Confidential Internal Memo Project: Horizon Phoenix

Date:

From: Jonathan Miller - Senior Security Analyst

To: Operations & Development Teams

Subject: Security Vulnerability Report — URGENT

Following the penetration test completed on , the

following high-risk issues were identified in our production systems:

- 1. Customer Data Leak Risk:
- Database server db-prod-03 contains an unsecured table with names, addresses, and credit card numbers for ~24,500 customers.
- Vulnerability located in PaymentGatewayController.php line 221, related to unescaped SQL queries.
- Impacted accounts include high-profile clients:

- (CEO, J-Tech Solutions)

- (CFO, BrightView Capital)
- (Minister of Infrastructure)
- 2. Hardcoded Credentials:
- API key for Stripe payments: sk\_live\_51HvX34fL2mN7zQb6T...
- Root admin password for staging server: Adm1n#2025! shared among three developers.
- 3. Network Exposure:
- Firewall misconfiguration on vpn-hq-secure allowing inbound SSH from any IP.
- Last successful suspicious login:

from IP

185.23.91.42 (Ukraine).

Required Actions:

- Immediately rotate all credentials listed above.
- Patch SQL injection vulnerability by end of day
- Restrict VPN to internal IP ranges only.

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