Pentera Core

Know that Your Internal Controls Block Attacks

Test Your Defenses from Within

Continuously validate your security at scale by safely emulating the actions of an attacker inside your network in a fully automated manner. Uncover full attack kill chains that are proven to be exploitable in your live environment. Prioritize remediation of the highest-risk vulnerabilities, misconfigurations, compromised credentials, and security hygiene gaps to effectively reduce exposure.

Key Product Pillars

Attack Surface Mapping
Discover every corner of your internal network. Automatically gather information on users, hosts, networks, and application configuration.

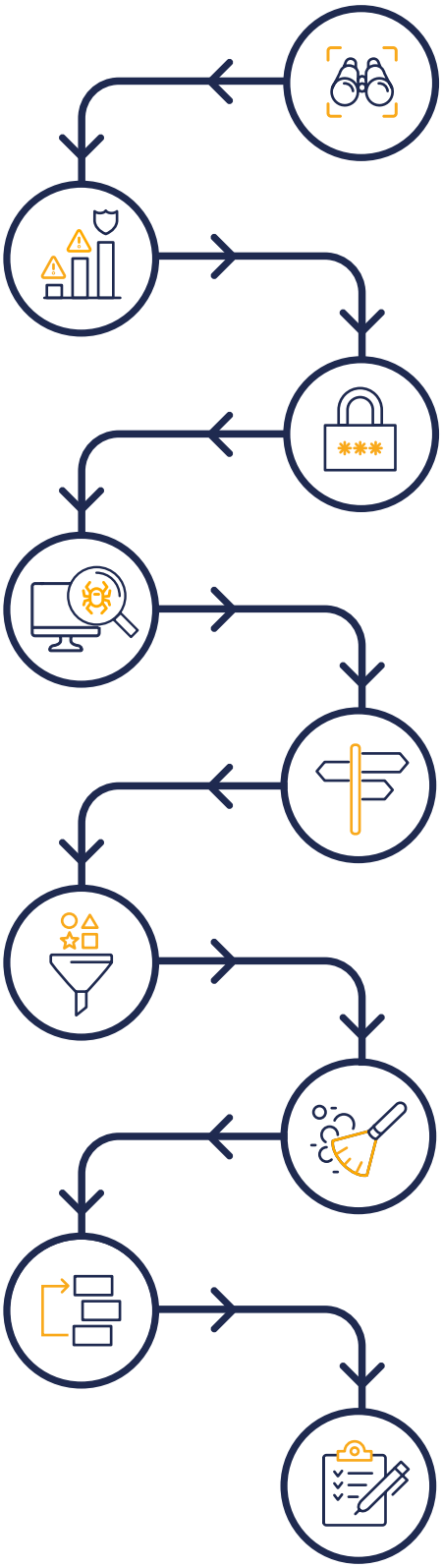
Real Attack Emulation
Use algorithmic security testing to run thousands of safe attacks in production and identify true breach points.

Full Attack Context
Test attack techniques aligned with the MITRE ATT&CK framework to map full kill-chains. Pinpoint root-cause security gaps and understand their potential impact.

Focused Remediation
Prioritize remediation based on risk and fix your security gaps with detailed remediation in-product help. Report progress and re-test to validate your security posture.

How it works

Pentera safely performs all the actions an adversary would



Reconnaissance
Automatically discover and enumerate your internal network, cloud, and web-facing assets.

Assessment
Identify vulnerabilities, configuration flaws, and security hygiene gaps.

Credential testing
Test password strength and use weak or leaked credentials to advance emulated attacks.

Endpoint resiliency
Challenge endpoint devices with safe exploits and malware replicas.

Lateral movement
Move between assets, cross network segments, and pivot from cloud to on-premises or vice versa.

