

Case Study

This customer reached out to us when he was required to share a VAPT (Vulnerability Assessment and Penetration Testing) report of its application to one of his clients, which was one of the largest MNCs in the world. The client reported a few security issues in the application and wanted to have a VAPT performed on the product.

Security Lit was assigned with the task with a very short deadline and on a tight budget.

AT A GLANCE

Challenges

- The product had been tested previously by another company.
- Security Lit performed a comprehensive VAPT on the product.
- Many vulnerabilities were discovered which had severity levels ranging from Low to High.
- A tech report had to be submitted to get a SOC 2 clearance.

Introduction:

This customer provides a smart and integrated B2B platform to its customers and other services which include marketing automation, CRM, and customer loyalty. Its client had asked for a SOC 2 clearance. After comprehensive testing and evaluation of the core functionalities of the application, Security Lit found that the application was vulnerable to multiple threats. Out of the multiple vulnerabilities discovered, a High severity bug stood out. Penetration testers at Security Lit found that an attacker could execute commands on the client's server directly from the user environment.

The attacker could then,

- Read, add, modify and even delete sensitive files.
- Change the configuration settings to make the services inaccessible
- Host malicious files on the server and thus infect other users.
- Could also disrupt the other services provided by the company.
- Overall, this could affect the integrity and availability of the services provided by the company.

Results:

After rigorous and comprehensive security testing of the customer's product, the following results were accomplished.

- Improved security posture by performing Vulnerability Assessment and Penetration testing.
- The customer received a comprehensible risk assessment report with recommendations on how they can be averted in the future.
- The issues were reported with recommendations.
- Critical Vulnerabilities with major impacts were analyzed and discovered.
- The customer received pragmatic and rational advice from Security Lit.

Benefits

- Strengthened Security Posture of the product by performing penetration testing.
- Expert advisory - comprehensible reports, Business risks explained in clear terms to C-suite Executives.
- Delivery of comprehensive Penetration Testing using multiple approaches.