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SOLUTIONS

Your Trusted Cyber Partner

Blockchain Penetration Testing Secures Supply Chain Management Platform CASE STUDY





Supply Chain Management Platform



Business Situation

A leading logistics company utilizing a permissioned blockchain platform to manage their global supply chain. The platform tracks goods movement, facilitates secure data exchange, and enhances transparency for all stakeholders. This is crucial for identifying and remediating vulnerabilities. The development team needs support to fix these issues. Maintaining robust Smart Contract security is vital for both user trust and compliance.

Blockchain Security



Supply Chain Management Platform



CHALLENGE



Client's custom smart contracts
needed security assessment for
vulnerabilities

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Potential security risks in permissioned
blockchain platform



Comprehensive assessment
required for blockchain
infrastructure.



Supply Chain Management Platform

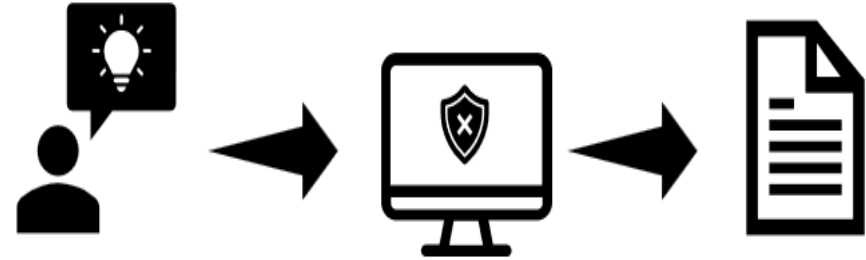


TwinTech had a Kick-Off meeting with firm's CEO and IT Manager to define PenTesting scope



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

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Implemented penetration testing to identify and exploit vulnerabilities within smart contracts.



Conducted a thorough analysis of the permissioned blockchain platform's security posture.



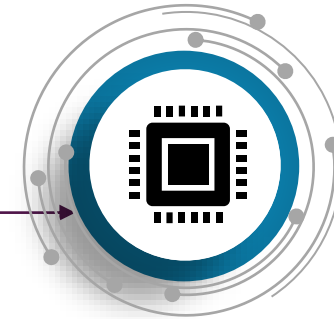
Developed and deployed robust security measures to safeguard the blockchain infrastructure.



Provided ongoing security assessments to maintain a strong defense against evolving threats.



Recommended remediation strategies to address discovered vulnerabilities in smart contracts.



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About Client & Client Team

- leading logistics Company Based out of INDIA.
- Head of IT Security

Client Needs

- Mitigate supply chain risks
- Assess blockchain security
- Secure smart contracts

Key Strategies Implemented

- Comprehensive Testing Approach
- Thorough Vulnerability Identification
- Holistic Security Enhancement
- Business Confidence and International Recognition



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BENEFITS



Proactive Identification of Blockchain Vulnerabilities: Early detection and mitigation of vulnerabilities before attackers exploit them.



Improved Smart Contract Security: Strengthened security posture of smart contracts, the core building blocks of the blockchain platform.



Enhanced Blockchain Network Resilience: Increased resistance against DoS attacks and other malicious attempts to disrupt operations.



Increased Trust and Transparency: Builds trust with supply chain partners by demonstrating a commitment to blockchain security