Penetration Testing

Hack yourself before anyone else does.

Headlines such as „Cyber attacks on European companies are on the rise" or „Cyber criminals encrypt company data and cause millions in losses" are all over the place and incidents in their immediate business environment already affect customers and business partners. The question is: Are you the next victim?

277 days

That's the average number of days vulnerabilities in corporate networks remain undetected for. During this time, cyber criminals have the chance to use these vulnerabilities as an easy door opener to gain access to your data. Once the door is open, attackers need to take just one step across the digital threshold and can …

- spy on credit card information and resell it.
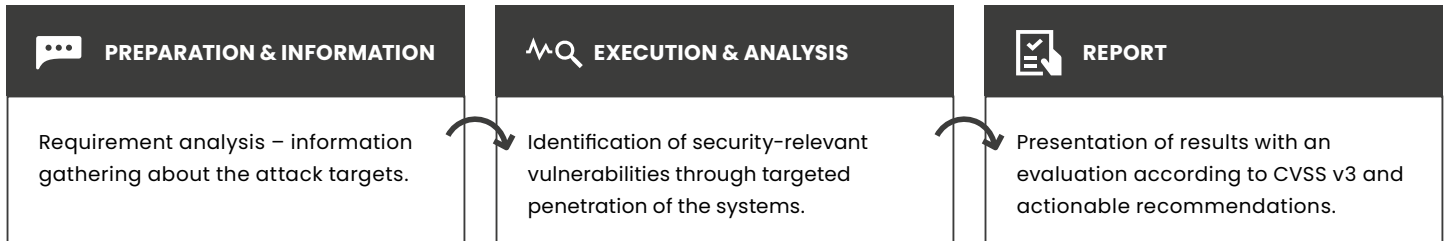- use trade secrets to their own advantage.
- encrypt data and demand ransom.

Avoid these security risks and make sure your doors are securely closed.

Keep hackers out

Using the tools of real attackers, our experts carry out realistic attacks on your IT infrastructure, your applications, or the blind confidence of your employees. We don't just hit the „Start scan" button in a piece of software. Instead, all penetration tests are performed by our very own experienced staff in Germany and Austria. Your benefit: An up-to-date overview of your company's security posture, and a thorough evaluation of products deployed in your environment.

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Process of a penetration test

💬 **PREPARATION & INFORMATION**	〰️🔍 **EXECUTION & ANALYSIS**	📋✅ **REPORT**
Requirement analysis – information gathering about the attack targets.	Identification of security-relevant vulnerabilities through targeted penetration of the systems.	Presentation of results with an evaluation according to CVSS v3 and actionable recommendations.

Tailor-made penetration testing

Our team will conduct an analysis tailored to your needs and security posture. Once complete, we will identify potential targets for a manual attack, which can be adjusted as desired:

- Penetration testing for web applications and services.
- Phishing simulation on employees to obtain passwords.
- Evaluation of user permissions.

We will announce tests so you can prepare and schedule downtime.

Choose the penetration testing package that perfectly suits your needs:

Infrastructure Security	Application Security	Adversary Simulation
· External Infrastructure · Internal Infrastructure · PCI-DSS Check	· Web Application · Mobile Application (iOS/Android)	· Red Teaming · Purple Teaming · Phishing Campaigns · OSINT · Physical Red Teaming

Please refer to the separate Penetration Testing Service Packages datasheet for details on the individual packages.

The results are in: What's Next?

Our detailed report will include all vulnerabilities identified on your systems. With its comprehensive and easy-to-follow guidelines, you will get clear recommendations on improvements so you can take the appropriate measures yourself or you let our Swiss IT Security Group experts take them for you: Our comprehensive range of services will not only allow you to check individual components as part of the penetration test but also to test the scenarios that are particularly important to you through red or purple teaming. In the next step, the 360° solutions of the SITS-Group will help you securely lock your doors.

Your benefits:

- Insight into all your security gaps and vulnerabilities
- Practical suggestions and, if desired, immediate implementation
- Decisive improvement of your security posture
- Proactive protection with the 360° solutions of the SITS Group
- Access to the SITS Group expert knowledge

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