Pentera Platform
Reduce Your Exposure with Automated Security Validation™

Continuously test your cyber resilience across internal, cloud, and external attack surfaces.
Run safe, real attacks in your live IT environment to identify true exposure.
Focus remediation efforts on the highest-risk security gaps based on proven impact.

Build up your security readiness.

Test every attack surface
Identify exploitable vulnerabilities, misconfigurations, credentials, and privileges across your IT environment.

Challenge like an attacker
Automate testing of real-world attacks in production with the broadest library of adversary techniques.

Remediate with precision
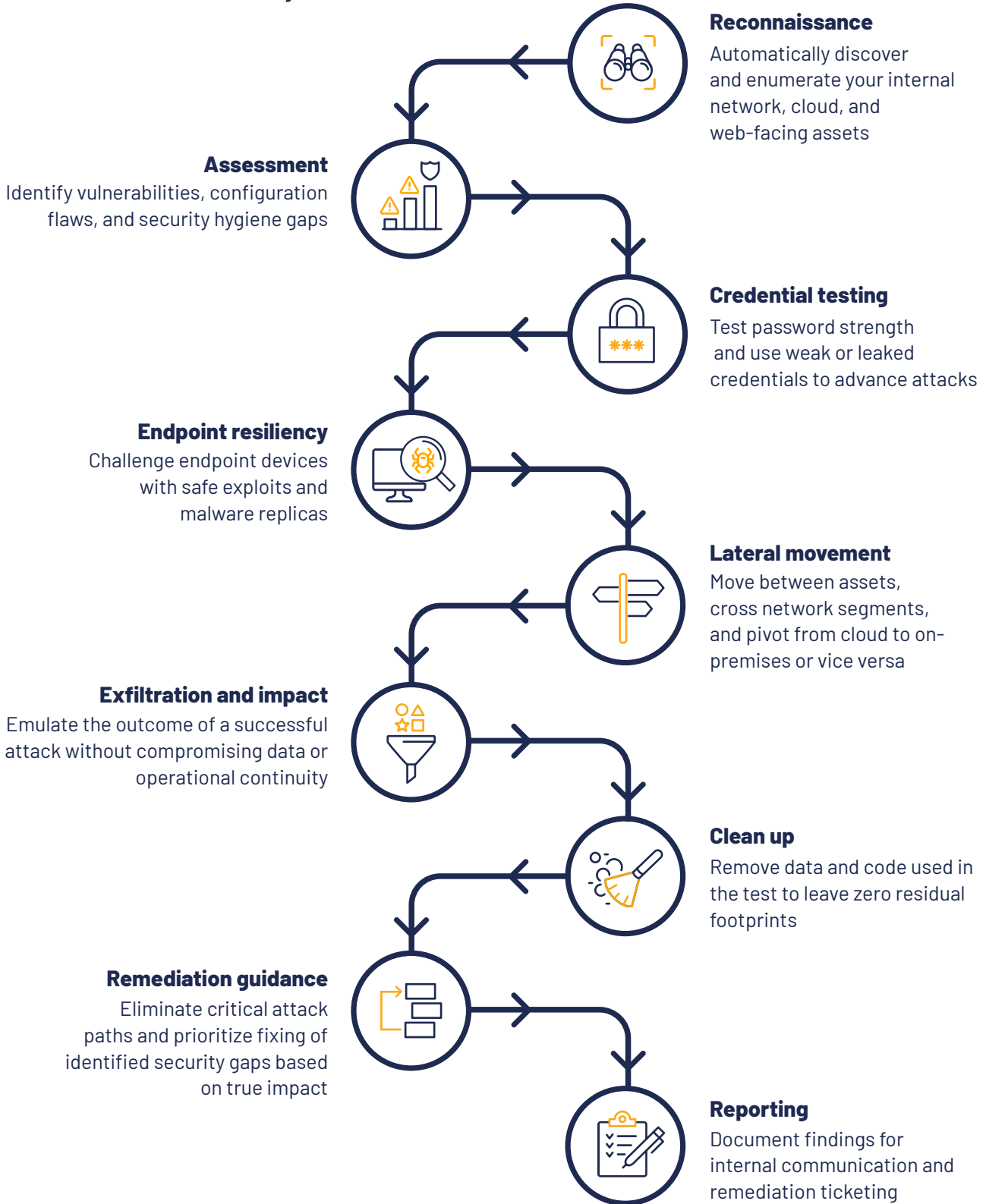Fix the gaps that impact your business the most and demonstrate ongoing security posture improvement.
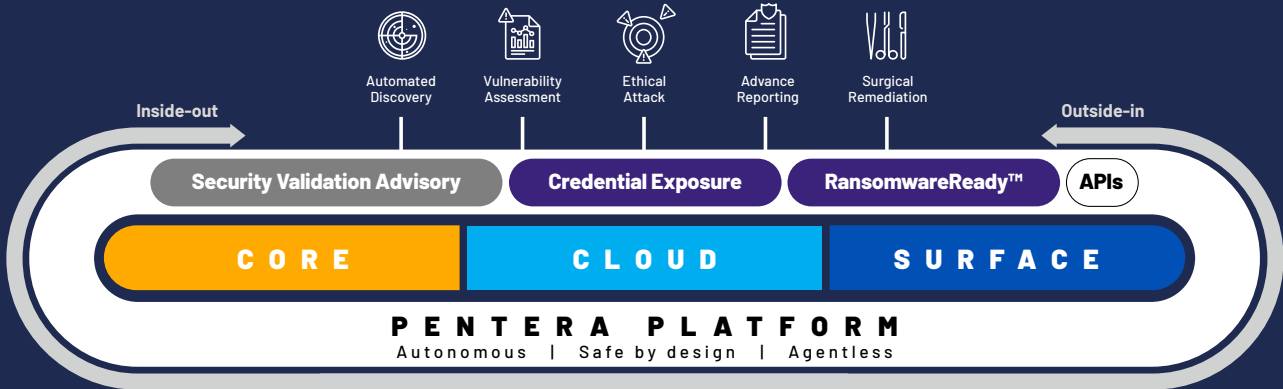
Run at any frequency
Test daily, weekly, monthly or anytime on-demand to identify and eliminate gaps before attackers exploit them.

