

AI-Enabled Application Penetration Testing

Discovery | On-Demand | MobileSuite | Continuous



Limitations of Conventional Testing

Advancements in web applications, web services and other technologies have changed the way we do business, provide access and share information.

Unfortunately, web applications remain one of the most exploited attack vectors for malicious activities because many businesses have shifted most of their operations to the cloud and online. Enabling employees from remote offices, and business partners globally, to access and, share sensitive data and collaborate in real-time.

Web application penetration testing is critical to protecting both your applications and your online presence and is now an accepted part of the development and maintenance lifecycle process, including functional testing, as part of the application release program.

Traditional security testing and vulnerability scanning has shown to have several drawbacks:

- Incomplete visibility of your digital assets
- Requires exorbitant amount of time and effort depending on the scope
- Only provides a snapshot of the application's immediate security posture
- Various agreements and scopes to sign-off each time
- Extremely expensive to continuously pen-test
- Protracted remediation process

Today, the software supply chain is much more complicated considering the outsourced development and, the number of legacy applications, coupled with in-house development that takes advantage of third-party, open source and commercial, off-the-shelf software components.

AI-Enabled Application Penetration Testing

This artificial intelligence (AI) driven unified platform leverages award-winning machine learning and AI for intelligent automation and acceleration of Application Security Testing (AST).

Driven by human intelligence, it rapidly detects static and the most sophisticated vulnerabilities in real-time and comes with a zero false-positives service-level agreement (SLA).

Offered as a cloud-based subscription service, the powerful AI-platform of automated security testing tools simplifies testing and improves your application security posture.



AI-Powered

Acceleration of security testing and human time reduction



Human Driven

Scalable and cost-effective penetration testing, responsible for the more complex tasks



Zero False Positives SLA

Money-Back guarantee for a single false positive



Highest Vulnerability Coverage

Intelligent penetration testing via multilayer AST technology



Actionable Reporting

Tailored remediation guidelines and 24x7 technical support

The AI-platform combines automation, process and speed to seamlessly integrate security into development; from static and dynamic analysis to web application penetration testing and security testing tools for mobile applications.

The human is responsible for the most complex or unusual application penetration testing tasks, the AI-platform saves as much as 90% of human time compared to traditional web or mobile penetration testing, helping reduce time and the cost of application security testing.



"We cannot solve our problems with the same thinking we used when we created them"



DevSecOps-Enabled, Rapid and Cost-Efficient

Capacities	AI-Powered Platform	Traditional Pen-Testing
Web & Mobile Penetration Testing	✓	✓
Internal & External Application Testing	✓	✓
Customised Testing Scenario & Reporting	✓	✓
Cost-Effective Manual Testing	✓	✗
Continuous Security Monitoring	✓	✗
Instant New Code Detection & Testing	✓	✗
One-Click Virtual Patching Capacities	✓	✗
DevSecOps and CI/CD Integration	✓	✗
Instant Order & Rapid Delivery	✓	✗
24x7 Technical Support	✓	✗

Standards, Methodologies and Accreditation

The AI-platform leverages both in-house and industry application security testing methodologies, combined with international standards, to report vulnerabilities, and internationally recognised CREST accreditation:

Security Testing Methodologies

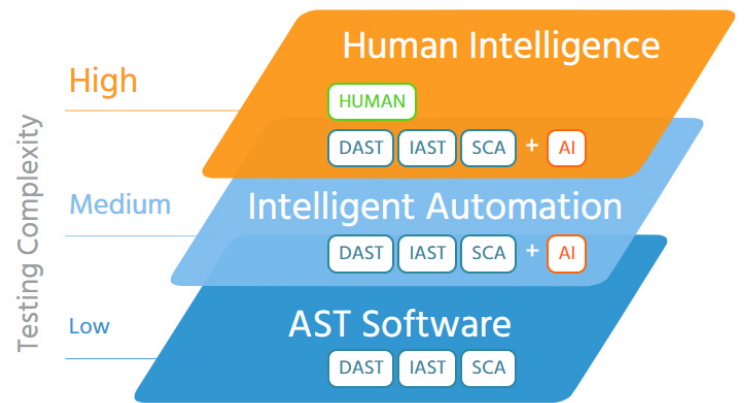


Vulnerability Reporting Standards



Multi-Layer Application Security Testing

Leverages proprietary Multilayer Application Security Testing and application change detection technologies for on-going, DevSecOps-enabled web penetration testing. Combines the award-winning machine learning and AI-Powered technology with manual testing of new or updated code.



Reducing Complexity and Costs

The Discovery module leverages the award-winning OSINT and AI technology to illuminate your external attack surface. The AI-platform continuously detects, tests and scores your digital and IT assets, enhancing visibility with proactive monitoring of any mentions of your company in the Dark Web and Code Repositories.

Overall, the AI-platform provides web, mobile and API security testing, asset discovery and risk ratings to help your organisation meet emerging regulatory and compliance requirements in a simple, agile and cost-effective manner.

“What we think, or what we know, or what we believe is, in the end, of little consequence. The only consequence is what we do.”

About Medicare Network

Medicare Network is an agile, forward-thinking Cyber Security and Risk Management company, product agnostic that offers a range of industry-leading and advanced secure solutions, leveraging award-winning AI and Machine Learning technologies to identify, respond and protect against sophisticated cyber-attacks.