

SAMUEL SCHMIDT

SYNTHESIS

PROFESSIONAL SUMMARY

Senior Network Architect with more than 30 years of experience designing, transforming, and operating enterprise, service provider, and data center infrastructures. Proven expertise in network architecture, SD-WAN, hybrid cloud connectivity, data center modernization, network security, and large-scale routing infrastructures.

Experienced in leading architecture and transformation projects for global organizations across financial services, telecommunications, manufacturing, healthcare, and media sectors. Strong background in translating business requirements into scalable, resilient, and secure network architectures while ensuring operational excellence and long-term sustainability.

Former Cisco Certified Systems Instructor (CCSI), with extensive international experience delivering complex infrastructure programs throughout Europe and the Middle East.

Certified Cisco Certified Design Expert (CCDE) and Cisco Certified Internetwork Expert Enterprise Infrastructure (CCIE #69612).

EXPERTISE

CORE COMPETENCIES

- Enterprise Network Architecture
- Data Center Architecture
- SD-WAN Architecture and Migration
- Hybrid Cloud Networking (AWS / Azure)
- Campus Network Design
- WAN Transformation Programs
- Routing Architecture (BGP, OSPF, IS-IS, MPLS)
- Network Security Architecture
- Zero Trust and Network Access Control
- Cisco ISE and Identity Services
- Data Center Fabrics (VXLAN EVPN, FabricPath, ACI)
- High Availability and Disaster Recovery
- Network Monitoring and Observability
- Technical Leadership and Governance
- Architecture Reviews and Design Authority
- Vendor and Stakeholder Management

TECHNICAL EXPERTISE

- Architecture & Design
- Enterprise LAN/WAN, SD-WAN, MPLS, Data Center, Cloud Connectivity, Security Architecture
- Data Center:
Cisco Nexus, VXLAN EVPN, FabricPath, Cisco ACI, MDS SAN
- Routing & WAN:
BGP, OSPF, IS-IS, MPLS, MPLS-TE, DMVPN, IPsec VPN, SD-WAN
- Security Cisco:
ISE, Firepower, ASA, IDS/IPS, NAC, Segmentation
- Cloud AWS:
Connectivity, Azure Connectivity, Hybrid Cloud Integration
- Monitoring & Analytics:
SolarWinds Orion, Cisco Prime, Savvius, Omnipack, PRTG, Nagios, Tivoli

PROFESSIONAL EXPERIENCES

SENIOR NETWORK ENGINEER – TRI-ANGLES CONSULTING, BELMONT

02/2019

- Lead architect and consultant delivering network transformation projects for multinational organizations.
- Key Achievements:
 - Defined and delivered hybrid cloud connectivity architectures for SGS across AWS and Azure environments.
 - Designed and implemented SD-WAN solutions supporting international business operations.
 - Led data center modernization and network rationalization initiatives.
 - Developed WAN and DMVPN architectures for geographically distributed sites.
 - Established network governance, monitoring, and documentation frameworks.

NETWORK ENGINEER – SRG SSR, GENEVA, LAUSANNE, ZURICH

02/2017

- Designed and delivered a new data center architecture based on VXLAN and modern segmentation principles.
- Architected and implemented a new FabricPath-based data center infrastructure in Zurich.
- Designed hybrid WAN solutions supporting mobile broadcasting and event operations.
- Led nationwide MPLS optimization and modernization initiatives.

SENIOR NETWORK ENGINEER – UBP, GENEVA

08/2015 – 10/2016

- Designed and implemented a new Nexus-based data center infrastructure.
- Architected enterprise-wide Network Access Control using Cisco ISE.
- Designed resilient hybrid WAN architectures.
- Led migration from legacy security platforms to next-generation Cisco Firepower services.
- Delivered centralized AAA architecture for more than 700 network devices.

INDEPENDANT CISCO TRAINER AND CONSULTANT - BELMONT

01/2014 – 07/2015

- Developed advanced CCIE Enterprise and Service Provider training programs.
- Designed and built large-scale lab environments for advanced routing and architecture training.

SENIOR NETWORK ENGINEER – VAUDOISE ASSURANCES, LAUSANNE

11/2012 – 12/2013

- Designed a nationwide WAN architecture supporting more than 130 branch locations.
- Led migration from static routing to a scalable BGP architecture.
- Designed and delivered a Nexus-based data center infrastructure.
- Defined enterprise network management and monitoring architecture for more than 1,500 devices.
- Architected load-balancing services using Cisco ACE multi-context environments.

DATA AND SECURITY TEAM LEADER – BUSINESS SUNRISE, LAUSANNE

04/2011 – 10/2012

- Managed a team of network and security engineers.
- Acted as lead architect for customer transformation programs.
- Designed data center, security, routing, wireless, and collaboration solutions.
- Delivered data center architectures for EFG Bank, Assura, and Retraites Populaires.

HEAD OF NONSTANDARD NETWORK DEPARTMENT – TATA COMMUNICATIONS, DUBAI

04/2007 – 03/2011

- Led architecture and implementation teams supporting multinational customers.
- Designed large-scale MPLS, VPN, DMVPN, and service provider infrastructures.
- Architected Tata Communications' European backbone expansion.
- Delivered major data center migration projects for Jaguar Land Rover and Tetley.
- Designed Virtual Network Operator (VNO) platforms and managed services architectures.

NETWORK ENGINEER AND CISCO TRAINER - BLUE INFINITY, GENEVA

10/2002 – 03/2007

- Instructor for Cisco CCNA, CCNP, CCIP, CCSP and CCIE.
- LAN WAN Implementation including VoIP and security.
- Design and implementation QoS, Security, and load balancing for Blue Infinity customers.

EARLIER CAREER

- **NETWORK ENGINEER AND CISCO INSTRUCTOR**
BLUE INFINITY | 2002 – 2007
- **MICROSOFT AND CISCO TRAINER**
D&FI | 2001 – 2002
- **NETWORK ENGINEER**
ATML | 1993 – 2001

ENTREZ TOUT CONTENU QUE VOUS SOUHAITEZ REPETER, Y COMPRIS D'AUTRES CONTROLES DE CONTENU. VOUS POUVEZ EGALEMENT INSERER CE CONTROLE AUTOUR DES LIGNES POUR REPETER LES DIFFERENTES PARTIES D'UN TABLEAU.

FORMATION

EPSIC, LAUSANNE, CFC MECANICIEN AUTOMOBILE 1984 - 1988
EPSIC, LAUSANNE, CFC ELECTRONICIEN, 1988 - 1991
ECOLE D'INGÉNIEURS, FRIBOURG, CISCO ACADEMY CURSUS, 1991 - 1992
CISCO CCSI, 2001, RENEWED 2010 AND 2016
CISCO CCIE ENTREPRISE #69612 2025
CISCO CCDE 2025

LANGUAGES

FRENCH, MOTHER TONGUE
ENGLISH, B2 GOOD