Brex
Case Study

Brex builds B2B financial products that cater to startups of all sizes – from recently incorporated to later-stage companies – including access to a quickly-approved, high-limit corporate credit card. Brex's straightforward approach to finance management allows customers to centralize procurement and automate expense management and receipt tracking. In a few short years, Brex has amassed more than 3,000 users and built a valuation of more than $1 billion.

Brex aims to be the best financial partner for growing, ambitious companies, with a mission to help customers save time, control spend, and – most importantly – focus on scaling their businesses.

Managing crucial financial services for its customers puts privacy and security at the center of Brex's core strategy, fostering a development environment that focuses on constantly improving privacy practices.

Continuing growth calls for increased DevOps efficiencies
In the summer of 2020, Brex saw its greatest levels of customer monthly spend, despite a near-total drop in its customers' travel and expenses, due to COVID-19 restrictions. To keep up with this phenomenal growth, Brex began to search for products that could help streamline and speed up security efforts.

The company runs its applications in Amazon EKS, and its DevOps team realized that it needed security tooling that leveraged the power, scale, and automation of that Kubernetes infrastructure. The Brex team evaluated a number of container security solutions and immediately saw value in the Kubernetes-native approach to security provided by StackRox.

Kubernetes context and control with StackRox
"With StackRox, we get controls embedded directly in our infrastructure, and having the rich StackRox policy engine, with so many controls and best

Brex

Brex is a FinTech pioneer that offers financial services to early-stage and established companies, primarily in the form of corporate credit cards and rewards programs specifically designed for startups.

Headquarters:
San Francisco

Founded: 2017

Environment: Amazon EKS

www.brex.com

> StackRox helps us put it all [security and compliance policies] in code, so we all work off one source of truth."

– Sam Stewart, infrastructure security engineering lead

practices available as out-of-the-box policies, we were able to get immediate value in our deployment and save a ton of time in implementation," says Sam Stewart, infrastructure security engineering lead for Brex.

While Brex had a process in place that would alert the team in case of a container vulnerability, StackRox was able to deliver increased insight and analysis plus search capabilities for fast enumeration, filtering, and discovery of vulnerabilities across the entire environment, allowing Brex to find and address vulnerabilities more quickly.

"The risk profiling is also really helpful, going beyond vulnerabilities to highlight additional factors that could increase risk in our deployments, in terms of elevated privilege, unnecessary network access, or external exposure," notes Stewart.

Stewart also sees value in the compliance reporting StackRox offers. "The visibility StackRox delivers saves our team a tremendous amount of time. We get at-a-glance views of our network policies, compliance status, misconfigurations, and overall risk. If there is a problem that needs an immediate fix, StackRox will flag it and automatically get the info to the right people on our development or operations teams."

Increasing the efficiency and efficacy of its security practices has been the big win for Brex. "StackRox helps us put it all in code, so we all work off one source of truth," says Stewart.

Leveraging StackRox capabilities:

- **Visibility** – Brex leverages StackRox to provide image scanning and identify vulnerabilities in Kubernetes

- **Vulnerability management** – StackRox provides image scanning and identifies vulnerabilities in Brex's containers as well as Kubernetes, routing issues to the right team to remediate

- **Runtime threat detection and response** – StackRox delivers timely alerts, automates incident response, and enables Brex to address security concerns

- **Compliance** – StackRox provides automated and on-demand validation checks to ensure regulatory mandates are met and customer data is protected

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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