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STAFFAN KERKER

CONTACT INFORMATION

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EMPLOYMENT

September 2015 - - **Splisado AB**

Owner / Founder / Consultant

- Voice over IP design, implementation and infrastructure
- Carrier and Enterprise SIP and VoLTE/IMS integration, trunking and interconnect
- SIP-I and ISUP/SS7 integration with SIP and 3gpp networks
- Technical specifications and procurement support
- Telco Cloud (NFV, SDN, virtualization)
- 5G
- IPv6 planning, migration and implementation
- Internet and infrastructure technologies
- IP Network design and implementation
- Network configuration and deployment automation

October 2013 - - August 2015 **Jowax AB**

Senior Consultant

- Voice over IP design, implementation and infrastructure
- Carrier grade SIP and VoLTE/IMS integration, trunking and interconnect
- SIP-I and ISUP/SS7 integration with SIP and 3gpp networks
- SIP / Network troubleshooting
- IPv6 planning, migration and implementation
- Internet infrastructure and technologies
- IP networks, services and solutions
- WebRTC
- Acme Packet / Oracle Session Border Controllers

June 2013 - - September 2013 **Oracle, Communication Global Business Unit (CGBU), Senior Sales Consultant, N-EMEA (Acquisition)**

- Voice over IP (SIP) design and implementation
- Carrier grade VoIP networks (IMS and non-IMS based)
- SIP / Network troubleshooting
- Acme Packet Session Border Controllers
- VoLTE

Aug 2010 -- May 2013 - **Acme Packet**

Systems/ Presales engineer, Professional Services, N-EMEA

- Voice over IP (SIP) design and implementation
- Carrier grade VoIP networks (IMS and non-IMS based)
- SIP / Network troubleshooting
- Acme Packet Session Border Controllers
- VoLTE

Jan 2008 - - Aug 2010 **Combitech AB**

Consulting Systems Engineer, MSc

- Voice over IP (SIP) design and implementation
- IP/TDM integration (SS7/ISUP, ISDN, SIP)
- IP network design and implementation (routing/switching)
- IP QoS (DiffServ)

Jan 2006 - - Dec 2007 **SAAB Communication (Saab Technologies)**

Consulting Systems Engineer, MSc

- Voice over IP (SIP)
- IP QoS (DiffServ)
- IP Networking (Routing, Switching)

Sept 2002 -- Dec 2005 **AerotechTelub AB (Saab Technologies)**

Consulting Systems Engineer, MSc

- Voice over IP (SIP)
- IP QoS (DiffServ)
- IP Networking (Routing, Switching)

EDUCATION

1998–2002 **Växjö University** Växjö

- Computer Science and Computer Engineering
- Master of Science, Computer Science

MILITARY SERVICE

1997–1998 **Swedish Armed Forces (SwAF), A3** Hässleholm

- Radio communications and mobile communications infrastructure
- Swedish Armed Forces TeleSystem 9000 (TS9000, Thales/Ericsson)

SPOKEN LANGUAGES

- Swedish, Native
- English, Fluent
- German, Good

CERTIFICATIONS, COURSES AND DIPLOMAS

- AWS Solution Architect Associate Certification (CloudAcademy, 2020)
- 5G Network Architecture (Apis, 2019)
- Openstack and virtualization (Apis, 2019)
- Software Defined Networks (Apis, 2019)
- Acme Packet Certified Professional – Network Engineer (NCP-N), 2012
- BGP (Internet Academy), 2008
- IPv6 (Internet Academy), 2008
- VPN Färist/PGAI (Swedish Armed Forces Certification), 2007
- Firewall Färist (Swedish Armed Forces Certification), 2007/2009
- Cisco IP Telephony (Global Knowledge), 2007
- Cisco IP Telephony Design (Global Knowledge), 2006
- SIP Advanced (IP-Solutions), 2006
- Cisco IP QoS (Global Knowledge), 2005
- Cisco CCNA (Global Knowledge), 2005
- DNS (Swedish Armed Forces Certification), 2004
- Zultys MX250 iPBX Product Training, 2003

