

Penetration Testing

Do you know if your data is secure?

Recovering from a security breach can cost an organization millions of dollars in IT remediation, loss of customer confidence, damage to brand and reputation, and legal activities.¹

Penetration Testing carried out by NTT Security can help you identify and remediate a potential risk before it leads to a security compromise. As a trusted partner, we show you how an attacker sees your business and help you to avoid costly breaches and achieve compliance by discovering and evaluating risk.

Why does my organization need Penetration Testing?

In a constantly changing business environment, IT systems need to evolve to support the challenges an organization faces. New applications are added, existing systems are hosted by new partners, major updates are installed and access rights are updated. These all create potential vulnerabilities that can be uncovered by performing regular Penetration Testing. NTT Security's experienced, certified consultants can execute Penetration Testing on all aspects of your IT infrastructure, supporting you to proactively identify critical security weaknesses, understand which are less significant and which are false positives – and help you to prioritize resources and remediation activity.

Penetration Testing often discovers vulnerabilities for the first time, yet is often last on the risk checklist. In our experience, there are few faster, more focused, and cost-effective ways to uncover the risks to your organization.

Penetration Testing also forms an essential part of your defenses against advanced persistent threats (APTs) — simulating the steps attackers would take in profiling an organization and looking for a way to breach your defenses.

Get more value from Penetration Testing

We see the maturity of Penetration Testing vary from sector to sector, with many organizations now using it as a proactive exercise to highlight risk, secure budget, and change development cultures by demonstrating the value of building information security into systems and applications earlier. To get the most out of security testing requires excellent scoping: too broad and the program will take too long and potentially be disruptive; too narrow and vulnerabilities can be missed.

Testing disciplines and scenarios are based on your individual requirements and respond to specific needs and concerns. The tests follow industry-recognized methodologies, including:

- The Open Web Application Security Project (OWASP)
- Open Source Security Testing Methodology Manual (OSSTMM)

NTT Security Penetration Testing services at a glance:

- Detailed information on actual, exploitable security threats
- Verification that designed security controls are implemented correctly
- Confirmation that security safeguards are being maintained
- Evidence that policies are being adhered to at all times

Benefits of our approach:

- **Visibility:** understand your business risk against the changing threatscape including APT and zero-day threats
- **Efficiency:** prioritize the defensive steps required to protect your organization
- **Agility:** reduce the impact and likelihood of a breach by dynamically testing your organization
- **Skills:** use a trusted partner to augment your current defenses and to highlight specific threat scenarios
- **Compliance:** demonstrate your commitment to protecting your employees and business against vulnerabilities and misconfigurations

¹. NTT Security 2018 Risk:Value Report

Choose the right Penetration Testing services for your business

All our security testing services can be delivered as standalone services, or combined to provide you with a more holistic view of your security posture. In either scenario, we work with you to produce a scope-of-work which is tailored to your specific requirements and desired outcomes.

Figure 1: Our Penetration Testing services provide your organization with an evidence-based picture of relevant vulnerabilities and associated risks to your stakeholders within your web presence, business applications, and wireless and mobile infrastructure.



About NTT Security

NTT Security is the specialized security company and the center of excellence in security for NTT Group. With embedded security we enable NTT Group companies to deliver resilient business solutions for clients' digital transformation needs. NTT Security has 10 SOCs, seven R&D centers, over 1,500 security experts and handles hundreds of thousands of security incidents annually across six continents.

NTT Security ensures that resources are used effectively by delivering the right mix of Managed Security Services, Security Consulting Services and Security Technology for NTT Group companies – making best use of local resources and leveraging our global capabilities. NTT Security is part of the NTT Group (Nippon Telegraph and Telephone Corporation), one of the largest ICT companies in the world. Visit [nttsecurity.com](https://www.nttsecurity.com) to learn more about NTT Security or visit www.ntt.co.jp/index_e.html to learn more about NTT Group.