



TWINTECH
SOLUTIONS

Your Trusted Cyber Partner

E-Commerce Industry Web Application-CASE STUDY





E-Commerce Industry Web Application



Business Situation

A Fortune 500 client's customer requested a security assessment and Penetration Testing (report & certificate) for their web application. Our team will conduct a thorough review to identify and remediate vulnerabilities. We'll provide detailed guidance to the development team for issue resolution.

Web Application Penetration Testing



E-Commerce Industry Web Application



CHALLENGE



1. This is the initial penetration test for the client's production application.

Web Application Penetration Testing



3. We'll identify and report security vulnerabilities, along with recommendations for remediation.

2. TwinTech Solutions will employ a white-box approach using non-intrusive techniques to minimize disruption to functionality



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TwinTech had a Kick-Off meeting with firm's CEO and IT Manager to define PenTesting scope



Completed an application walkthrough to gain a comprehensive understanding of the application's workflow and underlying technologies

Web Application Penetration Testing





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Leverage white-box testing with minimal disruption techniques to identify and fix vulnerabilities in the production environment.



Conduct phased penetration testing and develop a prioritized remediation roadmap for efficient vulnerability resolution.



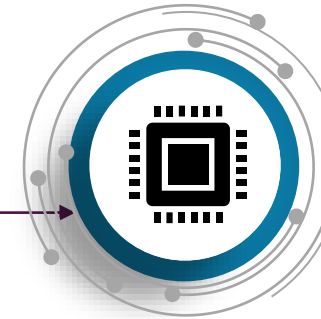
Combine automated vulnerability scanning with manual verification for a comprehensive assessment and remediation plan



Deliver a comprehensive penetration test report with clear findings and offer ongoing support to developers throughout the remediation process



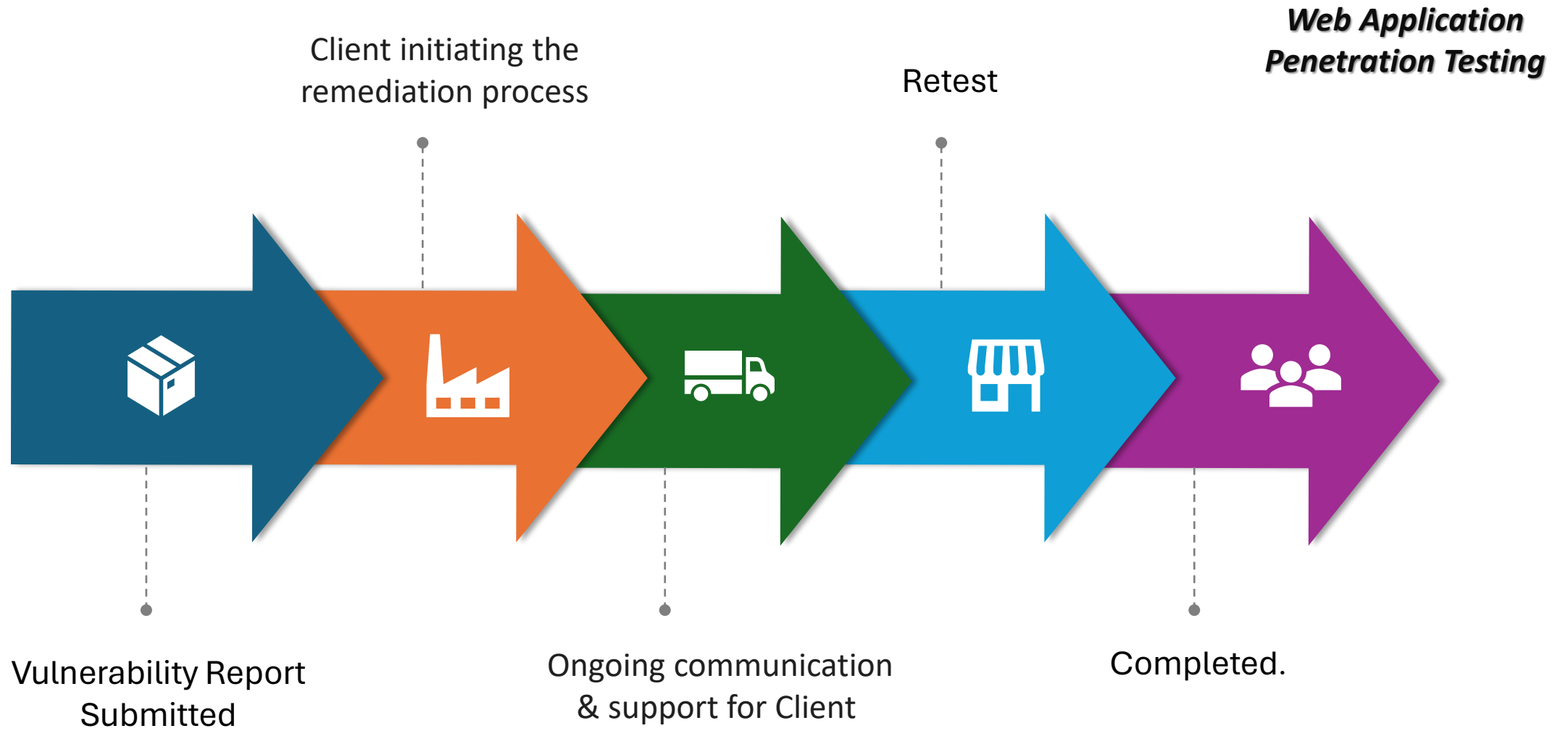
Perform a security posture assessment and leverage threat intelligence to identify & address critical vulnerabilities.



***Web Application
Penetration Testing***



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About Client & Client Team

- E Commerce Industry based out of USA.
- Head of IT Department

Client Needs

- Identify website vulnerabilities to protect data & prevent breaches.
- Verify adherence to data privacy regulations, mitigating legal risks and potential fines.
- Cybersecurity enhancement

Key Strategies Implemented

- Comprehensive Testing Approach
- Identify weaknesses in systems & applications to prioritize remediation.
- Simulate attacker methods to uncover exploitable security gaps.



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Web Application Penetration Testing



BENEFITS



Demonstrated a commitment to web application security helped client to build trust with your customer base.



Achieve compliance with industry regulations and provide a security certificate for peace of mind



Guide developers with detailed reports, leading to a more secure development lifecycle