

Checkmarx One™ Application Security Platform

Secure Application Development Powers Innovation

Today's organizations thrive on the software they develop. However, software is also becoming increasingly complex, and security teams are struggling to keep up with the speed of development. That doesn't mean, though, that we take the emphasis off security. Application Security Testing (AST) remains a critical step in the delivery of secure software. Without comprehensive AST in your software development pipelines, you're introducing unnecessary risk to your organization and your customer base.

What your organization doesn't need is multiple point solutions, uncorrelated and inaccurate results, or complex testing

infrastructure. You simply can't afford the time, friction, or overhead. For your teams to code securely and deliver great applications, you need to integrate and automate AST during development with a low-overhead delivery mechanism.

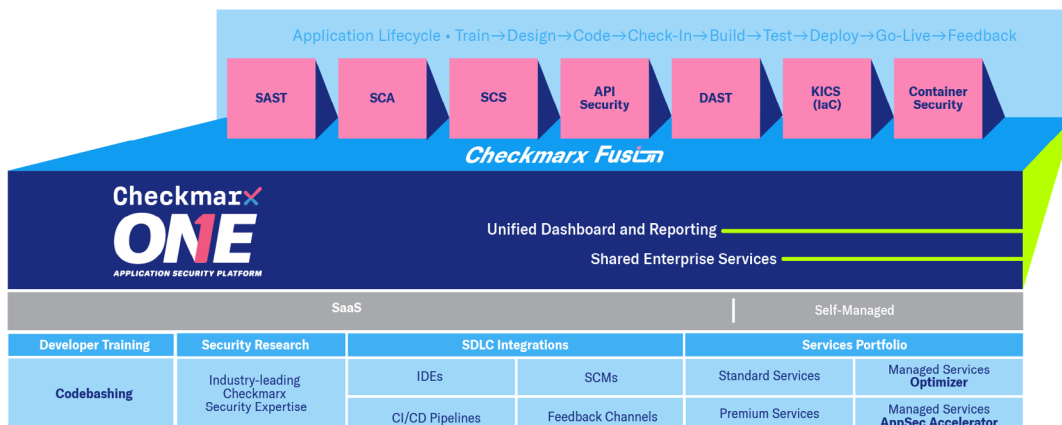


Reduce Risk and Stay Efficient

The **Checkmarx One Platform** delivers essential application security testing services from a unified, cloud-based platform. In one scan, it analyzes source code, open source and supply chain dependencies, IaC templates, aggregates and verifies the results, and augments them with expert remediation advice. Best of all, these services integrate right into your existing development tools and processes.

The Checkmarx One platform is delivered from a data-isolated, secure cloud. This eliminates the overhead of managing the AST infrastructure while providing continuous service updates and functionality enhancements. With the Platform, you can trigger a comprehensive code scan from a single event, like a click in the UI or a pull request/code commit to a source code repository.

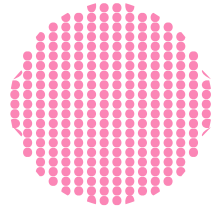
The Checkmarx One Platform is composed of the following AST services in an easy-to-use platform.



Checkmarx One Platform

List of Application Security Testing Services

- > **SAST** identifies vulnerabilities in your application source code by scanning code early and often during software development and delivers insights about how to remediate complex security issues at the source code level.
- > **SCA** empowers you and your teams with the tools and insight you need to address vulnerability and license risks associated with the open source code in the applications you create, deploy, and maintain.
- > **SCS** gives you a more comprehensive approach to preventing supply chain attacks and securing open source usage by enabling developers to perform vulnerability, behavioral, and reputational analysis of dependencies.
- > **API Security** provides continuous inspection and actionable data to help you to secure your APIs from vulnerabilities and any exposed application logic and sensitive data before they go live.
- > **DAST** helps you gain additional security analysis of your running applications by testing them from the outside-in, simulating attackers launching their various attack scenarios to help find unidentified vulnerabilities during runtime.
- > **KICS (IaC)** scans your IaC files to find security vulnerabilities, compliance issues, and infrastructure misconfigurations. With more than 2,000 predefined queries, KICS can help you quickly find IaC security issues before infrastructure is deployed.
- > **Container Security** provides information on the current security state of your container-based systems and workloads, including container images and running containers.



