JFrog CURATION

SOLUTION SHEET

BLOCK RISKY OPEN-SOURCE COMPONENTS BEFORE THEY ENTER YOUR SOFTWARE SUPPLY CHAIN

Enforce security, operational, and compliance policies on every open-source package, AI model, and IDE extension at the point of request so only trusted components reach your developers.

THE CHALLENGE

Supply chain attacks have fundamentally changed the threat landscape. Attackers no longer just exploit known vulnerabilities. They poison the components developers trust, injecting malicious code before traditional scanners ever see it. Meanwhile, the explosion of open-source packages, AI models, and IDE Extensions has made manual vetting impossible at scale. Every unvetted download is an open door, and reactive security tools were not built to close it.

THE SOLUTION

JFrog Curation closes the gap that reactive tools leave open. It automatically intercepts and evaluates every third-party request at the gate, stopping poisoned components before they enter your environment. Policy enforcement is fully automated, eliminating manual vetting at any scale. And unlike tools that only scan new downloads, Curation continuously governs your local cache, so yesterday's safe package does not become tomorrow's breach.

Block Risky Components Before They Reach Your Developers

"With JFrog Curation, we're truly shifting left because we're now able to block malicious packages and risky components before they even enter our cloud instance, easing the minds of our security leadership team."

Head of Software Engineering, IT
JFrog Customer: Leading Healthcare Provider, EMEA

BUILD FAST, STAY SECURE, AND REMAIN COMPLIANT.

Build Without Bottlenecks

End the waiting game. Developers get instant access to compliant components without security tickets or manual reviews. When a package is blocked, Curation automatically serves a safe, vetted version of that component.

Prevent Fires, Don't Fight Them

Stop threats before they cost you. Curation intercepts and evaluates every third-party request at the gate, blocking malicious components before they enter your environment. Forrester reports a 65% reduction in critical vulnerabilities reaching production

Set Policy Once. Enforce It Everywhere

Define your security, operational, and compliance policies once and Curation enforces them automatically across every request, every team, and every repository. Every decision is logged, giving you a complete auditable trail for compliance reporting.

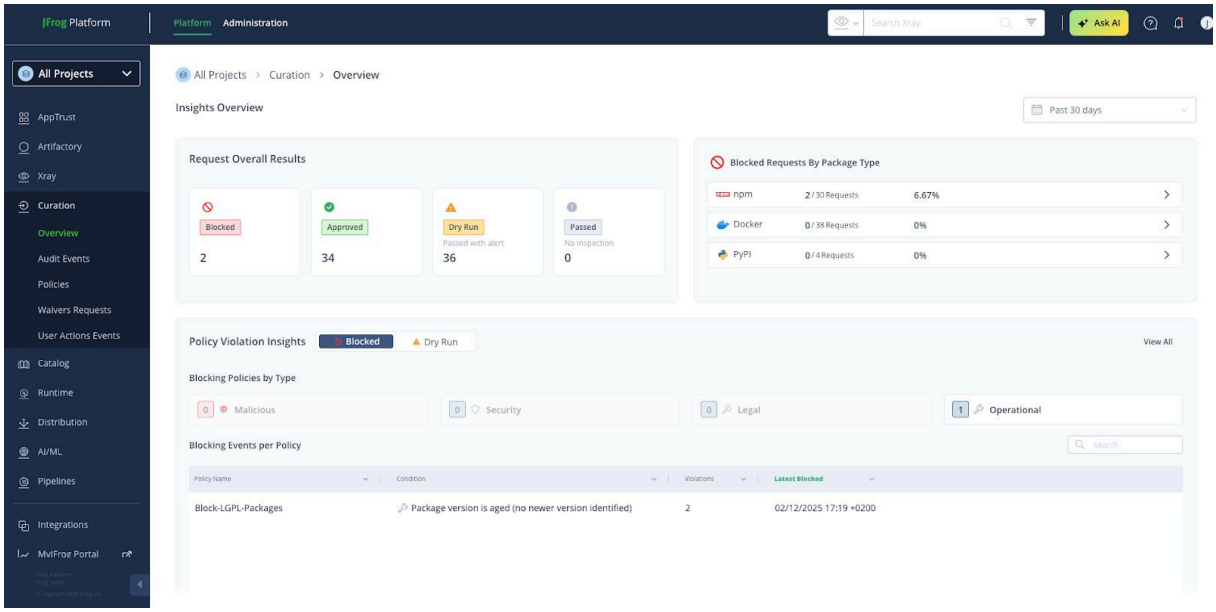

Figure 1: Insights Overview Dashboard: Gain instant visibility into all open-source package requests, including what was approved, blocked, or flagged by your policies

