

# **Pentera Surface**

# Pinpoint True Web-facing Security Gaps

#### Harden Your External Attack Surface

Continuously map your organization's external attack surface, launch safe-by-design attacks, and prioritize exposure remediation to see your most attractive assets the way an adversary would.

#### **Key Product Pillars**



#### Attack Surface Monitoring

Gain complete visibility of your external assets and get alerts about new external-facing exposures.



### **Adversary Perspective**

Spot configurations and attributes that indicate potential attacker entry points.



### Web Exposure Validation

Safely exploit mapped assets to uncover potential attack vectors and exploitable security gaps.



### Focused Remediation

Target remediation
efforts on the most
pressing security gaps
based on proven impact.

### **External Security Validation In-Depth**

Pentera safely performs all the actions an adversary would

#### **Enumeration**

Gather comprehensive details about public facing assets, including operating system information, open ports, running services and other points of interest.

#### Reconnaissance

Collect open-source intelligence (OSINT) and map the externalfacing attack surface through ongoing asset inventory discovery and reconnaissance.

#### **Threat Prioritization**

List the most attractive assets, reflecting the attacker's perspective.

#### **Risk Assessment**

Scan for vulnerabilities and assign a risk level to every asset based on the highest associated CVSS score.

Uncover exploitable kill-chains with safe attack actions, aligned to OWASP

#### **Credential Testing** Find and validate the attack surface against leaked credentials by performing credential stuffing where applicable.

### **Attack Impact Testing**

and MITRE ATT&CK® frameworks.

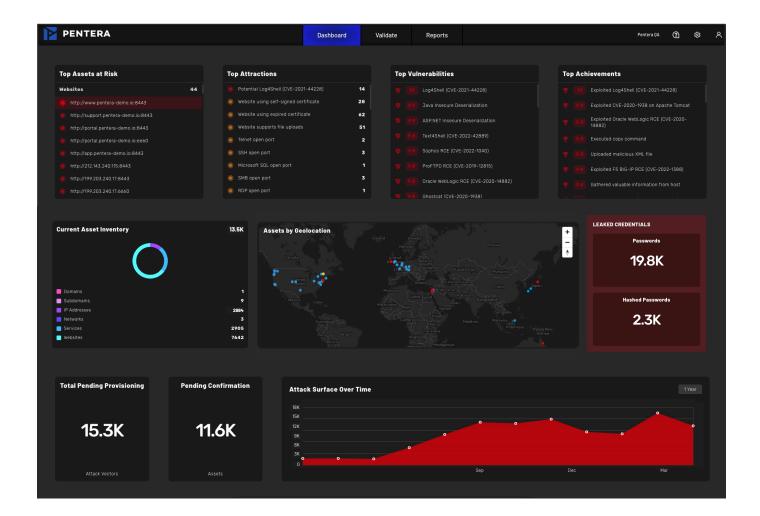
#### **Remediation Prioritization** Eliminate critical attack paths

and prioritize fixing of identified security gaps based on true impact.

#### Reporting

Document findings for internal communication with executives and security teams.



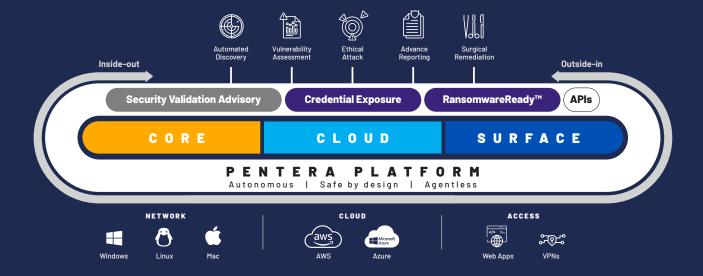


#### **Benefits**

- + Reduce cyber risk exposure
  - Surgically identify and eliminate critical gaps with algorithm-based automated security validation.
- + Reduce third-party testing reliance and expenses
  - Minimize cost and dependence on 3rd party external penetration testing services. Leverage automated, enterprise-grade tests that run at scale.
- + Increase cybersecurity team efficiency

Automate security validation testing activities for external-facing assets, focusing your security team's attention on the assets that matter the most.

## All your attack surfaces, tested continuously with the Pentera Platform



#### **About Pentera**

Pentera is the category leader for Automated Security Validation<sup>™</sup>, allowing every organization to test with ease the integrity of all cybersecurity layers, unfolding true, current security exposures at any moment, at any scale. Thousands of security professionals and service providers around the world use Pentera to guide remediation and close security gaps before they are exploited.





