Financial Services
Case Study

This global leader in financial services boasts more than 20,000 employees and operates in more than 30 countries. It provides a series of financial services, including payment processing, to companies big and small, around the globe.

The company was looking for a way to simplify application deployment. According to its director of DevOps, the process of scaling to capacity was taking a significant amount of resources and time. He decided that containerizing apps would allow his team to simplify and automate the deployment process.

"Containers make it easy," said the director of DevOps. "We can run multiple instances in their own containerized pods." To orchestrate the effort, the team integrated Kubernetes – in a minimal environment first, building up to an enterprise version – gradually moving to its current 100% Kubernetes environment, building new projects on Kubernetes from the start and migrating legacy systems over time.

Addressing security in a Kubernetes environment
As the company adopted containers and Kubernetes globally, additional security requirements surfaced. "We're a DevOps team, not traditional security people, but we serve customers and end users in the PCI [Payment Card Industry] realm, so we put ourselves under a lot of scrutiny," continued the director. "While there are plenty of existing security tools for VMs, those couldn't address the requirements for cloud-native development." The team went looking for a native Kubernetes security solution – and found StackRox.

FORTUNE 500

This Fortune 500 financial services company provides payment processing and other financial services to companies, financial institutions, and government agencies around the world.

Environment: Kubernetes on prem for production, Amazon EKS for development environments

"StackRox is helping us improve the security of our infrastructure-as-code initiatives, with insights into risks within all our clusters."

– director of DevOps, Fortune 500 financial services company

StackRox guides DevOps teams to improve security by enabling them with insights about vulnerabilities and misconfigurations across build, deploy, and runtime. The data from StackRox gives this large financial services company a clear picture of where to focus its security efforts first to have the most effective impact.

The company was surprised by how much StackRox could reveal about the images its developers were creating, including outdated libraries and other vulnerabilities, and embraced StackRox's ability to automatically open a Jira task and assign it to the right team.

StackRox is delivering value by helping the company improve the security of its infrastructure-as-code and getting insights into the overall security of its clusters. As the deployment progresses, the company plans to adopt StackRox's compliance checks to simplify audits.

Leveraging StackRox Capabilities

- **Vulnerability management** – StackRox scans and assesses vulnerabilities across images, containers, and running deployments and apps in development.

- **Configuration management** – StackRox identifies misconfigurations across images, containers, and clusters, preventing accidental exposures, and helping improve the company's infrastructure-as-code initiative.

- **Runtime security** – StackRox alerts on suspicious processes at runtime, and the company intends to expand the use of StackRox's built-in runtime policies to automatically stop malicious activity.

StackRox

StackRox helps enterprises secure their containers and Kubernetes environments at scale. The StackRox Kubernetes Security Platform enables security and DevOps teams to enforce their compliance and security policies across the entire container life cycle, from build to deploy to runtime. StackRox integrates with existing DevOps and security tools, enabling teams to quickly operationalize container and Kubernetes security. StackRox customers span cloud-native start-ups Global 2000 enterprises, and government agencies.

LET'S GET STARTED

Request a demo today!
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