

Enhancing Code Security at an EU-Based Bulge Bracket Bank



INDUSTRY

Financial Services

HEADQUARTERS

Europe

COMPANY SIZE

10,000+ employees

OVERVIEW

One of the world's largest financial services provider in over 50 countries offering clients expertise in the areas of private banking, investment banking and asset management via centralized corporate services, business support, and operational control procedures.

OUR SOLUTION



CHALLENGE

A large EU-based investment bank and financial services firm faced several challenges managing its vast codebase. They needed to eliminate secrets in the code, gain visibility into potential security risks in previously siloed development departments, help developers remediate security issues, ensure secrets won't enter the git history and enforce organizational policies across the entire codebase. Due to the size of the codebase, the bank's previous code security solution created significant overhead. To simplify security management, the firm decided to look for a purpose-built, security-first platform that would continuously monitor the codebase.

SOLUTION

The firm opted for Check Point CloudGuard Code Security, which offers developer-friendly security tools optimized for security operations professionals. Fully embedded into development workflows, the solution detects hard-coded secrets in any programming language, compliance violations in artifacts, vulnerable dependencies and risky configurations in Infrastructure as Code (IaC) before artifacts are committed to the git repository or production environments. To ensure the git repos are free of any code-borne risks, CloudGuard Code Security integrates with Bitbucket and GitLab pipelines via pre-receive hooks to automatically block code submissions based on the security policies set by the team.

After an easy installation, the bank's security team began monitoring the entire code base with lightning-fast scanning capabilities – all without exposing code, as CloudGuard can scan code before it's uploaded to the cloud. This provides security experts with organization-wide visibility of old and new code across all branches,

git history and developers machines. The early detection of security risks in code allows the organization to reduce time spent remediating issues in production environments and dedicate more of its time and resources to research and development.

OUTCOME

CloudGuard successfully secured the bank's development environments at the code, Infrastructure-as-Code and git levels. The tool simplified oversight and administration by providing a unified view of the codebase's security posture and enabling proactive risk mitigation. The bank also leveraged CloudGuard's automated compliance checks and policy enforcement to ensure adherence to industry standards, reduce the risk of regulatory penalties and enhance its overall security posture.

By integrating seamlessly into development workflows and CI/CD pipelines, CloudGuard helped foster a culture of security-first development. The solution also promoted efficient, reliable builds and deployments by enforcing secure coding practices, optimizing resource management and providing immediate feedback on security issues. With streamlined policy management and a secure code base, the bank's developers are better positioned than ever to collaborate effectively. And now that security is built into every step of the development lifecycle, the bank is more confident than ever in its ability to drive innovation and deliver the frictionless experiences its customers expect.

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading AI-powered, cloud-delivered cyber security platform provider protecting over 100,000 organizations worldwide. Check Point leverages the power of AI everywhere to enhance cyber security efficiency and accuracy through its Infinity Platform, with industry-leading catch rates enabling proactive threat anticipation and smarter, faster response times. The comprehensive platform includes cloud-delivered technologies consisting of Check Point Harmony to secure the workspace, Check Point CloudGuard to secure the cloud, Check Point Quantum to secure the network, and Check Point Infinity Core Services for collaborative security operations and services.

[LEARN MORE](#)

Worldwide Headquarters

5 Shlomo Kaplan Street, Tel Aviv 6789159, Israel | Tel: +972-3-753-4599

U.S. Headquarters

100 Oracle Parkway, Suite 800, Redwood City, CA 94065

www.checkpoint.com

