

**WE PROTECT  
COMPANIES  
AGAINST HACKERS  
AND CRIMINALS.**



## WHAT DRIVES US

For companies, the importance of IT security has never been greater. Those of us who work for the “good side” feel the increasing pressure, the very real threat. The usd is home to some of the brightest minds I know. Good guys from many parts of the world who want to make a real contribution to greater security.

Our clients are very important to them personally, they bear responsibility. And so we push each other to become even better. For our clients. For us. For more security.



**Manfred Tubach**  
CEO, usd AG



# WE PROTECT COMPANIES AGAINST HACKERS AND CRIMINALS.

Our work is as dynamic and diverse as the threat. As an accredited auditor, we advise and certify companies worldwide according to the specifications of the credit card industry and other international IT security standards. The experts at usd HeroLab identify vulnerabilities in IT systems and applications. Our security consultants provide companies with holistic advice on information security, risk management and IT compliance. We bear responsibility, the Cyber Security Transformation Academy (CST Academy) promotes exchange and knowledge transfer in the community. more security is our mission.

1994  
FOUNDATION

> 900  
CLIENTS WORLDWIDE

> 1,400  
PENTESTS

~ 200  
EMPLOYEES

24.2  
MIO. EUROS REVENUE IN 2023

Our headquarters are located in Neu-Isenburg (near Frankfurt am Main) with additional offices in Cologne and Munich. We always work independently of products. Our customers come from all industries. Banking and financial service providers, tourism and airlines, IT service providers, retail and e-commerce are our focus industries.

> 14,000  
SECURITY SCANS



## SECURITY ANALYSIS & PENTESTS

The used HeroLab security analysts identify vulnerabilities, assess risks, provide recommendations and holistic support through our managed security services.

- Pentests
- Security Scans
- Incident Response & Forensic
- Code Reviews
- Live Hacking
- Vulnerability Management Services
- Red Team Assessment

## SECURITY AUDITS

We help you achieve more transparency and support you in proving your compliance as part of a certification project.

- PCI Audit
- Cyber Security Check
- KRITIS Audit
- SWIFT Assessment
- Internal Audit
- Internal Audit according to ISO 27001
- Supplier Audit
- Cloud Security Audit

# OUR FOCUS POINTS

more security

## SECURITY CONSULTING

We integrate security holistically into your company.

- ISMS/ISO 27001 Concepts, Consulting, Implementation
- Information Security for Financial Institutions
- CISO/ISO Interim Management
- IT Compliance
- Risk Analyses & Protection Needs Assessments
- Technical IT Security Expertise
- IT Security Projects

## PCI SECURITY SERVICES

We audit according to the international security standards of the credit card industry (PCI).

- Scope Workshop
- Gap Analysis
- PCI Security Scans
- PCI Pentests
- Policy Templates
- Consulting, Reviews
- Audits





## OUR EXPERTISE

We work with more than 900 clients around the world and have many years of experience in projects in various industries. We work independently of products and with modern tools, some of which we have developed ourselves. In addition, we have access to a large network of freelance specialists.

## AS AN ASSESSOR

We efficiently guide companies of all industries and sizes towards their certification. Regardless of the complexity of existing infrastructures or processes, we always act in a solution-oriented manner.

Our portfolio is designed to provide you with holistic support in meeting your requirements and improving your information security. Our security experts do not only perform an assessment, but primarily support you as an independent partner.

As an officially accredited company by the PCI Security Standards Council (PCI SSC) since 2004, we have been auditing according to all of the credit card industry's major security standards (PCI DSS, P2PE, 3DS, PCI PIN and PCI Software Security Framework).







## AS A SECURITY ANALYST

Companies around the world rely on us HeroLab's highly trained team to identify gateways for attackers and to demonstrate ways to sustainably improve their IT security.

Whether you need holistic support with your company-wide IT security strategy, as a company you want to deploy applications and systems securely or as a product manufacturer you want to offer more security for your customers: With us HeroLab you have one of the leading partners at your side. Together with you we will find the right solution for you.

## AS A CONSULTANT

**Our interdisciplinary team of security consultants supports you precisely and efficiently where you need it.**



Our assistance is diverse and geared towards your needs: Coaching of the responsible persons within your security organization, support of your IT department with technical expertise, implementation of information security management systems (ISMS), security projects lasting several months up to cloud security audits. We act in accordance with national and international standards (including ISO/IEC 27001, EU GDPR, C5, BSI IT-Grundschutz) as well as regulatory requirements (such as BAIT, KAIT, MaRisk).



