

# Cybersecurity

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In an era where threats evolve daily, KHT provides proactive, intelligence-driven cybersecurity. We combine offensive security (VAPT) with defensive hardening to protect your assets, reputation, and compliance posture.

## Why KHT Technologies

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- Offensive Security Certified Professionals (OSCP) on staff
- Average 48-hour vulnerability remediation turnaround
- Proprietary Imperial CyberX threat intelligence feed
- Full compliance mapping (ISO 27001, IT Act, GDPR)

## Featured Case Study

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### Retail Chain Ransomware Prevention

A 14-branch retailer engaged us after a competitor suffered a breach. Our Red Team simulated a full kill-chain attack, uncovering 23 critical vulnerabilities. Post-remediation, the client passed a third-party audit with zero findings.

**100% Prevention Success**

# Cybersecurity — Process & Engagement

## Our Proven Process

- Discovery & Threat Modeling — Map assets, identify attack surface.
- Vulnerability Assessment — Automated scans + manual testing.
- Penetration Testing — Simulated attacks to validate risks.
- Remediation Guidance — Prioritized fixes with proof of concept.
- Continuous Monitoring — Ongoing threat detection (optional).

## Engagement Models

- ▷ One-time VAPT Audit with detailed report
- ▷ Quarterly Retainer for continuous monitoring
- ▷ Virtual CISO advisory services
- ▷ Incident Response Retainer (24/7 on-call)

# Cybersecurity — Technical Specifications

## Technology Stack

Kali Linux, Burp Suite Professional, Wireshark, Metasploit Pro, Nessus, AWS Security Hub, Splunk Enterprise Security, Custom Python automation for log analysis.

## Security & Compliance

- ✓ ISO 27001 aligned practices
- ✓ GDPR / Indian IT Act 2000 ready
- ✓ OWASP Top 10 mitigation
- ✓ AES-256 encryption at rest & in transit
- ✓ Regular third-party penetration tests

## About KHT Technologies

KHT Technologies Ltd is a registered LLP headquartered in RT Nagar, Bengaluru. Founded by cybersecurity and full-stack engineering experts, we bridge enterprise-grade technology with regional business needs.