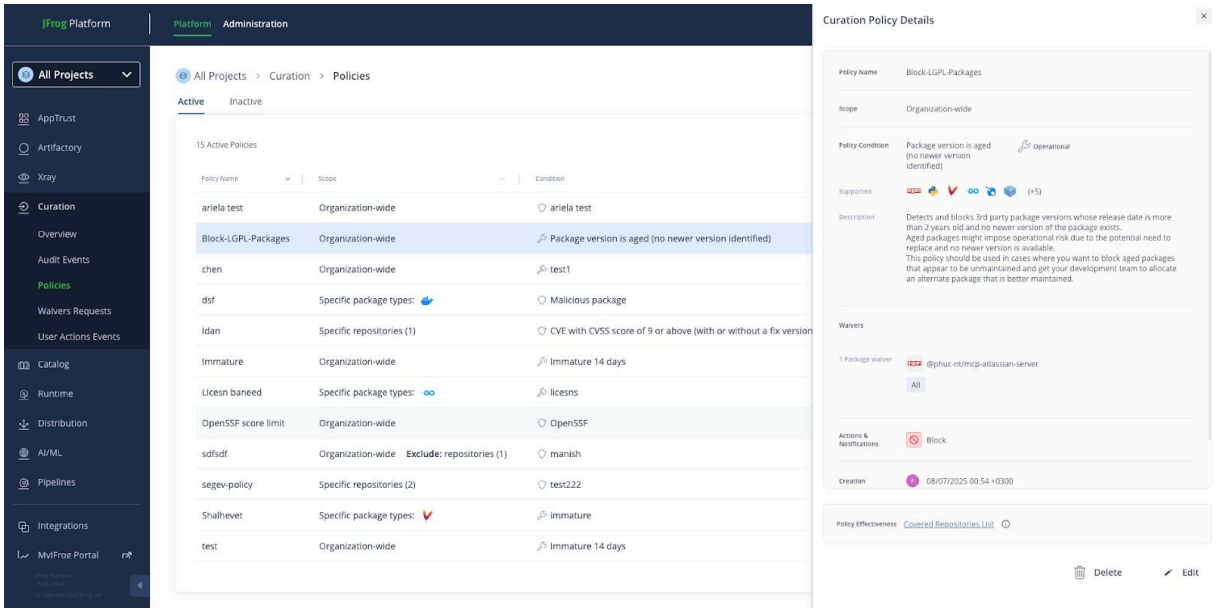

Figure 2: Set and Review Automated Policies: Block specific risks and enforce security standards across your organization.

Features and Benefits

AUTOMATED POLICY ENFORCEMENT

Create a consistent 100% enforceable security standard that automatically blocks malicious packages and license risk, freeing your team from slow, error-prone manual approvals.

BLOCK IMMATURE PACKAGES

Reduce zero-day exposure by automatically blocking newly published packages before they are publicly vetted and before attackers can exploit them.

RECOMMENDED PACKAGE ALTERNATIVES

Keep developers building by automatically serving the highest compliant version when a package is blocked. Builds keep moving without intervention or context switching.

BLOCK RISKY CACHED PACKAGES

Validates all cached packages against the latest policies, protecting the organization from new vulnerabilities found in previously safe components.

CENTRALIZED AUDIT LOG

Simplify compliance audits by instantly providing a complete log of every package request, block and approval.

JFROG CATALOG

Make every policy decision count with an intelligence layer of 15M+ packages, continuously enriched by a dedicated security research team.

> **"Our Curation deployment provides effective and efficient supply chain protection. We were able to shut down recent provider attacks in mere minutes once discovered and the control has proven 100% successful since."**

Sr. Cybersecurity Executive
Leading Financial Services Company

The Leading Platform for Software Supply Chain Governance

JFrog empowers DevSecOps organizations globally to curate, secure, manage, and deliver the building blocks of all their mission-critical applications at scale - at deployment locations anywhere in the world.

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JFrog empowers thousands of DevOps organizations globally to build, secure, distribute, and connect any software artifact to any environment using the universal, hybrid, multi-cloud JFrog Platform.

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