

# A NORTH AMERICA-BASED FAMILY RESORTS CHAIN SECURES THEIR DIGITAL ASSETS WITH CONSISTENT SYSTEM

Web Application VAPT | Case Study



## ABOUT THE CLIENT

The Client is a chain of indoor water park resorts in North America offering a fully integrated experience, with an enormous water park facility spanned over 95,000 sq. ft. with fun-filled entertainment, delectable eateries and more. Given that the indoor water park industry is expanding at a breakneck speed in recent years, the client understands how crucial a robust IT security is, in delivering a seamless customer experience.

## BUSINESS REQUIREMENT

The client was facing issues in identifying missing security controls and thus wanted to perform a comprehensive vulnerability assessment and penetration testing exercise.

## AUTOMATED TESTING UTILITIES

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



**50% Faster Results**



**40% Cost Reduction**

**Full coverage on OWASP Top 10, NIST & SANS 25**



## PROCEDURE FOLLOWED

- Performed a comprehensive Dynamic Application Security Testing for the client application to conduct an end-to-end VAPT and categorised all the security gaps based on their severity and potential business impact, for a holistic understanding of the client.
- Recommended an effective remediation plan to enhance security posture of the application.



## OBSERVATIONS

- Deficiencies in access controls, vulnerabilities in authentication mechanisms, and security misconfigurations within the application. These issues pose a significant risk of exposing critical and high-impact aspects of the application.
- Susceptibility to security threats like SQL injection attacks and Cross-Site Scripting (XSS).
- Dependence on several unsecured API integrations exposing the system to external threats.

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