WITH SECURITY

Penetration Test – Technical Consulting – Digital Forensics –
Red Teaming – Live Hacking – Training

“Be one step ahead of the hackers. We detect your security gaps before others do. Doing this within an ethical process is our highest priority.”

SEBASTIAN SCHREIBER
MANAGING DIRECTOR

We have a great deal of expertise in hacking. We check your IT landscape, search for and assess risks – before they become a problem. In the event of an incident, we gather evidence and lock unwanted guests out of the system.

THE ATTACKS ARE INVISIBLE – THE DAMAGE IS NOT

Nowadays, nearly all businesses are dependent on a functioning IT. The importance of digital infrastructure for our economic and social lives is enormous. At the same time, however, digital crime is a real and constantly growing danger today for businesses, authorities and public infrastructure. Even the smallest gap in the digital barriers can be used as a gateway by hackers – often with fatal consequences. Valuable development data, the control of plants or the reputation of businesses and organizations – IT attacks can cause great damage here very quickly.

SySS finds gaps so that you can close them. WITH Security.

WE ARE
PENETRATION TESTERS.
WE TEST IT.
WE FIND THE GAPS.
WE SHOW YOU HOW TO CLOSE THEM.

Every day, countless IT systems in businesses and organizations are attacked – in all too many cases successfully. As the complexity of IT landscapes grows, so too does the number of weak points – and there are constantly new vulnerabilities.
The IT security specialists at SySS test your system – under real conditions with real attack patterns.
We find your security gaps so that you can close them before they become a gateway for hackers.

Our goal:
Find the security gaps in your system before others are able to use them.

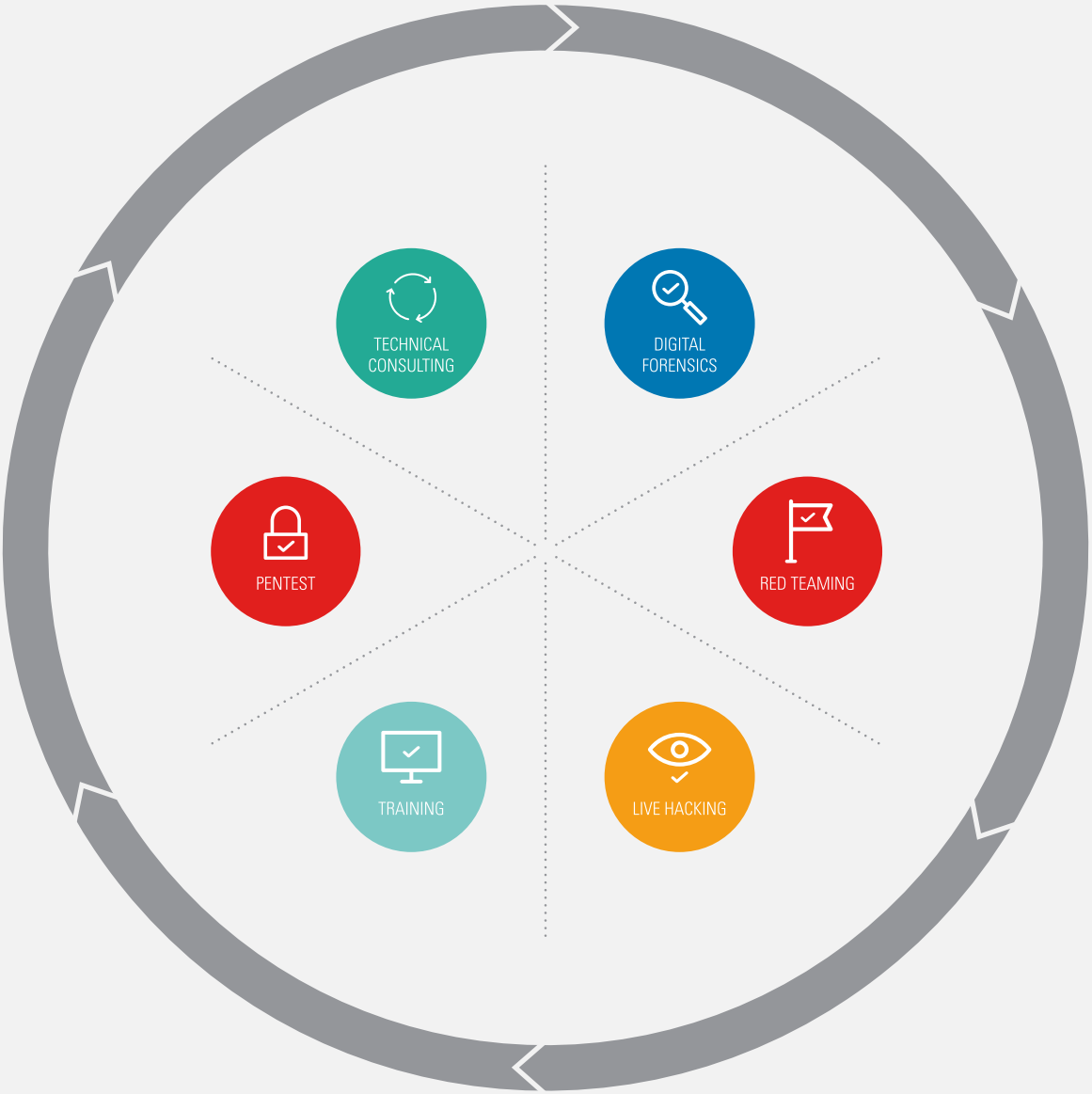
Your goal:
Close the gaps before others discover them.

