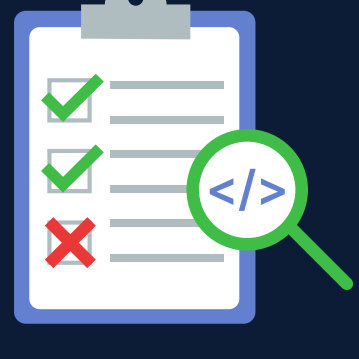


JFrog vs. Checkmarx: The Binary Difference

Securing the Full Software Supply Chain — from code to runtime

Stop Checking Boxes, Start Leaping Ahead:
See why JFrog provides more than just a passing mark.

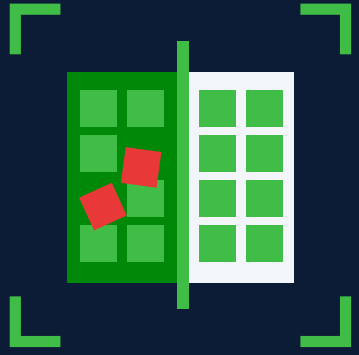
Key Technological Differentiators



AppSec beyond source code — with binary-level vulnerability detection
JFrog scans **source code + binaries + artifacts**, so security decisions reflect what's **actually deployed**, not just what's sitting in a repo.



Prioritize real risk (less noise, more action)
JFrog uses **contextual analysis** to help teams focus on vulnerabilities that are **actually exploitable**, cutting through CVE overload and false positives.



Preemptive protection, not just detection
With **JFrog Curation**, teams can **block risky or malicious components** before they enter the **SDLC**, reducing downstream remediation.



One platform, one source of truth
JFrog fully integrates security inside the **JFrog Software Supply Chain Platform**, with **Artifactory as the system of record** — reducing silos, eliminating tool sprawl, and establishing end-to-end visibility of security issues



Traceability & governance from code → build → prod
JFrog delivers end-to-end lineage and control, so you can **verify integrity** and **enforce policy across every stage of the SDLC**.

Quick Comparison Snapshot

Please note that the following research findings reflect information that is available to the public and is to our best understanding.

	JFrog	Checkmarx
Single System of Record for Software Supply Chain	✓	—
Comprehensive Software Composition Analysis (SCA)	✓	✓
Binary Scanning (Secrets included)	✓	—
Intelligent Prioritization with CVE Contextual Analysis	✓	Partial (Source Reachability Only)
Preemptive Blocking of Risky/Malicious 3rd-party Components	✓	—
End-to-end Release Integrity	✓	—

Why Enterprises Choose JFrog

Reduce tool sprawl
Consolidate security workflows instead of stitching together siloed tools.

Cut remediation time
Stop drowning in alert noise. Prioritize what actually matters based on context.

Protect earlier in the SDLC
Shift from “detect and react” to **prevent and control** with gated, curated components.

Developer-friendly adoption
Security that fits into DevOps workflows — with **less friction** and easier rollout.

Better ROI at scale
A unified platform approach can be more operationally efficient and cost-effective than stacking point tools as teams grow.

The Verdict

I follow the basic principles for AppSec: Prevent, Detect, Remediate. When I look at JFrog, they're checking those boxes for me.

James Carter, Distinguished Engineer, Deloitte

Want to secure your software supply chain end to end??
The Smartest Move on the Board: Checkmate your supply chain risks with a unified platform.

Book a Security Demo

Take the Product Tour

DevOps Dozen 2025

Best Supply Chain Security Solution

JFrog Platform

WINNER

We were voted the best for a reason

“In today's fast-moving software economy, organizations must redefine how they secure and govern software from code to deployment. JFrog continues to meet this challenge by delivering on end-to-end transparency, traceability, and trust across the software supply chain.”

Alan Shimel, Techstrong Group Founder & CEO