Checkmarx Software Security Platform

We live in an era of digital transformation with software at the heart of it. Software is every-where – in our mobile devices, in our computers, in our homes, and our cars. When software is everywhere, everything becomes an attack surface.

A New Scale of Software Security Risk

The Software Security space, formerly known as application security, has been around for a number of years. In the early days, most organizations focused only on performing penetration testing. Today's reality is more complex. Software security risk is multidimensional.

Software Risks

Organizations of every size are being encouraged to use open source to accelerate time-to-market while lowering development costs. Therefore, it is critical that vulnerabilities related to custom code, open source, and run-time risks will be identified as early as possible.

Awareness Risks

Building secure software requires more than technology. It also requires an investment in people. When organizations lack security awareness, the outcome is repeated errors, vulnerabilities over time, and unnecessary refactoring and retesting of code.
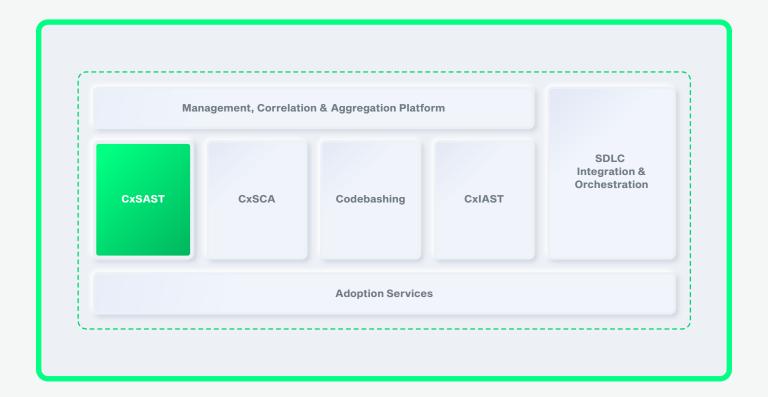
Adoption Risks

Strong adoption and automation is required to take advantage of newer, more efficient development methodologies like Agile, Continuous Integration (CI), and DevOps. The result of security solutions being treated as standalone solutions, operated only by security teams, end in longer remediation cycles and incomplete testing. Once you understand the full scale of the risk, you realize that securing your software takes more than a tool.

Single Platform For All Of Your Software Security Needs

Checkmarx makes software security essential infrastructure: unified with DevOps, and seamlessly embedded into every stage of your SDLC, from uncompiled coding to runtime testing. Our holistic platform sets the new standard for instilling security into modern development, so you can turn your software security risks into your software advantage – today and far into the future. With Checkmarx you get:

- **Security from the Start.** We deliver the industry's most comprehensive, unified software security solution that tightly integrates SAST, SCA, IAST and developer training to embed security into every stage of your SDLC.

- **DevOps Speed.** Only Checkmarx enables you to manage software security risks at the speed of DevOps – getting applications to production quickly and securely without interrupting developer workflows.

- **Unmatched DevSecOps Expertise.** We know software like no one else. We know security like no one else. And by setting DevOps free with a single embedded security platform, developers like Checkmarx better than any-one else.

> When software is everywhere security is everything.
> — Emmanuel Benzaquen, CEO - Checkmarx

Checkmarx Static Application Security Testing (CxSAST)

Checkmarx Static Application Security Testing is an enterprise-grade, flexible and accurate static analysis solution used to identify hundreds of security vulnerabilities in custom code. It is used by development, DevOps, and security teams to scan source code early in the SDLC, identify vulnerabilities, and provide actionable insights to remediate them.

The solution supports over 22 coding and scripting languages and their frameworks with zero configuration to scan any language.

Checkmarx Open Source Analysis (CxOSA)

Checkmarx Open Source Analysis empowers development, security, and operations teams with the tools and insight necessary to efficiently address the risks associated with the open source software within the applications they create, deploy, and maintain.

Checkmarx Interactive Application Security Testing (CxIAST)

Checkmarx Interactive Application Security Testing fills the critical software security gap by leveraging existing functional testing activities to automate the detection of vulnerabilities on running applications. It is the industry's first IAST solution that

fully integrates with SAST and offers query language, allowing for greater vulnerability coverage and higher accuracy.

Checkmarx AppSec Awareness (CxCodebashing)

Checkmarx Codebashing cultivates a culture of software security that empowers developers to take security into their own hands, and be comfortable to do so. Training is delivered just-in-time, educating developers on specific challenges they are facing, without diverting them from accomplishing their main task – writing code.

Checkmarx Services

Checkmarx Services are driven by a single focus: to ensure you get the most out of our application security testing solutions. Our dedicated teams of experts work with you every step of the way, providing you with the knowledge, tools, and best practices you need to maximize your return on investment for secure software development.

Unmatched DevSecOps Expertise. We know software like no one else. We know security like no one else. And by setting DevOps free with a single embedded security platform, developers like Checkmarx better than anyone else.

Key Benefits

Enhanced Automation: Empowering organizations to move the needle from manual to automation by introducing new capabilities of integrating and automating the Checkmarx Software Security Platform during the coding phase via developer code collaboration tools.
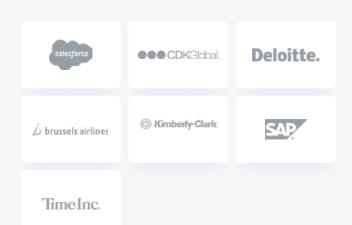
Enhanced Coverage and Accuracy: Enhance language and framework support, improve accuracy and performance.

Built to Address Every Organization's Needs: When it comes to implementation, the Checkmarx Software Security Platform provides the full scope of options: including private cloud and on-premises solutions. Allowing a range of implementation options ensures customers can start securing their code immediately, rather than going through long processes of adapting their infrastructure to a single implementation method.

Checkmarx has been a pioneer in software security for over 13 years. Today, we are transforming the industry to move beyond traditional security testing, to managing software security across the entire SDLC at the speed of DevOps. More than 1,400 of the world's leading organizations trust Checkmarx to power their software security programs.

We are a leader in the 2019 Gartner Magic Quadrant and are ranked #1 by your industry peers on Gartner Peer Insights.

salesforce

CDKGlobal.

Deloitte.

brussels airlines

Kimberly-Clark

SAP

Time Inc.

Checkmarx

Checkmarx is constantly pushing the boundaries of Application Security Testing to make security seamless and simple for the world's developers while giving CISOs the confidence and control they need. As the AppSec testing leader, we provide the industry's most comprehensive solutions, giving development and security teams unparalleled accuracy, coverage, visibility, and guidance to reduce risk across all components of modern software – including proprietary code, open source, APIs, and Infrastructure as Code. Over 1,600 customers, including half of the Fortune 50, trust our security technology, expert research, and global services to securely optimize development, at both speed and scale. For more information, visit our website, check out our blog, or follow us on LinkedIn.