

A NETHERLANDS-BASED E-COMMERCE PLATFORM STAYS AHEAD OF CYBER THREATS WITH CONSISTENT SYSTEM'S ASSISTANCE

Web Application VAPT | Case Study

ABOUT THE CLIENT

The client, an all-encompassing online store management system, integrates cash register, inventory management, CRM, and repair services alongside website management tools. Recognizing the critical importance of securing digital assets, they prioritize it & thus ensure a seamless and superior customer experience

BUSINESS REQUIREMENT

The Client required us to carry out a detailed Vulnerability Assessment and Penetration testing of their Web Application to examine its security posture within the stipulated timeframe.

AUTOMATED TESTING UTILITIES

- ✓ BurpSuite Pro
- ✓ Metasploit
- ✓ Nessus
- ✓ Wireshark
- ✓ Nmap



50% Faster Results



40% Lesser Costs

Full coverage on OWASP Top 10, NIST & SANS 25



PROCEDURE FOLLOWED

- Devised an effective Dynamic Application Security Testing strategy for the client's application and conducted a thorough VAPT.
- Through a rigorous penetration-testing simulating real-world attacks, we assessed the potential business impacts of the identified security gaps and recommended effective remediation.



OBSERVATIONS

- The application faced risks like Broken Access Control, Security Misconfiguration, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), and more.
- Vulnerabilities that could lead to data breaches, and hence colossal financial losses, reputational damage & legal consequences were identified.
- Inadequate data encryption was identified, leaving room for unencrypted data transmission between the browser and server.

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