



Transforming Healthcare Innovation with the JFrog Platform

One of the world's top hospitals embarked on a transformative journey to modernize its software development processes by adopting JFrog's comprehensive security and development platform.



Integrated Security at
Every Stage of the
Development Lifecycle



Single System of Record
for Secure Automated
Software Releases



End-to-end
Auditability & Traceability

34,448

Artifacts

42

Security risks identified

4

Prevented Vulnerabilities



"With JFrog, we now have more security, control, and agility to better prioritize our engineering efforts – enabling us to deploy better software, faster."



Company Overview

One of the world's leading hospitals has embarked on a transformative journey to modernize its software development processes by leveraging JFrog's comprehensive security and DevSecOps platform.

As a pioneer in medical innovation, the institution manages an extensive range of clinical and research activities and is renowned for its contributions to cutting-edge healthcare solutions.

Challenges

The medical center embarked on a transformative journey to modernize its software development processes by adopting JFrog's comprehensive security and development platform in an industry where innovation can directly impact lives, maintaining agility and security in software development is critical and the hospital's development team faced several challenges with this.

Having originally relied on external vendors for development processes, the team had limited internal control. Modern software development was a new concept at the medical center, so the team did not have a standardized and controlled process around their internal development.

Enforcing security was especially difficult with an external team, because all the binaries across vendors that entered their development environment had to be scanned for vulnerabilities. With a lack of control, resources, security, and any standardization over their internal development, they knew something needed to change.

Solution

The goal for the medical center was clear—they needed to create an internal development group from scratch to stay agile and maintain control and security over their engineering efforts. And with this internal development group, they needed a solution that consolidated their point solutions into one comprehensive, end-to-end DevSecOps platform.

This new internal development team aims to revolutionize their approach to software development. By leveraging the JFrog Platform, the team is now able to have more agility, control, and the ability to mobilize engineers quickly, moving faster to deploy innovative solutions.

- ✔ **JFrog Artifactory:** Centralizes their binary management, ensuring consistent and secure storage of all artifacts across their development environments.
- ✔ **JFrog Xray:** Provides deep security insights by scanning binaries for vulnerabilities, allowing them to maintain a secure software supply chain.
- ✔ **JFrog Advanced Security:** Empowers the team to block risky code and malicious components from entering their development environment, reducing remediation time and enhancing overall security.
- ✔ **JFrog Curation:** Enables them to preemptively block harmful packages before they enter their cloud instance, providing an additional layer of security to their development processes.

This shift not only enhanced their speed to production and efficiency but also fortified their security measures. With JFrog's advanced security features like SAST and Curation, the team now maintains a secure, collaborative, and efficient development environment, propelling the center to new heights in healthcare innovation.

Results

The medical center's partnership with JFrog exemplifies how to drive significant innovation and security in the healthcare sector. By integrating JFrog's advanced security into their development environment, they have transformed its software development processes, ensuring they remain at the forefront of medical innovation.



With JFrog, we now have more security, control and agility to better prioritize our engineering efforts – enabling us to deploy better software, faster.

- ✔ **Integrated Security at Every Stage of Development:** JFrog Advanced Security features like SAST and Curation enable the team to take a proactive approach with handling vulnerabilities, significantly reducing remediation time and enhancing the overall security posture:



One of the biggest changes since investing in the JFrog Platform is an improved sense of security across the internal development team. JFrog Advanced Security features, particularly SAST, help our internal development, DevOps and security teams save time and effort by blocking risky code from entering the development environment, allowing us to continuously release fast and secure applications. Even if we're alerted to a single occurrence, we consider that a win.



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.

- ✔ **Increased Agility and Speed:** The adoption of JFrog's tools has empowered the internal team to bring development in-house, dramatically reducing dependency on external vendors. This shift has accelerated the speed of deployments, allowing for quicker iterations and innovations.
- ✔ **Single System of Record for Secure, Automated Software Releases:** The JFrog Platform's unified interface fosters seamless collaboration between development and security teams, providing a single source of truth that merges efforts into a cohesive DevSecOps strategy. This integration has strengthened teamwork and enhanced productivity, enabling the team to prioritize tasks effectively and deploy software faster.



The JFrog Platform has been an ideal solution for our internal development team. Aligned with our vision to modernize and scale software development in healthcare, JFrog provides us one single pane of glass that merges our development and security teams into a holistic DevSecOps architecture that fosters collaboration and efficiency across teams.

- ✔ **Enterprise Proven Scale and Governance:** As the development team expands, JFrog's scalable platform supports this growth by offering tools that are adaptable to increasing demands, ensuring long-term sustainability and efficiency.
- ✔ **End-to-end Auditing & Traceability:** By consolidating security efforts through the JFrog Platform, the internal development and security teams now operate with greater control and oversight, ensuring consistent security standards at all times.
- ✔ **Cloud Migration Capability:** With the company's plans to migrate everything to the cloud, JFrog's platform offers the flexibility and security needed to support the team's future infrastructure goals, positioning the hospital as a leader in digital healthcare innovation.
- ✔ **Cross-Departmental Benefits:** Beyond the development and security teams, the IT department and other internal customers have also reaped the benefits of JFrog, leading to a more connected and efficient organizational workflow.



When we bought the JFrog Platform we knew two groups that would mainly benefit from it – our internal development and security teams – but we've had additional internal customers, like our IT department, also reap benefits from JFrog as well. We continuously find ways to make the best use of the JFrog Platform so we can keep all relevant teams connected and productive."

Products

[The JFrog Platform](#), [JFrog Artifactory](#), [JFrog Xray](#), [JFrog Curation](#), [JFrog Advanced Security](#)

Partners

Azure

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ABOUT JFROG

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.



Start for free at <https://jfrog.com/start-free>

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