



# VAPT & SECURITY HARDENING FOR A DIGITAL HEALTH PLATFORM

Google

4.0 ★★★★★☆

Clutch

4.9 ★★★★★☆

glassdoor

4.5 ★★★★★☆

Countries we operate from



# PROBLEM STATEMENT



Handling sensitive health data, the client faced rising legal risks post-breach and aimed to strengthen security proactively.

OWASP vulnerabilities exposed in both staging and production APIs

No VAPT integration into the secure development lifecycle (SDLC)

Misconfigured IAM roles resulted in publicly accessible cloud storage

Weak encryption standards for data at rest and in transit



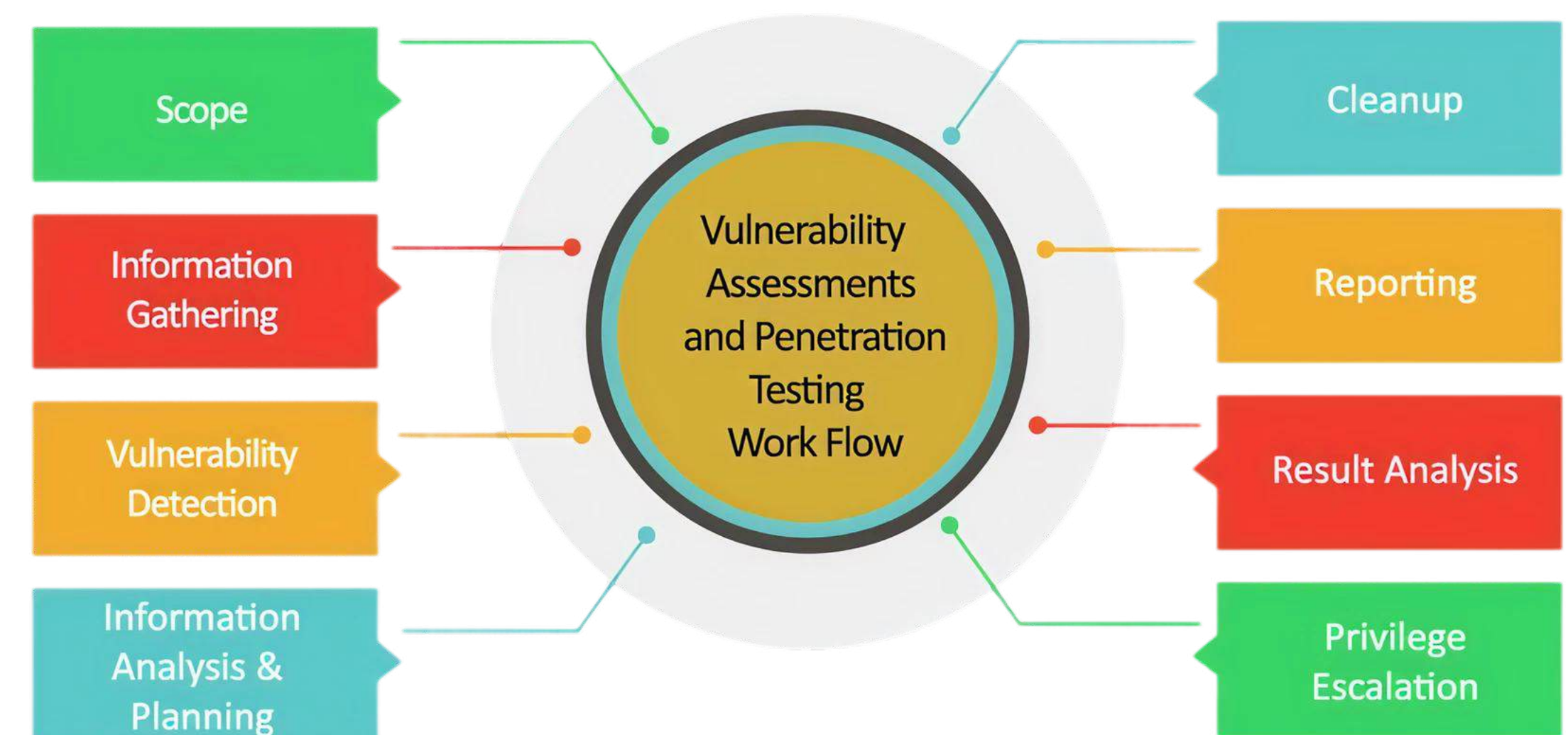


INT. executed a **comprehensive VAPT program to uncover critical risks, guide remediation, and embed security into the development lifecycle.**

- ✓ **End-to-End VAPT:** Simulated attacks via black-box and white-box testing.
- ✓ **Surface Mapping:** Evaluated risks in APIs, containers, cloud storage, and SDKs.
- ✓ **Retesting & Closure:** Confirmed fixes and supplied compliance documentation.
- ✓ **CI Integration:** Integrated security scanning into the client's CI pipeline.

