SharkStriker

CASE STUDY

AI-powered service provider finds perfect VAPT partner in SharkStriker

SharkStriker assists AI-powered services provider gain round the clock security

The Customer in question is UK-based Klevu AI — a leader in offering Artificial Intelligence-powered discovery suits and services. Founded in 2013, They serve over 3,000 retailers worldwide including the likes of German sportswear giant Puma, luxury beauty brand color pop, Yamaha, ToysRUs, Sunspel, Apotek, etc. Their Smart Search is a flexible and powerful eCommerce search solution that provides real-time search results based on customer intent and activity. It blends machine learning and natural language processing to provide shoppers with the most relevant results. They have helped thousands of businesses worldwide in increasing search-generated revenue.

Challenges

Security risk assessment is often a tricky business. Klevu required risk assessment to identify existing security flaws and a service provider that could recommend various mitigation solutions for the detected vulnerabilities and explicitly communicate any vulnerabilities that were not mitigated.

Klevu needed VAPT solutions for their critical infrastructure. Vulnerability Assessment and Penetration Testing (VAPT) are required to meet security compliances. Klevu needed penetration testing not just to satisfy compliance requirements, but also to have an industry specialist protect their critical infrastructure from threats and cyberattacks. They needed experienced counsel from someone who could lead their team through the process of pen testing and resolving problems. Instead of relying on a tool-driven service provider, they wanted to be advised by industry professionals.

The client wanted:

- VAPT for meeting the compliances
- Pen testing for their critical infrastructure
- Expert guidance on dealing with vulnerability
- Permanent solutions for the security threats
- A real industry expert instead of just a tool-driven service provider

Solution

They have been SharkStriker customers for multiple years. SharkStriker ran a Comprehensive manual, automated, and proprietary scripts Pen Test on the customer's critical infrastructure to identify its susceptibility to threats and the impact of such attacks on the customer's prospective clients. SharkStriker gave them a 360-degree perspective of the vulnerabilities in the web application as well as the various components that make up the app including Backend networks, databases, source code, and so on. The VAPT services involve not just detecting these flaws, but also assessing their severity and prioritizing threat mitigation.

SharkStriker created a comprehensive risk assessment report that documented the vulnerabilities and assisted the customer in implementing remedies to fix the vulnerabilities and protect the system from future assaults.

SharkStriker ran another round of vulnerability assessment and penetration testing after the customer resolved the vulnerabilities on their end to check that previously detected vulnerabilities were fixed and no new vulnerabilities had slipped in.

SharkStriker's testing methodology

- OWASP Testing Guide
- NIST SP 800-115 Technical Guide to Information Security Testing and Assessment
- PCI DSS Information Supplement: Penetration Testing Guidance
- FedRAMP Penetration Test Guidance
- ISACA's How to Audit GDPR

Why SharkStriker

Why choose us? The answer is simple. Our consultants have a deep understanding of the cybersecurity industry and have years of hands-on experience with industry technology. Our VAPT services will enable you to do your job more effectively. We're cybersecurity experts, not just tool-based service providers. We analyze and test your organization's cyber risk profile and together we develop a security strategy that addresses your specific vulnerabilities. Our VAPT solutions have been built upon our experience in the cybersecurity industry and a deep understanding of how attackers work.

If you're looking for a cybersecurity services provider, then it's important to choose one that has a wide range of services and expertise, not just one that focuses on tools. While the advantages of VAPT services are appealing, our ORCA approach is what sets us apart. All of our services are supplied through the ORCA approach, which stands for Observe, Response, Compliance, and Awareness.