# OUR CERTIFICATIONS

Our employees and experts have a broad portfolio of different certifications in the context of IT security, such as:



**OSCP**  
Offensive Security Certified Professional

**OSCE**  
Offensive Security Certified Expert

**CEH**  
Certified Ethical Hacker

**SANS FOR500**  
Windows Forensic Analysis

**SANS SEC 504**  
Hacker Tools, Techniques

**SANS SEC575**  
Mobile Device Security

**SANS SEC660**  
Advanced Penetration Testing, Exploit Writing,  
and Ethical Hacking

**CISA**  
Certified Information Systems Auditor

**CISM**  
Certified Information Security Manager

**OSWE**  
Offensive Security Web Expert

**OSEP**  
Offensive Security Experienced Penetration Tester

**CRT0**  
Certified Red Team Operator

**PNPT**  
Practical Network Penetration Tester

**ITIL**  
IT Infrastructure Library

**ISO/IEC 27001 LEAD AUDITOR**

**GSNA**  
GIAC Systems and Network Auditor

**PECB Certified ISO 22301  
Implementer** (Themengebiet des BCMS)

**CRISC**  
Certified in Risk and Information Systems Control

**CISSP**  
Certified Information Systems Security Professional

**CompTIA Security+**

**IT Security Officer for Public  
Administration**

**PMP**  
Project Management Professional

**Prince2 Foundation**

**Qualys Certified Specialist**  
(Vulnerability Management)

**Scrum Master**

**Extended Security Check (Ü2)**  
According to Security Clearance Check Act  
(§ 9 SÜG)

**Audit Process Competence**  
for Section 8a of the BSI-Act for KRITIS

# OUR ACCREDITATIONS

usd is one of the few companies in Germany accredited by the PCI Security Standards Council to perform the following security audits:

ASV  
Approved Scanning Vendor

QSA  
Qualified Security Assessor

P2PE QSA  
Point-to-Point Encryption Qualified Security Assessor

PCI 3DS ASSESSOR

QPA  
Qualified PIN Assessor

SECURE SOFTWARE ASSESSOR

SECURE SLC ASSESSOR  
Secure Software Lifecycle Assessor





# OUR COMMUNITY INVOLVEMENT

To protect companies from hackers and criminals, we need to ensure that our skills and knowledge are always up to date. That's why security research is just as important to our work as is building a security community to promote knowledge sharing. After all, greater security can only succeed if many people are involved.





usd HeroLab

## OUR TECHNOLOGY & RESEARCH CENTER

The approximately 80 excellently trained security analysts from usd HeroLab help our clients to continuously and efficiently improve their IT security. Our security analysts specialize in technical security analyses, in particular pentests of servers (e.g. database servers) or desktops, network components (e.g. firewall), web applications and web services. We support you throughout your projects with our Managed Security Services - from the planning of your pentests to the coordinated remediation of identified vulnerabilities. Our promise is more security! We guarantee this promise through constant research and knowledge exchange, our training program, excellent know-how and a high degree of automation of our processes.

## SECURITY RESEARCH

Research in the IT security environment is just as much a part of our work as the exchange of knowledge with the security community. We share the knowledge we gain in our research with the security community in events, training courses and publications. We invest in qualified junior staff and cooperate with universities and schools. Responsible handling of the findings of our work is a top priority for us. That's why we, for example, always publish zero-day vulnerabilities in our Security Advisories in a coordinated manner in line with our Responsible Disclosure Policy.





# CST ACADEMY

CYBER SECURITY TRANSFORMATION

The CST Academy is usd AG's contribution to a necessary change - a transformation. From the insecurity of the individual to more security in the knowledge community. Together with experts from business, science and politics, the CST Academy offers space for competence building, security research, knowledge transfer and networking in the field of cyber security. From students to top managers.



## COMMUNITY EVENTS

The CST Academy offers the community a variety of opportunities to network and learn from each other. Evening events on current topics or best practice workshops invite the participants to exchange experiences. Seminars, trainings and webinars dive deep into a technical topic. At live hacking events

or the Hacking Night of usd HeroLab, you can experience IT security up close. Prospective experts can get their start in cyber security at formats such as Young Connect @ CST or the Consulting Days. And much more.



# PARTNERSHIPS & TEACHING

## ACTIVE IN TEACHING

### HACKER CONTEST & IT-SECURITY-SEMINARE

- Goethe Universität Frankfurt
- Technische Universität Darmstadt
- Hochschule Darmstadt
- Hochschule Mainz
- Technische Universität München

## PARTNER TO LEADING INSTITUTES

- CAST
- ATHENE
- Alliance for Cybersecurity



## ACTIVE IN RESEARCH

### SECURITY ADVISORIES

The usd HeroLab publishes a series of Security Advisories on current vulnerabilities and security issues. Always in the name of our mission „more security“.

### BIOMOBILE II

Biometric speaker recognition on smartphones for mobile banking and payments.

### KMU AWARE

Development of innovative security awareness measures for medium-sized businesses.

Gefördert durch:



aufgrund eines Beschlusses  
des Deutschen Bundestages



