Case Study:

Dfns Delivers Secure Web3 Wallet Management With Mayhem

Learn how Dfns, a security-first financial services company, uses Mayhem to bolster its API security measures, meet compliance requirements, and address vulnerabilities.

Dfns Needed:

API — A specialized tool dedicated to API testing as part of a comprehensive security solution.
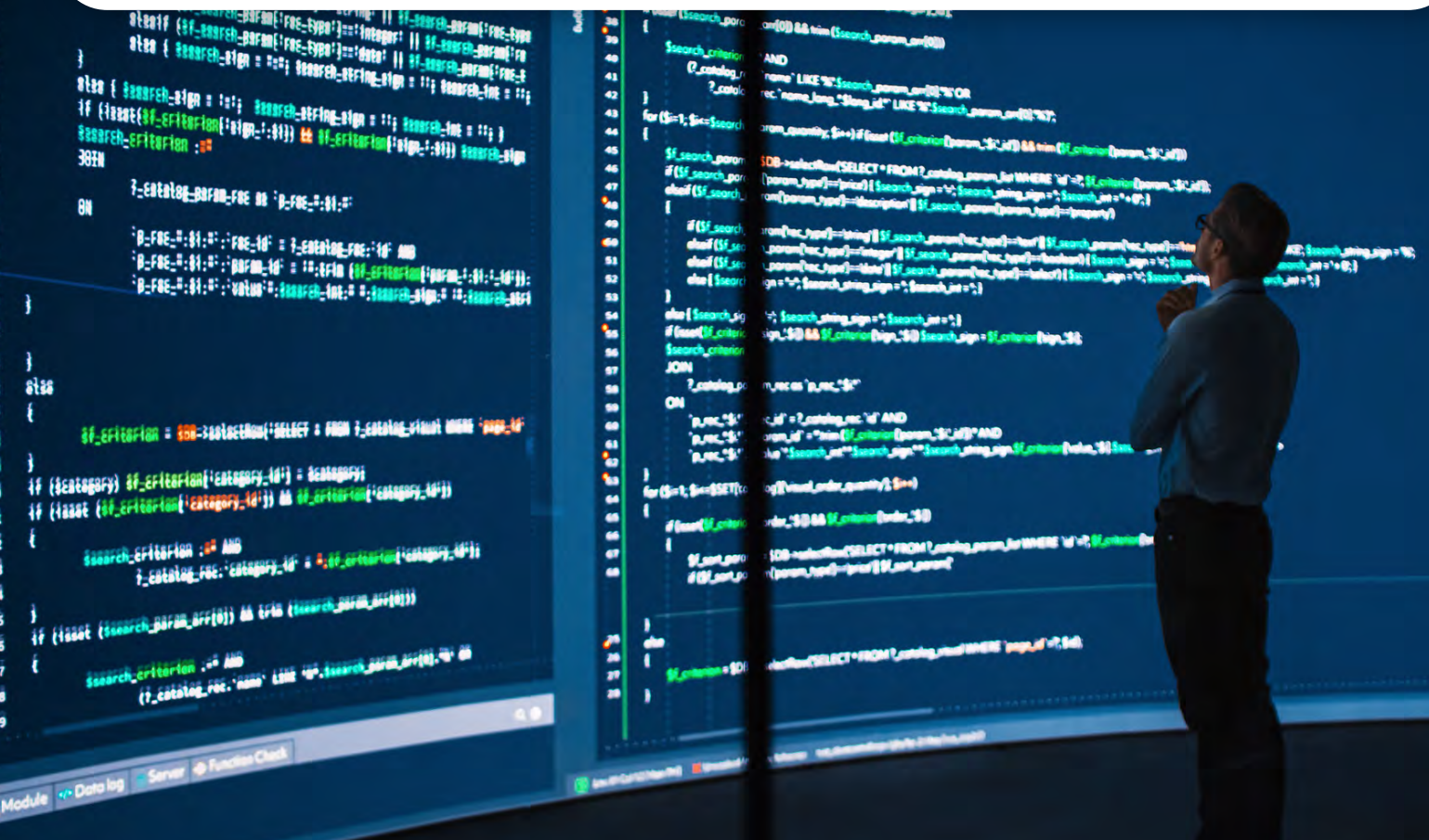
🛡 — To build robust security measures to prevent unauthorized financial access and potential vulnerabilities.

⚙ — A solution that seamlessly integrated into their system and offered a streamlined process for identifying real issues while minimizing unnecessary noise.

🕑 — To move fast and focus on real vulnerabilities.

The Problem:

Dfns develops a secure wallet-as-a-service infrastructure in web3. Their API-first wallet management system makes it easy for organizations to provide access to all blockchains with a single integration.

