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## STAFFAN KERKER

### CONTACT INFORMATION

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### EMPLOYMENT

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September 2015 - - **Splisado AB**

**Owner / Founder / 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
- Enterprise VoIP/SIP integration and implementation
- Technical specifications and procurement support
- Acme Packet / Oracle Session Border Controllers
- IPv6 planning, migration and implementation
- Internet and infrastructure and 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/ Pres Sales 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

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1998–2002      **Växjö University**      Växjö

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

## MILITARY SERVICE

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

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

## SPOKEN LANGUAGES

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

## CERTIFICATIONS AND DIPLOMAS

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- 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

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- Internet (infrastructure, architecture)
- SIP (Session Initiation Protocol)
- IPv6
- DNS / DNSSEC
- BGP
- Carrier grade VoIP networks (design, integration, troubleshooting)
- SIP-I/ISUP/SS7 to SIP Interworking
- Carrier SIP/SIP-I Interconnect
- SIP trunking, enterprise and carrier grade
- WebRTC
- VoLTE integration / troubleshooting
- IMS and non-IMS VoIP Core deployments / troubleshooting
- VoIP design in fixed and mobile tactical IP networks
- VoIP security (TLS, SRTP)
- Session Border Controllers (Acme Packet)
- IP network design in fixed and mobile tactical networks
- IP network and system robustness
- IP QoS design in fixed and mobile networks
- Commercial VoIP products (e.g. Cisco, Snom, Ubiquity, Alcatel, Zultys, Acme Packet, Broadsoft, Microsoft)
- OpenSource solutions (e.g. pfSense, Bind, Unbound, Courier, Postfix, Apache, Netem)
- IP network equipment (Cisco, Dell)
- Loadbalancing/Failover equipment (Radware)
- SwAF VPN PGAI
- SwAF Firewall Färist

## SPECIAL WORK REFERENCES

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- SIP B2B and B2C solutions, deployment and operations, Tele2, 2015-
- Remote Air Traffic Control Tower IP network design, automation and deployment, SAAB, 2017 -
- NG112 SOS Alarm, Solution design, documentation and technical procurement support, 2017 -
- SIP Interconnect and SIP trunking service design and deployment for multiple major Scandinavian mobile and fixed services providers (information on request), 2013 -
- IPv6 migration planning and deployment (information on request), 2013 -
- Carrier grade voice access, peering and interconnect solutions, Acme Packet Session Border Controller projects (information on request), 2010 - 2013
- 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. Automation tools like Ansible and Jinja2 templating has become part of recent project deployments.

As a (consulting) systems engineer I've always been working with many 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 and military 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 a big fan of open Internet standards and areas like network neutrality; open services available to everyone and Internet technologies and services interest me a lot. I'm trying to stay up to date with the IETF standardization process in interesting areas such as SIP and WebRTC.

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.

A part 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.