The Results:

The **Checkmarx One Platform** allows you to test, verify, remediate, and secure all the code that makes up your modern applications. The Platform provides the most comprehensive

approach to managing your risks, and accelerates development, delivery, and deployment timelines for the applications your organization relies on.

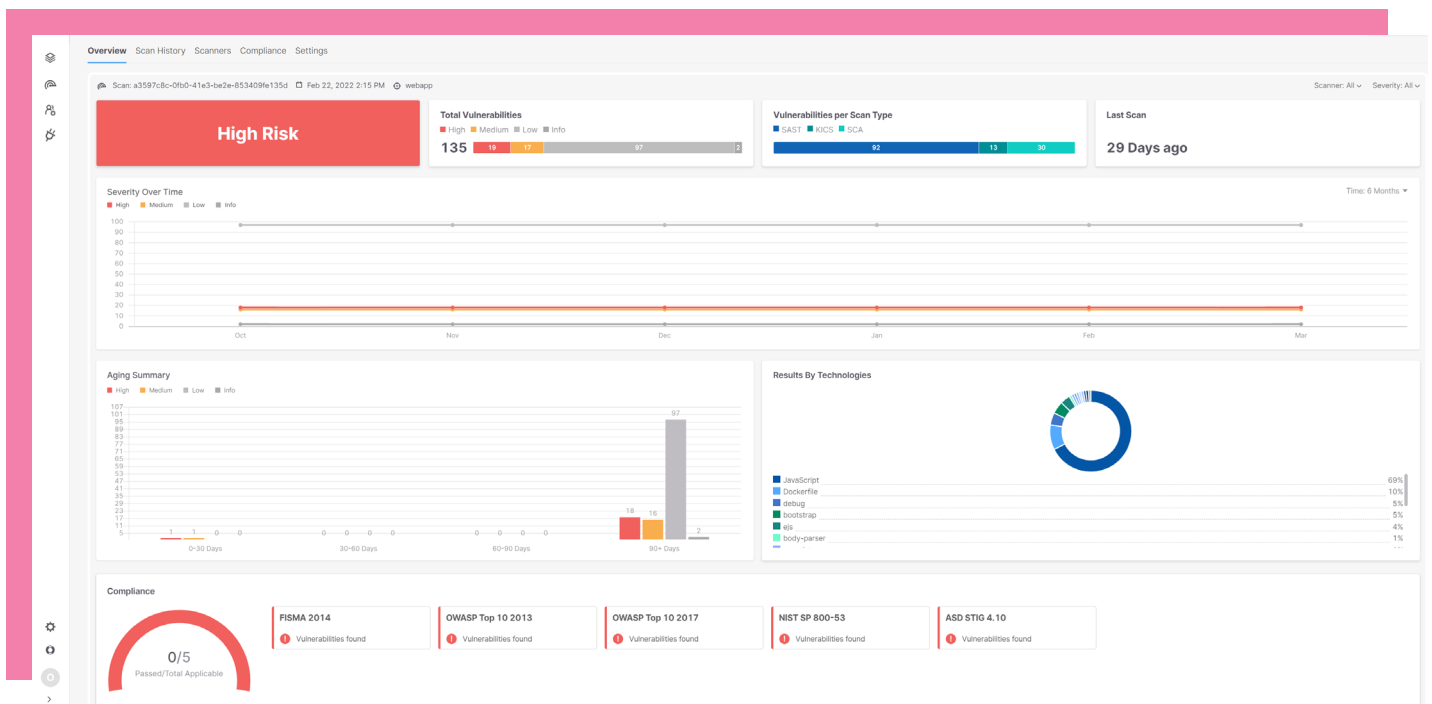
Built on a Solid Foundation of Security Experience, the Platform:

