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LANGUAGES

- 🗣 German (Native)
- 🗣 English (C2)

# Uwe Schwarz

I connect technology, people, and business goals – acting as the bridge between teams, stakeholders, and systems. Whether it's IT security, networking, high-availability infrastructure, or email solutions, I take ownership, lead complex projects, and ensure the results are not just technically sound, but strategically aligned and built to last.

## PROFILE

With over two decades of hands-on experience in IT and project leadership, I specialize in building secure, scalable, and future-ready systems. From high-stakes data center migrations to evolving security strategies for regulated industries, I've led diverse teams and initiatives that drive tangible business outcomes.

I act as the bridge between technical complexity and strategic clarity. Whether I'm aligning teams on a security roadmap, modernizing infrastructure, or translating compliance requirements into real-world action, I bring a clear head, calm hands, and a passion for connecting the dots between tech and people.

## EXPERIENCE

### Member of the Board

**DEGIT AG** May 2018 - Present  
Hockenheim, Germany

- Information Security Officer and Data Protection and Privacy Officer.
- Access to experts from multiple fields.
- Competent and focused partner for all consulting needs.
- Building a secure and compliant IT infrastructure with a focus on modern technologies (IPv6, Zero Trust, Zero-Config VPN, etc.) and best practices.
- Responsible for corporate governance in IT security, privacy and compliance topics.
- **Achievement: Implemented a Zero-Config VPN solution that allows for easy and secure remote access to the company's resources.**
- **Achievement: Introduced a company-wide training framework for information security, risk management and compliance.**

- Security Privacy Microsoft 365 Notion Cloudflare Resend Supabase
- IPv6 Zero Trust Zero-Config VPN Governance Training Security Awareness
- Risk Management Compliance EU AI Act

### Founding Member & Data Protection Officer

**AKTion gegen Krebs gUG** May 2025 - Present  
Seevetal, Germany

- Founding member responsible for data protection and GDPR compliance.
- Developed and maintain the organization's website and backend systems.
- Planning and implementing AI-supported workflows for case management.
- Responsible for IT security strategy and risk management.
- **Achievement: Established GDPR-compliant data protection framework from the ground up.**
- **Achievement: Developed and launched the organization's online presence.**
- **Achievement: Designed secure IT infrastructure (IPv6, Zero Trust, Zero-Config VPN, etc.) tailored to sensitive medical and legal data.**
- **Achievement: Initiated the integration of AI tools to support efficient case processing.**

- Data Protection IT Security AI Workflows Agentic AI Backend Systems
- Backup-Strategies IPv6 Zero Trust Zero-Config VPN Risk Management
- Compliance Notion Cloudflare Resend Supabase

## AI Training Platform & AI Tools Evaluation

DEGIT AG

Aug 2025 – Oct 2025

Hockenheim, Germany

- Design and implementation of an internal AI training platform for corporate use, focusing on compliance with the EU AI Act and practical enablement of teams.
- Evaluation and decision paper comparing leading AI and automation platforms with regard to data protection, reliability, API integration and governance readiness.
- Evaluation of emerging Agentic AI workflows for multi-step task orchestration and their integration into enterprise automation environments.
- **Achievement: Analyzed and benchmarked: OpenAI ChatGPT, OpenAI Open-Weight GPT-OSS, Microsoft Copilot, Perplexity, Anthropic Claude, Apple Foundation, z.AI GLM, n8n, make.com, Zapier.**
- **Achievement: Developed a modular learning platform prototype integrated with Supabase and Cloudflare, offering role-based content and progress tracking.**
- **Achievement: Produced a comparative decision framework supporting management's AI adoption strategy.**

AI Evaluation   AI Training   EU AI Act   Supabase   Cloudflare   Automation   n8n  
make.com   Zapier   OpenAI   Apple Foundation   Anthropic Claude  
Microsoft Copilot   Perplexity   z.AI GLM   Agentic AI   Enterprise Automation  
Cursor   Claude Code   OpenAI Codex