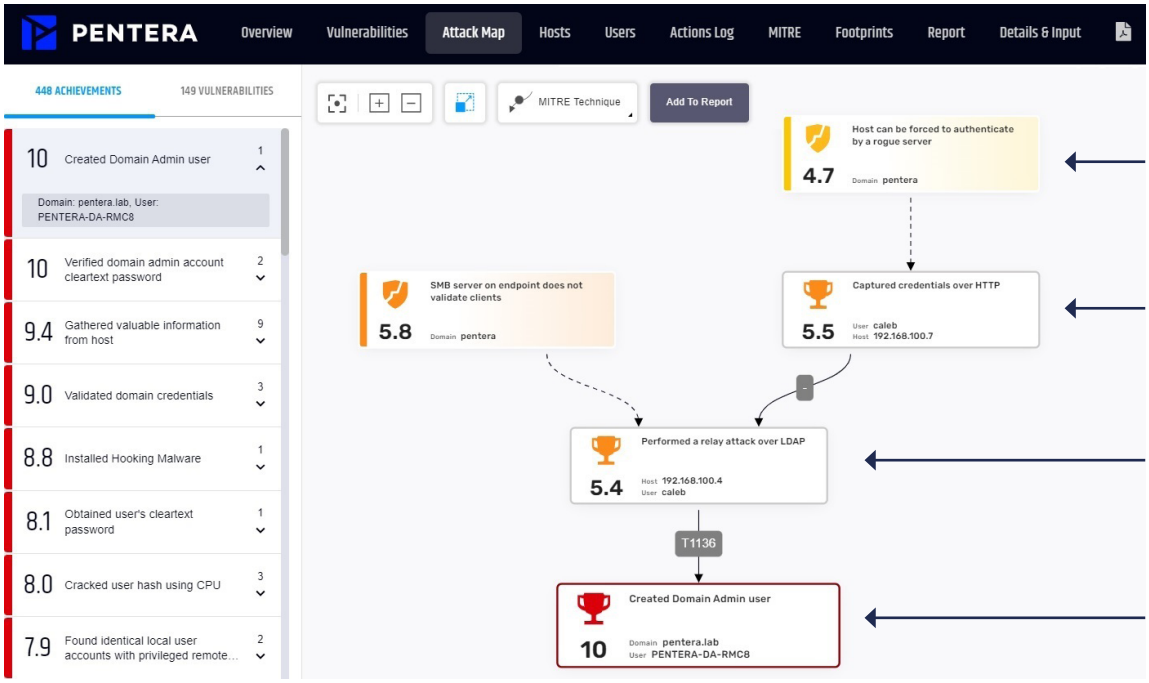
Exfiltration and impact
Emulate the outcome of a successful attack without compromising data or operational continuity.

Clean up
Remove data and code used in the test to leave zero residual footprints.

Remediation guidance
Eliminate critical attack paths and prioritize fixing of identified security gaps based on true impact.

Reporting
Document findings for internal communication and remediation ticketing.

Eliminate your highest-risk attack paths



Root cause:
Misconfiguration

Credentials captured

Authentication via credential relay

Risk impact:
Domain admin access

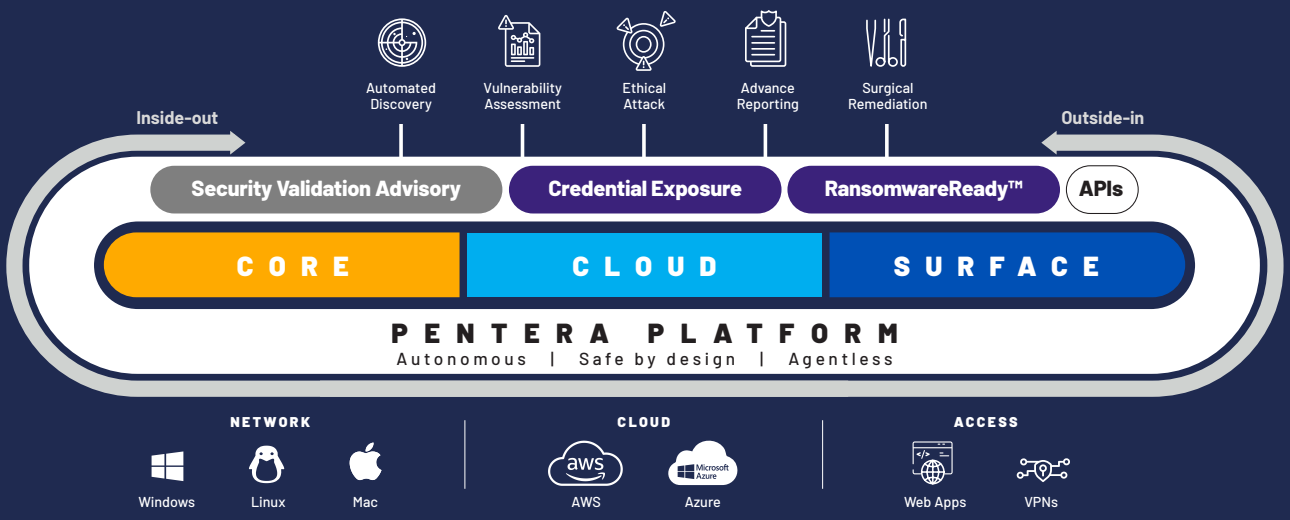
Benefits

Reduce cyber risk exposure
Surgically identify and remediate proven security gaps in your core network.

Decrease third-party testing costs
Test your security posture on-demand without relying on manual audits and outsourced services.

Increase cybersecurity team efficiency
Automate security validation testing activities and focus on eliminating the exposures 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™, 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.