Key Result

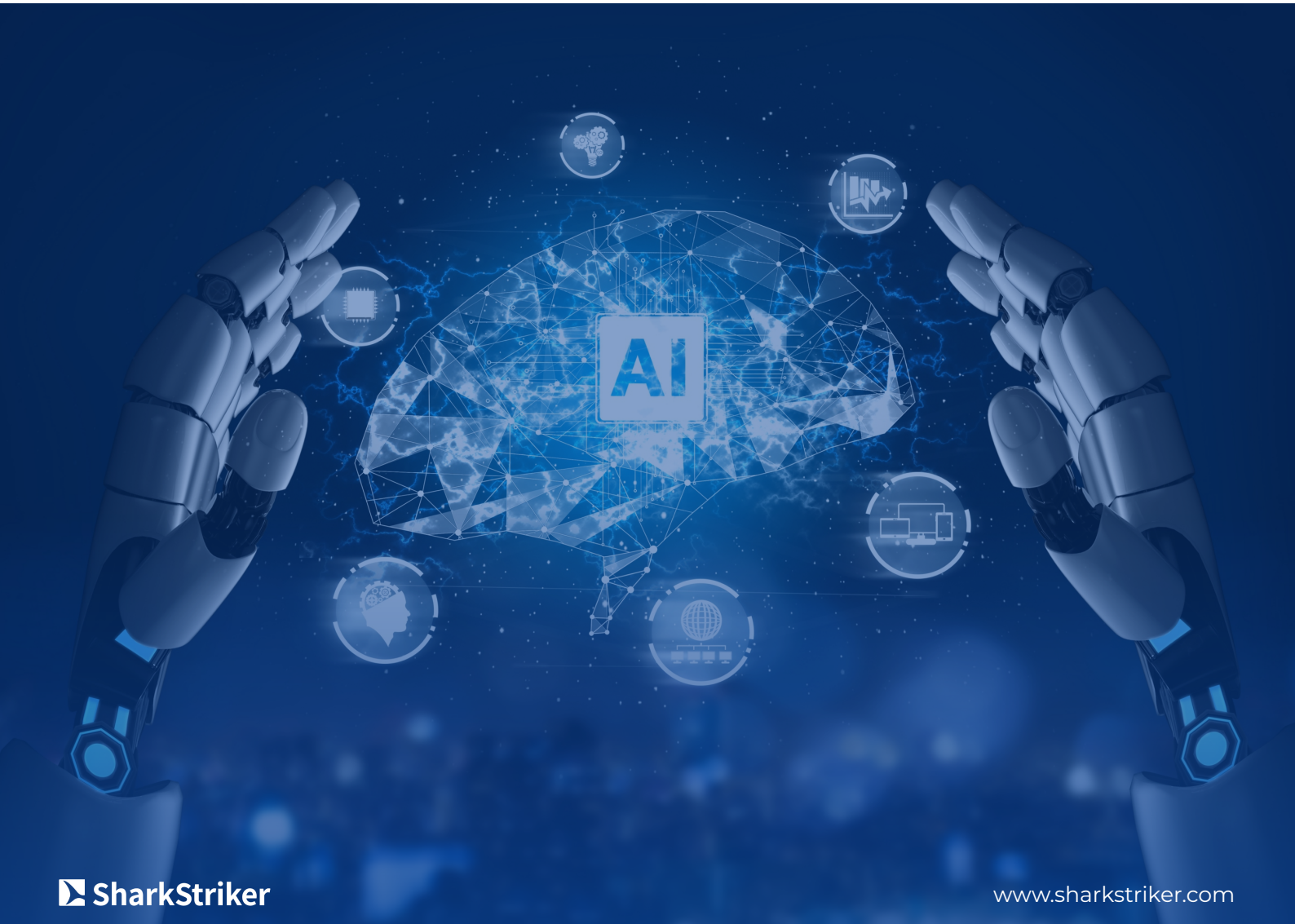
01 Compliances were easily followed

02 Prevention of potential monetary, reputational, and information loss.

03 Decreased number of cyber-attacks, cybersecurity breaches, and cyber risks

04 The customer could focus on their business without fear of further cyber-attacks.

05 Positive impact on not only the Return on Investment (RoI), but also brand image, brand recognition, and brand value.



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