## Subproject Lead Data Center Migration & Backup Modernization

Joh. Berenberg, Gossler & Co. KG

Jan 2024 - Sep 2025

Hamburg, Germany

- Subproject lead within the data center migration project, focusing on Solaris, Linux, storage, and backup environments.
- Responsible for the modernization and full implementation of the new enterprise backup platform based on Rubrik Security Cloud.
- Supported the transition of Solaris infrastructure and legacy systems towards modern, cloud-ready architectures.
- Contributed to the redesign and renewal of the legacy network into a modern, segmented structure with improved security focus.
- **Achievement: Successfully led the Rubrik Security Cloud modernization project, enhancing data protection, compliance, and recovery performance across all business units.**
- **Achievement: Contributed to the successful relocation of two data centers with minimized downtime and coordinated dependencies across multiple infrastructure domains.**

Project Management   Rubrik Security Cloud   Atlassian Jira   Atlassian Confluence  
Microsoft Project   ServiceNow   LeanIX   Delinea   IPv6   Network   Compliance  
Backup   Solaris   Rubrik   DORA

## Information Security Officer

### Threedium Ltd.

Oct 2023 - Jun 2024

London, United Kingdom

- Consulting in all questions about and around IT security.
- Support of the DevOps team.
- Integration of services in SSO infrastructure.
- Certificate audit: SOC2 and ISO27001
- Advice on all aspects of GDPR. Introduction of retention policies and data protection guidelines.
- Introduction of security guidelines.
- **Achievement: Implemented IT security measures that passed a SOC2 audit with zero non-conformities, securing key client contracts.**
- **Achievement: Integrated SSO infrastructure across multiple platforms, improving security and user experience.**
- **Achievement: Led the team in passing ISO27001 certification within a tight six-month deadline, which opened new markets for the company.**

Security Data Protection SSO GDPR ISO 27001 SOC 2 Atlassian Jira  
Atlassian Confluence Palo Alto Firewall Cisco VMware Windows Linux  
Microsoft Azure Incident Response Penetration Testing

## IT Security Consultant

### Deutsche Vermögensberatung AG

Jan 2019 - Sep 2023

Frankfurt am Main, Germany

- Consulting regarding any security topics, focus on server and networks.
- Support and strategy handling during a (large) security incident.
- Writing (security) policies and technical concepts.
- Automation vulnerability and incident management.
- Support for building IT architecture and strategy (including network architecture, cloud infrastructure, firewall concepts, etc.).
- Preparation and accompanying of penetration tests (including network, cloud, applications, Active Directory, etc.).
- Led and managed the Security Operations Center (SOC) team, overseeing daily operations, incident response, and continuous improvement of security processes.
- Security audits.
- Specialization in the areas of Linux and networking.
- IT security consulting also on Windows, Cloud (primarily Azure) and application development.
- Advice on data protection and certification issues (e.g. ISO27001, BSI Grundschrift, NIST framework, MITRE).
- **Achievement: Managed the response to a major security incident, coordinating efforts that minimized data loss and restored operations.**
- **Achievement: Developed and automated a vulnerability management system, reducing incident response time and increasing system uptime.**
- **Achievement: Implemented security policies that were later adopted as best practices company-wide.**

Security GDPR ISO 27001 BSI / NIS2 / NIST / MITRE ITIL Guidelines  
Atlassian Jira & Confluence Palo Alto / Cisco Microsoft Azure Microsoft Sentinel  
Microsoft Defender Microsoft 365

## Team Coordinator / System Architect

### Deutsche Vermögensberatung AG

Jul 2015 - Dec 2018

Frankfurt am Main, Germany

- Coordination (about 50%) and planning of resources of a (8 person) team.
- Focus of the team: e-mail, cloud storage, load balancing, proxy and DNS (all linux based).
- Debugging und solving of problems mainly in the area mail (but not solely).
- Consulting and implementation of IPv6, security topics, high-availability systems and more topics.
- Project part time management: data centre relocation, reconstruction of all servers.
- **Achievement: Coordinated a successful data center relocation project.**
- **Achievement: Led the implementation of IPv6 across the organization, future-proofing the network.**
- **Achievement: Improved team efficiency through the introduction of automated processes and resource management tools.**

Team Management   Atlassian Jira & Confluence   dovecot & postfix   Microsoft Azure  
IPv6   High-Availability   Load Balancing   Email   Cloud Storage   Proxy   DNS

## SKILLS & TECHNOLOGIES

### Security

ISO27001   SOC2   GDPR   NIST Framework   MITRE ATT&CK  
BSI IT Baseline Protection   Security Policies   Vulnerability Mgmt.  
Incident Response   Penetration Testing Mgmt.

