SharkStriker

CASE STUDY

Industry: Government

Assisted a US government healthcare institution by addressing all the security vulnerabilities with our pen-testing services

Background

Our client was a governing body in the United States that was established in 1983 when a California law excluded low income groups. It renders guidelines for governing healthcare with over eleven members in the governing body from different counties of the United States. Apart from this, they also provided health coverage for uninsured low-income, indigent adults that are not covered by other public health care programs. They have become the leading governing on the matters of health insurance with more than a million of citizens having benefited from their initiatives.

Objectives

- Safeguarding the data of millions of citizens who have registered on their portal
- Implementing security measures that comprise of some of the best practices in security
- Meeting all the international data protection regulations
- Preparing for data breaches

Chanllenges

- The client had complex web applications with APIs vulnerable to cyberattacks demanding web and API testing
- As they belonged to the healthcare industry, they were liable to achieve compliance goals that included getting their apps tested for vulnerabilities
- They wanted an expert-driven, human-led pen-testing service that went beyond regular pen-testing, covering business logic
- They were seeking a company that offered scenario driven testing instead of tool based testing
- There was a high amount of information that was being processed vs information that was secured

Solutions

They found the team that they were searching for to effectively fulfill their cybersecurity and compliance objectives. Based on a thorough assessment of the client's scope and the challenges that they faced, we offered them a completely tailored pen-testing service that went beyond regular pen testing service. We offered them human led pen testing that covered real world scenarios opposed to tool based testing. The following are the ways we helped them combat their challenges:

- We engaged in a top to bottom assessment of their web application's security posture using offensive real world techniques through human led pen tests that covered business logic
- We identified and categorized all the vulnerabilities that were found in the web application pen testing
- Once identified, we recommended a set of remediation guidelines based on the vulnerabilities identified

Outcome

Our fully tailored pen testing services helped our client in achieving the following outcomes for their business:

- Through SharkStriker's expert driven web pen testing, they were able to identify the underlying vulnerabilities of their web application.
- They were able to put their web application to optimal functioning safe from cyber threats.
- They were able to meet all the Governance Risk and Compliance goals through our web pentesting.

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