Together, we will find the key to your IT security.

CHANGE OF PERSPECTIVE

We adopt the perspective of a true hacker and find weak points that would also be discovered by a real attacker. In doing so, we think like hackers and find new gaps – before others do.

We also let you peer through the glasses of the hacker so that you can better understand how security problems occur – and why they so often remain undiscovered.


TECHNICAL CONSULTING
DIGITAL FORENSICS
PENTEST
RED TEAMING
TRAINING
LIVE HACKING

PENETRATION TEST

State-of-the-art IT system penetration

Not a week goes by in which hackers do not succeed in penetrating networks, servers and PCs. Not a day goes by in which we do not do the same – but on your behalf. With our exclusive know-how, we test your IT landscape, search for common and extraordinary weaknesses and security gaps – in constant communication with you. In a comprehensive report, we inform you of all detected problems and provide you with suggestions on how you can correct them.

TECHNICAL CONSULTING

Consulting competently – securing IT

There are many reasons for companies and organizations to take advice in matters of IT security: security incidents, results of a penetration test, new requirements, outtasking, or other backgrounds. SySS supports you at the beginning – but also over the entire course of a project – with profound expertise.

DIGITAL FORENSICS

Addressing threats – gathering evidence

SySS supports you in resolving IT security incidents and in collecting data in your company network that is admissible in court. This includes, in addition to securing and analyzing digital traces in computer systems, the evaluation of log files after an attack as well as the detection of undesired network activity.

RED TEAMING

Experiencing planned APTs – training defense

Advanced persistent threats (APTs) are increasingly posing a risk to companies and institutions. We simulate such a targeted attack from an external perspective without any prior knowledge. Thereby, we test your processes and systems as well as your employees' awareness of IT security.

LIVE HACKING

Experiencing attacks – raising awareness

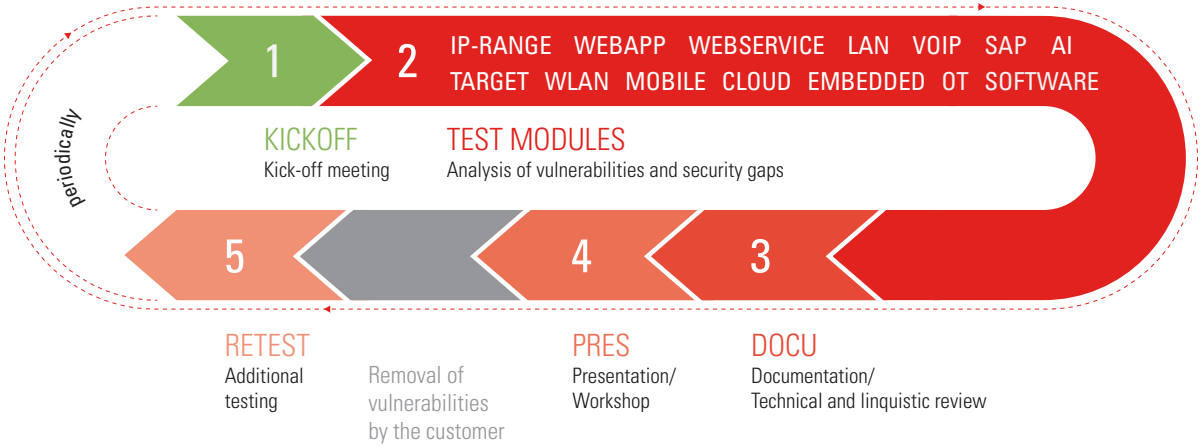
To protect yourself against attacks from the web, you need to know exactly how hackers operate. During a live hack, our specialists impressively demonstrate how easy it is to access the data of a third party. With a live hacking event, you specifically sensitize even those employees for IT security who previously thought digital attacks were only an abstract threat.