SPECIAL AREAS OF KNOWLEDGE AND INTEREST

- Internet (infrastructure, architecture, security)
- SIP (Session Initiation Protocol)
- Voice over IP (Fixed, mobile)
- VoIP security (TLS, SRTP)
- IPv6
- DNS / DNSSEC
- BGP
- Carrier grade VoIP networks (design, integration, troubleshooting)
- SIP-I/ISUP/SS7 to SIP Interworking
- SIP trunking, enterprise and carrier grade
- Session Border Controllers (Acme Packet/Oracle and more)
- IP network design
- IP network and system robustness
- IP QoS

SPECIAL WORK REFERENCES

- SIP B2B and B2C solutions, design, deployment and operations, Tele2 Sweden, 2015-
- Remote Air Traffic Control Tower IP network design, automation and deployment, Saab, 2017 -
- NG112, Solution design, documentation and technical procurement support, SOS Alarm, 2017 -

- Publication, “Förmedling av tal över IP” (Splisado AB / Kirei AB), 2015
- SIP Interconnect and SIP trunking service design and deployment for multiple major Scandinavian mobile and fixed services providers, 2013 -
- IPv6 migration planning and deployment, 2013 -
- Carrier grade voice access, peering and interconnect solutions, Acme Packet
- Session Border Controller projects, 2010 -
- Carrier grade VoLTE trial, 2012 - 2013
- Social Care Alarm Internet Protocol (SCAIP), branch standardization, Swedish Institute of Assistive Technology, 2012 - 2013
- VMA (Authority to citizen alert) over Internet, Swedish Civil Contingencies Agency, 2009 - 2013
- Speaker at Internetdagarna 2008, SNUS SIP compatibility testing
- VoIP, regarding 112 calls over Internet, SOS Alarm, 2008 - 2009
- SIP compatibility testing, SNUS (Swedish Network Users Society), 2007 - 2009
- GLU/NTSG VoIP and robust IP networking including BGP, anycast and failover solutions, Swedish Post and Telecom Agency 2007 - 2010
- Teacher, SIP Advanced, IP-Solutions, 2006 -
- VoIP in Nordic Battle group '08, FMV, 2006
- FMLS2010 (LedsystIT), Saab Ericsson NBD Innovations (SENI), 2005 - 2008
- VoIP and mobile command IP infrastructure, SSM (Swedish Radiation Safety Authority), 2005 - 2010
- Help staff SipIT 17, Stockholm, 2005
- VoIP in Swedish Armed Forces fixed network, including SS7/SIP integration, ENUM-routing, SIP core functionality, technology migration as well as subscriber migration, FMV, 2002 – 2010

SHORT PERSONAL LETTER

I've been working with IP and Internet based networks and communications since 2002. Before that I studied Computer Science at Växjö university, Sweden. I graduated with a Master of Science (MSc) in 2002 and started working at AerotechTelub in Växjö. After a few years that company changed name to Saab Communication and again, a few years later to Combitech AB. After eight years as consultant I started working for Acme Packet as a Systems / Sales Engineer within the EMEA Professional Service team of Northern Europe. My role was a mix between Systems and Sales Engineer covering Acme Packet products, technologies and technical presale as well as helping customers with design, implementation and troubleshooting of VoIP system solutions. Oracle acquired Acme Packet in June 2013 and after a few months I left Oracle to start working as a consultant for a smaller local consultancy company. Yet another two years later I started my own IT consultancy business, Splisado AB, continuing working in the same area of technology together with existing and new customers.

As a senior consultant I continued to work together with multiple major Scandinavian mobile and fixed service providers to design, support and deploy SIP trunking, SIP interconnect services and solutions as well as core SIP routing architectures. Additionally, I got engaged in other Internet and IPv6 related projects providing planning, design and deployment support for different customers and networks.

As a (consulting) systems engineer I've always been working with different projects, technologies and customers in parallel. Projects typically are in the form of IP network design and implementation as well as VoIP network design, specification, implementation, troubleshooting and migration. Customers range from smaller

private companies to large telecom operators to government agencies. I'm used to having direct contact with product suppliers as well as customers and end users. During my recent years, main customers are typically major carrier grade fixed and mobile operators in the Scandinavian region.

I'm used to talk in front of people and usually enjoy doing so. From time to time I act as teacher/trainer for advanced SIP and IP/Internet courses as well as dedicated design and product workshops.

Apart from working as a technical consultant and engineer I do some music production, live music performance, and song writing. When I'm not working with Internet and IP networks, computers, phones or music I'm trying to do as much sailing and skiing together with friends and family as possible.