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 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

All your attack surfaces, tested continuously

Automated Discovery

Vulnerability Assessment

Ethical Attack

Advance Reporting

Surgical Remediation

Inside-out

Outside-in

Security Validation Advisory | Credential Exposure | RansomwareReady™ | APIs

CORE | **CLOUD** | **SURFACE**

PENTERA PLATFORM
Autonomous | Safe by design | Agentless

NETWORK

Windows | Linux | Mac

CLOUD

AWS | Azure

ACCESS

Web Apps | VPNs

+ Autonomous

Pentera's algorithm-based attack orchestration engine mimics adversary behavior, testing thousands of attack vectors at machine speed.

+ Safe by design

Pentera incorporates built-in safety controls and a rigorous vetting process for new features, to ensure that your business operations and assets will not be impacted.

+ Agentless

Pentera operates across your environment without requiring the installation of agents, simplifying deployment and maintenance.

Pentera Core
Validate your internal network
by stress-testing your security controls

RansomwareReady™
Validate against ransomware groups with emulated ransomware attack testing

Pentera Cloud
Validate your cloud environment with automated testing of cloud-native attacks

Credential Exposure
Validate against identity threats by testing leaked credentials against all attack surfaces

Pentera Surface
Validate your external attack surface
to pinpoint true web-facing security gaps

Security Validation Advisory
Maximize your value from Pentera with our global team of cyber experts by your side

Eliminate your ==highest-risk== attack paths

Root cause:
Misconfiguration

Credentials captured

Authentication via credential relay

Risk impact:
Domain admin access

What your security will look like ==with us==

+ Reduce cyber risk exposure
Surgically identify and eliminate critical gaps with algorithm-based automated security validation.

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

+ Increase team productivity
Provide your team with a clear roadmap to remediation, prioritized based on business impact.

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.