- > Comes as Software as a Service (SaaS) or can be self-managed, easily integrates into today's dev pipelines, and comes with standard and optional AppSec services.
- > Provides a unified dashboard, reporting, and delivers a vastly needed correlation capability called Checkmarx Fusion, with topology and table views so you can truly measure your risk.
- > Is underpinned by Checkmarx industry-leading open source, supply chain, and consumer-focused security research, plus our extensive software development and security expertise.
- > Includes a real-time, integrated, and gamified developer secure code training platform called Codebashing so you and your developers can learn while coding.
- > Fits well into AppSec programs with SDLC integrations and plugins for IDEs, SCMs, CI/CD pipelines, and the tools you use daily.

Why Use Our Platform?

Bringing together critical services and integrated, proven technology, the Platform gives you:

- > **Aggregated scans:** Trigger multiple scan types from a single action and correlate the results for a complete, more accurate picture of your code security.
- > **Faster time to value:** Kick-start your AppSec program in hours, not days, with fast onboarding, simple configuration, and enhanced scan tuning.
- > **Speed and scalability:** Leverage secure, cloud-powered scanning at whatever capacity you demand, with no need to manage scanning infrastructure.
- > **Lower friction and overhead:** Integrate the platform into your existing software build pipelines and feedback systems, instead of using siloed AST solutions that slow software development and delivery.
- > **Wide technology coverage:** Know you're covered across your development portfolio with support for 30+ languages, most popular package managers, and a growing list of IaC templates.



Services That Make Sense

At Checkmarx, we have a history of helping organizations achieve their security initiatives by delivering robust application security solutions. Our Platform Service Packages support your secure software initiatives in

complex development environments. We provide the services you need to get our solutions up and running quickly so you can improve security, meet compliance requirements, and reduce risk.

Checkmarx experts will partner with your teams to:

- > Integrate and automate Checkmarx One into your SDLC.
- > Deliver accurate results to speed up remediation.
- > Foster developer adoption by minimizing disruption.
- > Streamline AST into existing workflows and processes.
- > Measurably improve your overall AppSec program.

The Checkmarx Difference

Our Platform Service Packages deliver end-to-end support-from deployment, onboarding, integration, and automation through adoption, testing, remediation, and best practices-so you can rest assured that our expert services teams

have you covered on all aspects. We support you through every step of your secure software initiatives by focusing on four key areas of differentiation: speed, efficiency, efficacy, and measurable security improvements.

The Bottom Line

The Checkmarx One Platform is the essential solution for security teams that want to accelerate their time to value. It empowers

you and your teams to meet deadlines without the complex overhead of legacy application security testing solutions and point products.

TABLE 1: SUPPORTED LANGUAGES AND ENVIRONMENTS

SAST Supported Languages		SCA and Package Managers Language Support		IaC Format Support
Android	Kotlin	Java	Microsoft .NET	Ansible
Apex	Microsoft .NET	JavaScript	Node.js	Terraform
ASP	Perl	React	PHP	AWS CloudFormation
C++	PHP	Angular	Python	AWS Cloud Development Kit
Enterprise Cobol for z/OS	PL/SQL	C#	Scala	AWS SAM
	Python	F#	TypeScript	
Go	Ruby	Groovy	WCF	Docker
Groovy	Scala	Kotlin	WPF	Google Deployment Manager
HTML5	VBScript	Package Managers		gRPC
iOS	Visual Basic	Bower	NuGet	
Java		Composer	Pip	Helm
JavaScript		Gradle	SBT	Kubernetes
		Maven	Yarn	Microsoft ARM
		NPM		OpenAPI 3.0

To learn more about the Checkmarx One Platform, request a demo [here](#).