

OFFENSIVE SECURITY

Penetration Testing

Testing Designed to Withstand Technical and Executive Scrutiny

A penetration test should reflect the client's actual environment and produce findings that hold up in front of engineers, regulators, boards, auditors, and counsel.

01 — THE CHALLENGE

The penetration testing market is filled with standardized scopes and templated reports. Findings often look similar regardless of the environment.

Organizations in regulated industries and high-consequence environments require testing that reflects their technology, risk, and regulatory context. They need experienced testers and results that can withstand scrutiny.

02 — WHY ARCTIQ

Arctiq penetration testing is delivered by North America-based professionals with deep experience across cloud, application, identity, network, and on-premises environments.

Engagements are scoped to the client's risk and operating context rather than a generic testing template. Findings include reproducible evidence, business-impact framing, and remediation guidance written for both engineering and executive audiences.

The same offensive capability can validate findings identified through Arctiq advisory engagements, creating a tighter cycle between identification, validation, and remediation.

03 — ADVISORY CAPABILITIES

-  External and internal network penetration testing
-  Web application testing aligned to OWASP ASVS
-  API testing aligned to OWASP API Top 10
-  AWS, Azure, and GCP cloud testing
-  Active Directory and Entra ID testing
-  Identity and certificate services abuse testing
-  Mobile application testing
-  OT and ICS testing where safely in scope
-  Assumed-breach scenarios
-  Reproducible exploitation evidence
-  Engineer and executive remediation guidance
-  Retest cycles

TESTER CERTIFICATIONS

OSCP

OSEP

OSWE

GPEN

GXPN

CRT0

OWASP ASVS

04 — BUSINESS OUTCOMES

 Organizations gain:

- ✓ Technically credible testing aligned to the environment
- ✓ Clear evidence of exploitable risk
- ✓ Business-focused impact analysis
- ✓ Actionable remediation guidance
- ✓ Defensible reporting for regulators and auditors
- ✓ Validation that identified issues have been effectively remediated

05 — WHY IT MATTERS

Penetration testing should do more than satisfy a requirement. Arctiq provides testing that helps organizations understand how weaknesses can be exploited and what must change to reduce real risk.

[Scope a penetration test →](#) www.arctiq.com