



Checkmarx Software Security Platform

Instilling security into your SDLC

A NEW SCALE OF SOFTWARE SECURITY RISK

We live in an era of digital transformation with software in the heart of it. Software is everywhere – in our mobiles, in our computer in our homes and our cars. When software is everywhere, everything becomes an attack surface.



When software is everywhere security is everything

— Emmanuel Benzaquen, Checkmarx CEO

The Software Security space, formerly known as application security, has been around for a number of years. In the early days, most companies focused just on doing 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 will be identified as early as possible.

Awareness Risks

Building secure software requires more than technology. It also requires an investment in people. When an organization lacks a security awareness, the outcome is repeated errors and 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, and DevOps. The result of security solutions are treated as standalone solutions to be operated only by security teams, are 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 YOUR SOFTWARE SECURITY NEEDS

Checkmarx Software Security Platform is an enterprise-grade unified platform which binds Security with DevOps culture, identifying, triaging, intelligently prioritizing, and remediating security risk exposure across the software development lifecycle (SDLC) from the coding stage through the runtime application testing stage.

Checkmarx Static Application Security Testing (CxSAST)

Checkmarx SAST 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.

Supporting 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 a Static Application Security Testing 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.

KEY BENEFITS



Mitigate your software security risk from a single pane of glass

Gain full visibility of your code exposure for both custom and open source components and make better business decisions through the use of reports, customizable dashboards and APIs (correlation)



Unified Central Management

Checkmarx platform offers a consolidated software security solution across the SDLC. This includes a unified central Management layer for managing both organization application policies as well as the Definition and manage all user profiles across the entire Checkmarx portfolio.



Optimize Your Remediation Efforts at Scale

Checkmarx Software security platform aggregates scan results from the different Checkmarx products and automate the findings prioritization by the use of machine learning algorithms, correlations, policy tuning and custom weights.



Built to address every organization's needs

When it comes to implementation Checkmarx software security platform provides the full scope of options. Including private cloud, and on premise 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 for software security for over 13 years, now we are transforming the industry to move beyond traditional security testing to managing the software security across their entire SDLC at the speed of DevOps. More than 1,400 of the world's leading organizations trust Checkmarx to power their software security program.

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



brussels airlines

Deloitte.



Kimberly-Clark



Time Inc.

Software = Security

About Checkmarx

Checkmarx makes software security essential infrastructure, setting a new standard that's powerful enough to address today's and tomorrow's cyber risks. Checkmarx delivers the industry's only comprehensive, unified software security platform that tightly integrates SAST, SCA, IAST and AppSec Awareness to embed security into every stage of the CI/CD pipeline and minimize software exposure. Over 1,400 organizations around the globe trust Checkmarx to accelerate secure software delivery, including more than 40 percent of the Fortune 100 and large government agencies. Learn more at [Checkmarx.com](https://www.checkmarx.com)

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