TRAINING

Practicing security – improving competence

The security officer of your company and all employees responsible for IT are given extensive training by SySS in current topics and procedures related to IT security.
We bring you into the world of hacking and explain to you how attackers operate. Through this change of perspective, you and your team learn how to protect yourselves effectively.

WE HAVE THE KNOW-HOW FOR YOUR SECURITY



IP-RANGE	Analysis of, e.g., your IP address ranges that are accessible via the internet or selected internal systems
WEBAPP	Testing of your web application from various attacker perspectives
WEBSERVICE	Detailed analysis of your offered web services (e.g., SOAP, REST)
LAN	Analysis of your systems from the local network, e.g., “the cleaning staff/intern scenario“, client, VLAN, Active Directory analysis, testing of production systems and critical infrastructures
VOIP	Analysis of your Voice-over-IP and Unified Communication infrastructure including involved components such as PBX, UC-Software, SBC, ACD
SAP	Analysis of your SAP ERP environments
AI	Security analysis of artificial intelligence systems
TARGET	Assessment of client-side vulnerabilities to targeted attacks from the internet
WLAN	Test of your WLAN infrastructure
MOBILE	In-depth security test of mobile apps and devices (e.g., iOS, Android) as well as mobile device management solutions
CLOUD	Analysis of your AWS, Azure or Google Cloud environment, incl. audit of configuration and penetration test
EMBEDDED	Individual laboratory tests: firmware, hardware and device testing, Internet of Things (IoT) product testing
OT	Analysis of your operational technology
SOFTWARE	Individual software tests

PROFESSIONAL ETHICS FOR PENETRATION TESTERS

How we understand it:
- *Independence*
- *Confidentiality*
- *Prohibition of commission fees*
- *Objectivity*
- *Neutrality*
- *Transparency*
- *Professionalism*
- *Quality management*
- *Liability*
- *Strict obedience of laws*

WE STAND FOR SYSTEM SECURITY

OUR STRENGTHS

MARKET LEADER
PRODUCT INDEPENDENCE
TRENDSETTER
DOCUMENTATION
STRONG SENSE OF ETHICS
EXPERIENCE

Independence, confidentiality, objectivity – those are just three of the fundamental ethical principles on the basis of which we structure our work and which we have published as "Professional Ethics for Penetration Testers". One thing is particularly important to us here: your security.

We can work anywhere in the world and perform tests everywhere our customers need them. Our projects are accompanied by written documentation which you receive upon completion of the test. With a two-step quality assurance process, we examine the report for technical and linguistic correctness.

SySS consultants are always well-trained according to the latest technological standards and are sought-after experts at congresses and in the media. They are in close contact with politics and science, advocate for IT security, pass on their knowledge in lectures and publications – and conduct research again and again from the perspective of the "good hacker". Because we at SySS want to be part of the dynamics that make the digital technologies so fascinating.

HISTORY

1998
FOUNDING

The penetration test is inextricably linked to SySS GmbH. It was the reason for the founding of the company in 1998. Today, we are market leader in Germany as well as Europe in this area. SySS GmbH has branch offices in Frankfurt/Main and Munich as well as a subsidiary company in Vienna, SySS Cyber Security GmbH. Since the very beginning, our focus has been on performing high-quality penetration tests

“We test absolutely independent of product. This guarantees you objective results.”

SEBASTIAN SCHREIBER

THE PENTEST EXPERTS

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