As a provider of financial services infrastructure, API security is very important to Dnfs. In addition to regulatory compliance, continuous testing is required to ensure Dfns' APIs are free from vulnerabilities, hardened against attacks, and reliable under stress.
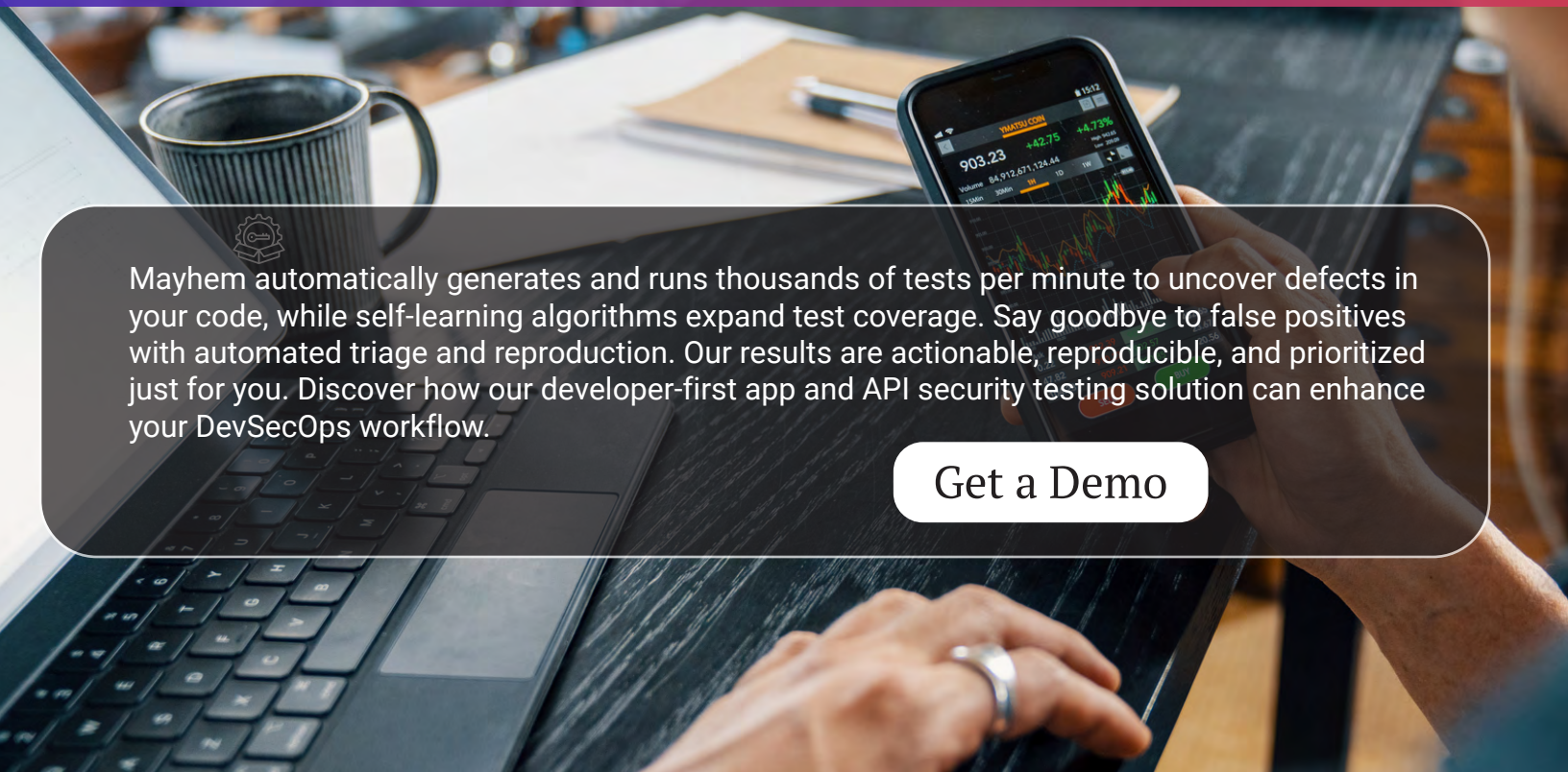
Since a secure API was so important to Dfns' platform, they decided to evaluate and purchase a dedicated solution for identifying API risk. Of particular importance was finding a solution that would minimize unnecessary noise and seamlessly integrate with their delivery pipelines, making API security easy to deliver at rapid speed.

The Solution:

Mayhem's quick setup and noise-free results impressed the Dfns team when evaluating solutions. Thanks to Mayhem's intelligent testing, the Dfns team is now confident that critical vulnerabilities are identified for rapid remediation.

Dfns has integrated Mayhem with their OpenAPI spec. This combined with conducting regular scanning helps streamline Dfns' compliance reporting and allows the team to prove SOC2 compliance with less manual work.

Mayhem's built-in analysis and triage ensure that only real results are delivered, reducing the time developers spend on triaging issues. With Mayhem, Dfns remediates faster and spends more time delivering features to their user base.

Mayhem automatically generates and runs thousands of tests per minute to uncover defects in your code, while self-learning algorithms expand test coverage. Say goodbye to false positives with automated triage and reproduction. Our results are actionable, reproducible, and prioritized just for you. Discover how our developer-first app and API security testing solution can enhance your DevSecOps workflow.

Get a Demo