



BENSON SCHLIESSER

ADDRESS

3686 Bellerive Blvd.
St. Louis, MO 63116
US

PHONE

+1.314.814.2571

EMAIL

bensons@queuefull.net

WEB

<http://www.queuefull.net/~bensons/about/>

Summary

Internet & network technology subject matter expert; service provider thought leader with a unique skill set. Expert in the design of IT infrastructure for highly performing, flexible, available, and scalable environments. Technical architect with both theoretical and practical knowledge.

More than 15 years of professional experience, much of that spent developing infrastructure and products for Internet, Hosting / Data Center, and Cloud service providers. A proven record of successful large-scale technology projects. Trusted leader, self-motivated contributor, creative team-player; unafraid of challenging the status quo.

Objective

Ideal employment is in technical thought leadership, remaining close to the development of new technology while being responsible for strategy and planning. The ideal environment would encourage creativity and the exploration of new ideas, challenge with original and interesting problems, and demand the very best of every contributor. The ideal employer would be interested in growth and market leadership.

Areas of Expertise

- Network Architecture
- Cloud Computing
- Data Centers
- Internet Infrastructure
- Service Provider Operations

Recent Experience

TECHNICAL VICE PRESIDENT, OFFICE OF THE CTO

SAVVIS INC. (JUNE 2006 - PRESENT)

Network technology leader in the Office of the CTO, reporting directly to the Chief Technology Officer. Provide technology leadership of all network-related activities.

Responsibilities Include

- Strategy and Planning
- Product Portfolio Leadership
- New Technology Evaluation
- Competitive Intelligence
- M&A support

Significant Accomplishments

- **Designed and deployed Savvis' Cloud 2.0 network environment**
\$1.2M project based on Cisco Nexus switches, supporting Fibre Channel over Ethernet (FCoE) and dense Virtual Machine (VM) deployment with 10Gig Ethernet
- **Developed a virtualized private DNS platform for Cloud services**
fully-automated secure name services for Cloud customers
- **Researched and designed Savvis' Next-Generation Network (NGN)**
\$30M+ project based on Cisco CRS routers, providing QoS-enabled MPLS services worldwide, supporting over \$300M of revenue per year

SENIOR NETWORK TECHNOLOGIST, OFFICE OF THE CTO

SAVVIS INC. (APRIL 2004 - JUNE 2006)

Member of the Advanced Planning team, responsible for technology leadership representing the Office of the CTO.

Responsibilities Included

- Product Portfolio Leadership
- Infrastructure Technical Architecture
- New Technology Evaluation

Significant Accomplishments

- **Designed version 2.0 and 2.1 of the datacenter network environment**
the Hosting Area Network (HAN), based on Cisco 6500 and 7600 platforms, deployed across Savvis' nearly 30 datacenters worldwide
- **Developed a uniform edge aggregation architecture with Layer-2.5 QoS capabilities**
supporting last-mile customer WAN connections over ATM/FR, POS, and Ethernet
- **Integrated acquired Cable & Wireless Internet services into Savvis' portfolio**
selected platforms and products for on-going business, documented updated service standards, consolidated provisioning operations

DIRECTOR OF RESEARCH & DEVELOPMENT

SAVVIS INC. (JULY 2001 - APRIL 2004)

Managed a small team of engineers, responsible for the development of network service products and platforms. Reported directly to the VP of Engineering.

Responsibilities Included

- Network Product Engineering
- Infrastructure Technical Architecture

Significant Accomplishments

- **Developed a global Remote Access / dial-up services network**
deployed 24 nodes (Nortel CVX) and proprietary RADIUS software, using Layer-2 Tunneling Protocol (L2TP) to connect users to VPNs
- **Developed the standard QoS architecture for all Savvis network products**
designed the "QoS Matrix", still in use today
- **Designed a DSL aggregation network for multi-tenant buildings**
using ATM-based DSLAMs and wireless backhaul (radio and line-of-sight optical)
- **Contributed to the architecture of Savvis' first datacenter network environment**
coined the Hosting Area Network (HAN), supporting both greenfield and acquired datacenters

SENIOR NETWORK ENGINEER

SAVIS INC. (JULY 1999 - JULY 2001)

Senior member of the Network Engineering team.

