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Professional Experience & IT Projects

Global Project Footprint (4 Continents): Germany, USA (8-year residency), Australia, USSR, UK, Belgium, France, Spain, Denmark, Saudi Arabia, Dubai, Qatar, Oman, Lebanon, Mozambique, Egypt, Turkey, Serbia, Poland, Norway, Sweden, Romania, Austria. *(Note: This list excludes leisure travel; all locations represent professional engagements.)*

Project Scope: Engagements consisted of specialized Training, IT Architecture/Design, Level 3+ Troubleshooting, and Configuration Optimization.

- **Deployment:** Primarily on-site, with some remote components.
- **Company Scales:** Ranging from boutique firms (15 employees) to large-scale enterprises (e.g., 2,000 users across 11 floors) and global corporations with 160,000 users across 100 countries (SAP implementation).

Core Achievements & Certifications

- **CCIE #1561 (Routing & Switching):** Certified since 1995.
- **Certified Cisco Instructor:** Since 1993.
- **Proprietary CCIE Bootcamps:** Developed and led intensive training for participants from 74 countries; successfully guided hundreds of candidates to pass the CCIE exam.
- **US Army Qualification:** Developed a qualification program and conducted examinations for US Army System Administrators.
- **Cisco TAC Training:** Commissioned by Cisco TAC (Brussels, Paris, and London) to train their System Engineers via the SEDW (System Engineers Design Workshop)—a curriculum developed exclusively for TAC engineers.
- **Mergers & Acquisitions:** Facilitated IT infrastructure alignment and harmonization during major mergers (e.g., EY Denmark and KPMG Denmark)

Select Client List

- **Tech & Consulting:** Cisco, IBM, Siemens, Fujitsu, Dimension Data, AT&T GIS, EY.
 - **Government & Defense:** The White House (White House Communications Agency), various German Federal Authorities, NATO/Western Military Units (US Air Force, Army, and Marine Corps; Turkish Air Force).
 - **Automotive:** Audi, Volkswagen, Allianz.
 - **Telecommunications:** Deutsche Telekom, Swisscom, BT (UK), Portugal Telecom, Telstra (Australia), Orange (France), T-Mobile (Sweden).
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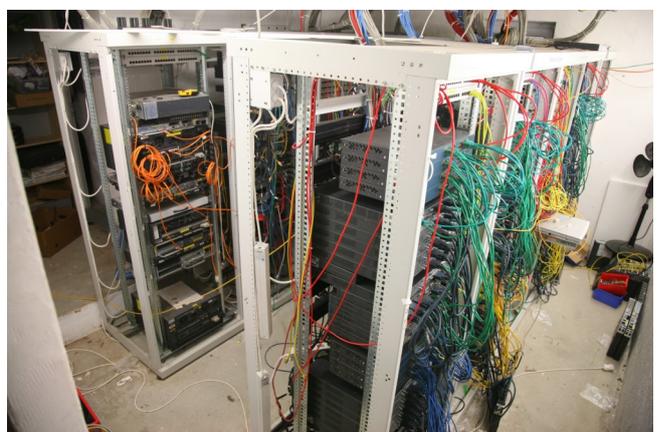
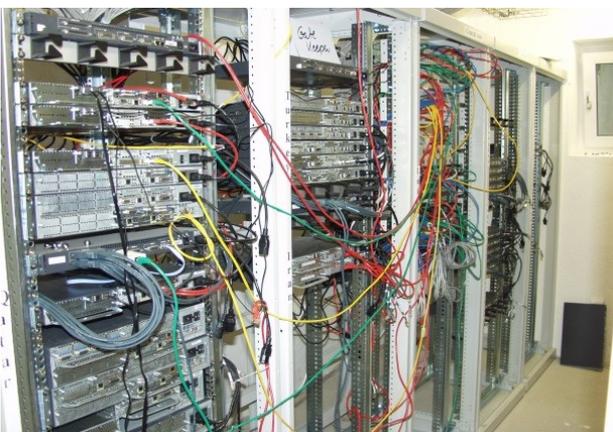
Technical Expertise & Infrastructure

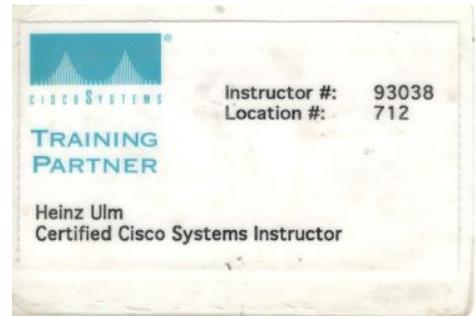
Applied Networking Technologies:

- **Physical/L2:** Cabling, Cabinet Building, Patching/Crimping, Ethernet, Bridging, Switching, STP.
- **Legacy/WAN:** ATM, SONET/SDH, Frame Relay, Token Ring, X.25, FDDI, HDLC, PPP, ISDN.
- **Protocols/Routing:** IPv4, IPv6, MPLS, HSRP, VRRP, RIP, OSPF, IGRP, EIGRP, IS-IS, BGP, EGP.
- **Specialized:** Multicast (DVMRP, PIM), QoS (RSVP, RTP), Security (OpenVPN), AppleTalk, DECNET, IPX, DNS.

Private Lab Infrastructure: Maintain a private data center (dedicated building) for training and problem reproduction (non-production).

- **Hardware:** ~180 physical Cisco routers and switches housed in 21 cabinets.
- **Servers:** ESXi and VM workstations; various Linux environments (Ubuntu, Debian, Tails).





Professional Chronology (Last 8 Years)

Period	Project / Role
2024 – 2025	IPv4 to IPv6 Migration: Led migration for 18 German Federal Authorities. (Security clearance: SÜ2 verified).
2022 – 2023	Cloud Development: Co-developed a workshop on "Digital Self-Defense & Sovereignty." Built and operated a Debian-based pilot cloud for corporate infrastructure.
2021	Medical Leave: Hospitalization due to Covid-19 (Intensive Care); suffered a stroke with right-sided paresis, followed by several weeks of successful rehabilitation.
2020 – 2021	Level 3 Support – Bavarian Justice System: Supported IT for all Bavarian courts, judges, prosecutors, police stations, and prisons. Optimized/troubleshoot 2,000 Cisco switches.
1995 – 2020	Lead CCIE Instructor: Operated proprietary training centers in the USA, Germany, and Spain. Conducted ~6 three-week intensive bootcamps annually.
2019	L3 & Operations Support: Volkswagen (Dresden and Zwickau plants).
2018	L3 & Operations Support: Audi (Ingolstadt).
2017	Network Standardization: Vulnerability analysis and standardization for Vibracoustic-Trelleborg across 50 global locations.

References

- **Ronald Cichon**, Manager, Fujitsu Technology Solutions.
- **Heiko Groeger**, Quadruple CCIE, Consultant (Airbus Brussels).
- **Martin Klabl**, Systems Specialist, DLR (German Aerospace Center).
- **Dr. Bill Miller**, Security Consultant, Vodafone Ltd.
- **Dipl.-Ing. Christoph Kumpa**, CCIE #6295, Engineering Bureau Kumpa.

International References (English Speaking):

- **Vijay Veerla**, Global Senior Director, Cisco Systems APAC.
- **Jelena Kljucic**, Cisco EMEA Privacy Officer.

- **Norron Lee**, CIO, Arlington County, Virginia.
- **Eric Sparks**, (Ret.), US Cyber Command.
- **Jason Best**, Operations Manager, British Telecom (Riyadh).
- **Marius Keown**, CCIE, T-Systems South Africa.
- **Dr. Stephen Hall**, British Telecom (UK).



This is a formal translation of the security clearance confirmation email into English:

Email dated February 20, 2026:

Dear Mr. Ulm,

I hereby confirm that you underwent a **Level 2 Security Clearance (SiÜ Ü2)** through the **BMV** (Federal Ministry of Transport) in 2024, specifically regarding **sabotage protection**, which remains valid.

The employer for your new project is welcome to contact me directly should this email be insufficient for their requirements.

With kind regards,

Sabine Hass

Federal Ministry of Transport

Sabine Hass Deputy Security Officer for Personnel Security

Ref. GJu – Security Clearance

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Translator's Note on Terms:

- **SiÜ Ü2 (Sicherheitsüberprüfung Ü2):** This corresponds to a "Secret" level clearance in international standards.
- **Sabotageschutz (Sabotage Protection):** A specific vetting category in Germany for individuals working in critical infrastructure or security-sensitive areas.
- **BMV:** While the snippet uses "BMV," this typically refers to the *Bundesministerium für Digitales und Verkehr* (BMDV).