## Goals & Objectives

## Attack & Penetration



A focused VAPT process  
with deep testing,  
prioritized fixes, and  
audit-ready reporting.

01

**Discovery:**

Identified exposed endpoints,  
misconfigurations, and prior  
incident gaps

02

**Assessment:**

Conducted black-box and  
white-box penetration tests  
across environments

03

**Threat Mapping:**

Mapped application, API,  
container, and SDK risks

04

**Prioritization:**

Used CVSS scoring to rank  
vulnerabilities by criticality

05

**Remediation Planning:**

Delivered fix guidelines and  
validated patching

06

**Closure Reporting:**

Issued audit-ready VAPT  
reports for regulators and  
partners



94%

**of critical and high-risk vulnerabilities resolved** within 3 weeks of engagement

97%

**audit success rate in compliance checks** following remediation

3

major hospital partnerships unlocked, enabled by **improved security posture**

83%

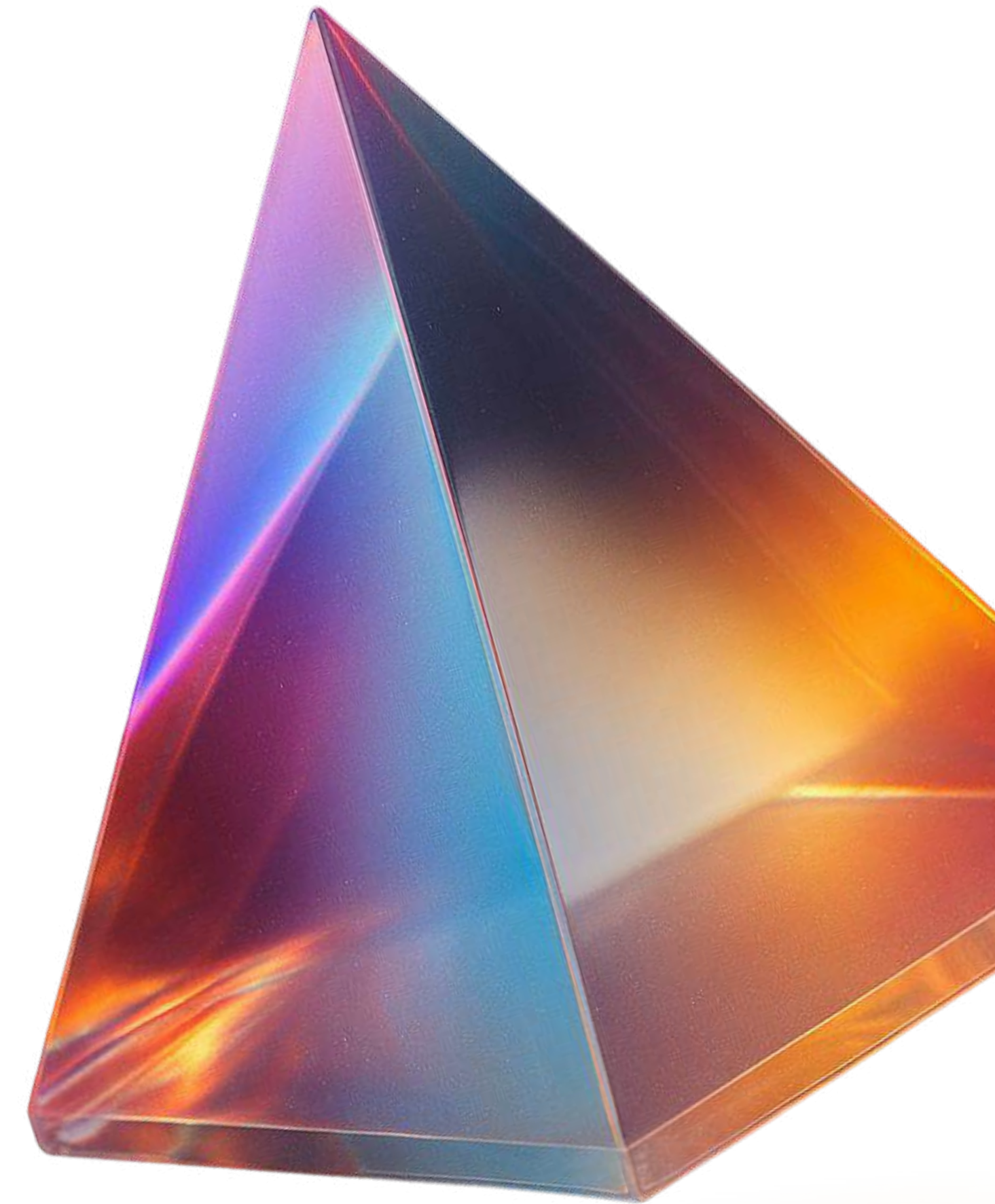
**reduction in public cloud exposure,** through IAM reconfiguration and access audits

5+ CVSS

**9+ vulnerabilities neutralized,** including broken access control and insecure deserialization

1

CI-integrated security scanner deployed, enabling **continuous code-level threat detection**







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