

JFrog vs. Black Duck: Beyond SCA

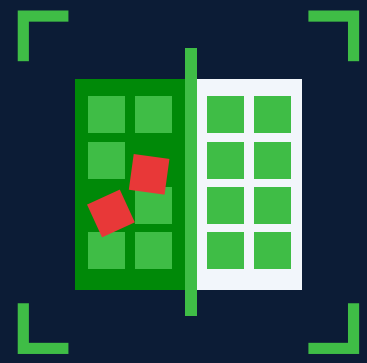
Securing the Full Software Supply Chain — from code to runtime

Don't be a sitting Duck in the face of vulnerabilities:

Secure your software supply chain from code to production.

Black Duck has SCA, but modern risk spans binaries, build outputs, CI/CD, and runtime — where JFrog delivers proactive, fully-integrated protection.

Key Technological Differentiators



Preemptive security: block risk before it spreads

JFrog **blocks risky or malicious 3rd-party components before they enter the SDLC**—so teams don't spend cycles discovering security issues later in the SDLC and scrambling to fix them.



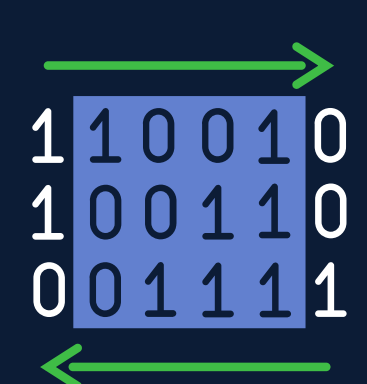
Secure software right where you manage it

JFrog seamlessly integrates application security with the software system of record



Cut alert noise down by up to 90%

JFrog uses **CVE transitive contextual analysis**, helping teams focus on the vulnerabilities that are **actually exploitable**.



Built-in binary-level SCA that also detects secrets

JFrog scans artifacts at the binary level, uncovering vulnerabilities that code scanning alone doesn't detect. It also detects secrets, which Black Duck requires a completely separate product to do.



End-to-end release integrity

JFrog extends beyond “application security findings” to deliver **end-to-end release integrity** across the software supply chain.

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

Why Enterprises Choose JFrog



Eliminate tool sprawl + integration overhead

Consolidate AppSec workflows into **one platform**, instead of stitching together siloed tools.



Reduce noise + accelerate remediation

Spend time fixing what matters most — not chasing endless CVEs and false positives.



Shift security earlier than “left”

Prevent risk before it becomes backlog by **blocking risky inputs at the source**.



Protect the entire software development lifecycle

Secure software from the first line of code through **build artifacts and runtime environments**—without sacrificing delivery speed.

The Verdict



Having already benefited from JFrog Artifactory, it was a natural progression for [us] to continue to invest in the JFrog Platform, which has security features, especially Curation, that align with our strategic initiative to **shift security left**.



Chief Information Security Officer, JFrog Customer: Leading Investment Banking Company

Get Your Ducks in a Row, then take the Leap to a Unified Platform.

[Book a Security Demo](#)

[Take the Product Tour](#)



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

