilities Sooner
Unlike some static analysis offerings, CxSAST scans uncompiled code and doesn't require a completed build. No dependency configurations – no learning curve when switching languages. It even works from the developer's IDE. This allows organizations to use CxSAST earlier in the software development lifecycle, when it is far less expensive and time-consuming to fix coding errors.

Get to the Root of It
With Checkmarx, you can view the reasoning and proof of all scan results to understand the root cause of the vulnerabilities. You aren't limited to the rules everyone else uses. Checkmarx Open Query language allows organizations to have complete control of the intellectual research behind CxSAST.

Cross Product Synergies

CxSAST is at the heart of Checkmarx software exposure platform, integrating with each and every product in the platform as well as with the overarching management and orchestration layer.

These unique integrations allow for greater coverage, "cleaner" results, and more intelligent prioritization and remediation. With a single pane of glass, organizations can easily manage AppSec risks in one place, and have a holistic view of their software exposure, helping them easily mitigate the risk and focus on what matters most.

Comply with Regulatory Standards

Regulatory standards such as PCI-DSS, HIPAA, FISMA and others, require organizations to test for common vulnerabilities like those found in the OWASP Top 10 and the SANS Top 25. CxSAST finds these and more. Plus, with unique query language, you can easily create your own security policy consisting of the vulnerabilities most important to your industry and organization.

Supported Standards

Flexible Deployment Options

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 in a private data center or hosted via a public cloud

About Checkmarx

Checkmarx is the Software Exposure Platform for the enterprise. Over 1,400 organizations around the globe rely on Checkmarx to measure and manage software risk at the speed of DevOps. Checkmarx serves five of the world's top 10 software vendors, four of the top American banks, and many government organizations and Fortune 500 enterprises, including SAP, Samsung, and Salesforce.com. Learn more at Checkmarx.com or follow us on Twitter: @checkmarx.