Responsibilities Included

- **Network Backbone Engineering**
- **Network Technical Architecture**

Significant Accomplishments

- **Researched and planned the deployment of a domestic-US fiber backbone**
\$150M+ project, based on Nortel DWDM optical platform
- **Contributed to the deployment and management of a global virtual-router network**
deployed over 80 nodes (Nortel Shasta), in support of Sawis' first Layer-3 VPN service, independently developed configuration archival and reporting software
- **Integrated two distinct ATM networks following business acquisition**
consisted of hundreds of Lucent ATM and FR switches supporting tens of thousands of customer connections and all backbone connectivity

Prior Experience

SENIOR SYSTEMS ENGINEER

SAVVIS INC. (MAY 1999 - JULY 1999)

Member of the Engineering team responsible for the management of all Unix-based services, including NMS / EMS platforms, mail servers, and customer DNS services.

SYSTEMS PROGRAMMER

INLINK COMMUNICATIONS (AUGUST 1998 - APRIL 1999)

Responsible for development and support of customer portal and back-office software systems, supporting over 4,000 customer users.

WEB PROGRAMMER

INLINK COMMUNICATIONS (APRIL 1998 - AUGUST 1998)

Complimented the creative & web design staff with back-end software development, such as the creation or customization of shopping-cart platforms, online catalogs, and user management tools.

SENIOR SUPPORT ENGINEER

INLINK COMMUNICATIONS (JANUARY 1998 - APRIL 1998)

Acting manager of night-time support staff and operations. Responsible for escalations of all network, systems, and customer issues.

SYSTEMS ADMINISTRATOR

UNIVERSITY OF MISSOURI - ST. LOUIS (OCTOBER 1997 - MARCH 1998)

Supported UMSL's Computational Chemistry Lab. Responsible for administration of all hardware and software in support of post-doctoral staff and graduate student research.

CO-FOUNDER AND NETWORK SYSTEMS ENGINEER

BPC INTERNET (JANUARY 1995 - APRIL 1997)

Co-founder of this local dial-up ISP. Designed, implemented, and operated all technical aspects of the business supporting nearly 1,000 users.

Education

- Washington University, Olin Business School — Executive Education, Leading Innovative Teams, December 2009
- University of Missouri - St. Louis — Attended, 1997-1998, 2003

Publications, Presentations, & Works in Progress

- M. Morrow, M. Geller, & **B. Schliesser**, “Deconstructing the Cloud: Evolving to Intercloud”, Work In Progress, Cisco Press, TBD.
- B. Lozano, **B. Schliesser** & S. Mandava, “Enterprise Use-Case Roundtable”, CloudCamp St. Louis Conference, December 2009.
- M. Morrow, **B. Schliesser**, et al., “Panel: Emerging Technologies and Business Architectural Impact”, MPLS 2009 Conference, October 2009.
- **B. Schliesser** & T. Nadeau, “Definition of Textual Conventions for Virtual Private Network (VPN) Management”, IETF RFC 4265, November 2005.
- S. Hares, P. Muley, K. Patel, L. Fang, **B. Schliesser** & N. Bitar, “Co-operative Route Filtering capability for BGP-4”, IETF 64 Conference - Presentation to the IDR Working Group, November 2005.
- S. Hares, P. Muley, K. Patel, L. Fang, **B. Schliesser** & N. Bitar, “Co-operative Route Filtering capability for BGP-4”, Work In Progress, IETF Internet-Draft draft-muley-idr-orf-order-02, October 2005.
- J. Laria, E. Stelzer, S. Hancock & **B. Schliesser**, “Virtual Router Management Information Base Using SMIv2”, Work In Progress, IETF Internet-Draft draft-ietf-l3vpn-vr-mib-04, July 2005.
- A. Nagarajan, J. Sumimoto, M. Suzuki, P. Knight & **B. Schliesser**, “Applicability Statement for Virtual Router-based Layer 3 PPVPN Approaches”, Work In Progress, IETF Internet-Draft draft-ietf-l3vpn-as-vr-01, February 2004.

Memberships and Other Experience

- Organizer, St. Louis Cloud Computing Users Group – 2009 - Present
- Organizer, CloudCamp St. Louis – 2009
- Member, BIND Forum – 2009 - Present
- Participant, LISP Beta Network - Research Project – 2008 - Present
- Field Assistant, Galapagos Islands, Oxford University Centre for the Environment – 2007
- Participant Member, ARIN – 2006 - Present
- Member, IEEE Communications Society (ComSoc) – 2005 - Present
- Participant, NANOG – 2000 - Present
- Participant, IETF, multiple working groups – 2000 - Present
- Member, Internet Society (ISOC) – 1999 - Present
- Member & Volunteer, St. Louis Unix Users Group – 1998 - 1999
- Student Member, Waterloo, IL School District, Technology Planning Committee – 1994 - 1996