### Infrastructure

Linux: Debian, Ubuntu, RHEL   macOS   Cloudflare   Resend   Supabase  
High Availability Systems   Data Center Operations   TCP/IP, DNS, DHCP   IPv6

### Tools & DevOps

Bash / Shell Scripting   Notion   Git   Cursor   Postfix / Dovecot   Bind / Unbound  
Squid Proxy   HAProxy   Caddy   Docker

### Management

Project Management   Team Leadership   Stakeholder Communication   IT Strategy  
Technical Concepts

### AI

Agentic AI   Multimodal AI   Causal AI   Lovable   OpenAI / ChatGPT  
Anthropic / Claude   Google / Gemini   xAI / Grok   AI Ethics & Governance

## FEATURED PROJECTS

### Secure Email Archive

Led the coordination, architecture, and implementation of a legally compliant enterprise-wide email archiving solution for more than 50,000 users. The system ensures immutable storage of all communication for over 10 years, meeting strict regulatory and auditing requirements. Based on open-source technologies, the archive was designed with scalability, redundancy, and long-term maintainability in mind. Integrated monitoring, indexing, and full-text search enable efficient retrieval of historical correspondence.

dovecot   postfix   Linux   CentOS   Compliance

### AI-Supported Case Management

Designed and implemented a system to support the processing of cancer-related cases using AI. The platform integrates secure data handling, structured workflows, and AI-based assistance to prioritize, analyze, and streamline case management. This ensures faster response times and improved quality in handling sensitive medical and legal information.

Agentic AI Workflow Case Management Data Protection Automation

### SOC 2 & ISO 27001 Certification

Led the successful implementation of SOC 2 and ISO 27001 compliance frameworks, establishing robust information security policies and controls to meet industry standards and ensure data protection.

SOC 2 ISO 27001 Information Security Compliance

### EU AI Act Training Platform

Designed and developed a modular training platform covering the EU Artificial Intelligence Act (EU AI Act). The course provides a structured learning path with interactive slides, voice narration, and integrated quizzes to ensure a clear understanding of the regulation's scope, risk-based framework, and compliance implications. The platform includes five sections — from fundamentals to governance, risk categories, and real-world applications — and was built with future expansion in mind to accommodate upcoming modules on data protection, ethical AI, and technical implementation guidelines.

EU AI Act Compliance Training AI Governance E-Learning Education Platform

### Zero-Config IPv6 VPN Network

Designed and implemented a secure, zero-configuration VPN network leveraging IPv6 as the foundation for global connectivity. The solution enables seamless peer-to-peer communication without manual setup, NAT traversal, or complex provisioning, while ensuring strong encryption and modern authentication mechanisms. By combining simple rules with advanced security controls, the network architecture provides resilient, scalable, and privacy-preserving access across distributed environments.

IPv6 Zero-Config VPN Encryption Authentication

### Backup Infrastructure Modernization with Rubrik

Modernized the existing backup infrastructure by implementing Rubrik's enterprise backup solution, enhancing data protection, reducing recovery times, and simplifying management across hybrid environments.

Rubrik Backup Data Protection Hybrid Cloud

### Automated Document Management with OCR and AI Categorization

Developed a private system to digitize all personal documents and letters using OCR technology. Integrated AI-based classification to automatically sort documents into predefined categories, enabling efficient search, retrieval, and archival. Additionally, implemented automated analysis to detect tax-relevant documents for income tax purposes and tag them accordingly.

OCR AI Categorization AI Agent Document Management Automation