Exploring the Value of Bright’s DAST Solution for a Leading North American Financial Institution

INTRODUCTION

Protecting the security and privacy of customer data is of utmost importance for financial institutions since it allows them to build and maintain trust with their customers. This case study delves into how a Fortune 500 financial company in North America successfully implemented Bright Security’s Dynamic Application Security Testing (DAST) solution. By using a dev-centric DAST tool, the company was able to automate the process of detecting and remediating vulnerabilities early on in the Software Development Life Cycle (SDLC).

BACKGROUND

As a major player in the North American market, the financial company operates hundreds of critical and important customer-facing applications. Aware of the potential risks posed by vulnerabilities, the company sought out a solution that could enable early detection and remediation of such risks while also automating the entire process. By implementing a solution that can address vulnerabilities throughout the Software Development Life Cycle (SDLC), the company was looking to bolster its overall security posture and mitigate the risk of potential threats.
SOLUTION

To achieve its security goals, the financial institution decided to implement Bright Security's DAST solution. The tool automates scans, reporting, and the entire workflow of vulnerability management, providing the company with an efficient and effective approach to security. The company leveraged Bright's extensive API library for streaming and integrations. As part of the automation process, the company has deployed multiple enterprise-grade API scripts, which have further streamlined the workflow.

IMPLEMENTATION

The implementation began in February 2022 and the tool has been integrated seamlessly into multiple development CI/CD pipelines. Since then, the company has onboarded over 100 critical and important customer-facing applications onto the Bright Platform. It currently runs hundreds of automated scans per week within its development pipelines. In addition, the company has plans to onboard hundreds of additional applications in 2023-2024, prioritizing them based on their level of importance.

RESULTS

As a mandatory security practice, the company now includes DAST testing as part of its ongoing development process. With continuous DAST testing for every build cycle, the company no longer needs to wait months for third-party testing to be completed. The DAST roll-out has resulted in the company prioritizing security as a fundamental part of the development life cycle. Additionally, the company has revamped its full vulnerability management practice, ensuring that vulnerabilities are remediated before applications are rolled out to production after each build.

"Thanks to Bright Security’s DAST solution, our operations have significantly improved in terms of speed and efficiency, which has been paramount for our AppSec teams, requiring fewer personnel to handle the DAST practice and allowing them to focus on other areas of security across the organization. This has resulted in direct savings of over $400K per year by reducing our spend on external manual pen testing and application-security certification. We feel more confident in our security practices and can remain agile in an ever-evolving landscape, giving us a competitive edge in the industry."

Chief Executive Officer (CEO)

CONCLUSION

This case study showcases how Bright Security's DAST solution has provided significant benefits to a prominent financial institution. By adopting the solution, the company has been able to enhance the speed and efficiency of their development processes. With Bright Security's assistance, the company can maintain its competitiveness in the market and adapt quickly to evolving industry trends.