

EXECUTIVE SUMMARY

William S Greene is universally known by the nickname ‘**Wedge**’. Wedge is a customer focused technical architect, strategic business analyst, and distributed systems designer. He is a senior technical executive with thirty years’ experience spanning Government consulting, IT, Supply Chain, and Telecommunications Industries. Currently he works as a systems design architect with contributions in multi-organizational collaboration, cloud computing interoperability, tactical service infrastructure, distributed messaging systems, Operation Support Systems (OSS), rapid response, survivable service networks, and shared global services. Wedge, supported by sound architecture and formal methodologies, advances the use of autonomies, distributed computing, Software-defined Data Center, NFV/SDN, security, cloud computing architecture, messaging, internet middleware, component architectures, virtualization, SOA, and business service grids.



Mr. Greene participated in the creation of the Internet with starting roles on teams led by Vint Cerf, Dave Russell, and David McDysan. He participated in the full lifecycle (standards, design, development, and deployment) for data network technologies including: switched data circuit, Frame Relay, ATM, IP routing & management, the commercialization of the internet, the earliest hosting and eCommerce services, multimedia networks, integration of international data networks, advanced intelligent data services, Next Generation Networks (NGN), MPLS, SIP, IMS, INMS and 3GPP. He helped lead advances in telecom support system architectures including: SNMP, email, automated collection and reporting systems, automated provisioning, vertical OSS integration, horizontal OSS/BSS integration, near-real-time OSS, QoS, tML, NGOSS/Frameworkx, service package provisioning, BOSS, and most recently Distributed Clouds, Autonomic Networks and Autonomic Communications.

- ✓ 5 years consulting for the DoD with Secret Clearance and SIPRNet access.
- ✓ Co-inventor of the *Service Ecosystem*, the trans-enterprise SOA service grid which paved the way for cloud computing. Currently granted nine foundation patents: #s 6868441, 6922685, 7194543, 7401131, 7428723, 7802264, 7822781, 7856486 & 8676624.
- ✓ *Contributing Editor* with 25 articles at Pipeline [<http://pipelinepub.com/>]. About 8,000 readers: see <http://www.wedgegreene.com/Articles/articles.html>
- ✓ Launching CTO at two startup companies. Advisory board for several startups.
- ✓ As part of a program to save several billion \$ in annual operating expenses for MCI WorldCom; proposed, invented, led development, and proved feasibility of a revolutionary approach to Operations, system integration and network management.
- ✓ “*Father of NGOSS*”: Proposed and initiated the TeleManagement Forum’s (TMF) New Generation Operations Systems Software (NGOSS). NGOSS [now called Frameworkx] solved the OSS integration problem through reusable infrastructure, common data modeling, and plug-and-play business components. Elected to the TMF Board of Directors from 1999-2002 and served as a Board Advisor to the TMF until 2007 where he piloted the reinvention of its technical program.
- ✓ Vice Chair of IAB for the Center for NSF Cloud and Autonomic Computing. Chaired or keynoted numerous international conferences as a telecom futurist. Subject of NetEconomy magazine cover story in September 2001



STRATEGIC SKILLS AND SPECIALIST KNOWLEDGE

- **Technical Architect:** modeling integrated network, computer, and service systems; most recently in SysML for DoDAF UPDM modeling in MagicDraw. Also UML 2.0 and BPM.
- **Architecture and design** for Mission Partner Environment, Tactical DIL services, JIE, service level agreements, and other Defense environments.
- **Systems Architect:** experienced in SDDC, clouds, autonomics, PaaS, SaaS application design and integration; product architecture: feature creation, specification, implementation, test, and delivery.
- **Inventor** – nine basic patents on cloud computing, OSS/BSS architecture, & operations design.
- **Data Architect:** experienced in semantics, data modeling, and data driven integration. SID extensions.
- **Strategic Analysis:** problem identification, decision analysis, decision trees, risk assessment.
- **Telecom Industry analyst:** around 200,000 words in 25+ published articles. Industry bellwether.
- **Communications:** strong verbal and writing skills; publication in trade journals, analyst's reports, web-media, corporate TV; white papers and book collaborations.
- **Business Analyst:** BPM: experienced in process design & improvement – requirement's capture, goal assessments, process documentation; implementation planning, product evaluation, roll out, and service trials. eTOM extensions.
- **Enterprise IT architecture:** infrastructure design, re-engineering, process and tool improvement – service level design, shared services design, service communication & integration, security, & survivability.
- Systems and business knowledge across nearly all areas of **telecommunications:** products, networks, routing, signaling, protocols, architecture, processes, operations, and services. NOGSS/Frameworkx.

CONSULTING PROJECTS AND EMPLOYMENT

Pipeline Publications [current]

Contributing Editor: “Designed to present communications service providers with critical industry information... The world's leading communications providers and industry suppliers turn to Pipeline.”

Soliel LLC, Reston, VA December 2010 – present

Director of Network Management and Internet Middleware: Providing consulting on JRSS MPE, JIE, NGOSS, Autonomics, SLAs and Network Performance Systems for NetOps; Internet Middleware Services; messaging systems; Mail systems in DIL environments, and cloud services and management.

- Consulting: architecture capture toward created JIE DoDAF UPDM model for JRSS Mission Partner Environment (MPE). On the MPE IDT. DoD CIO, COCOMs, DISA
- Consulting: architecture for providing cloud services. DISA (with NIST).

- Consulting: messaging systems in DIL environments, On the Tactical eMail IDT. DoD, DISA, Army.
- Consulting: NGOSS Frameworks and Autonomics for NetOps. DISA.
- Consulting: SLA Frameworks and NetOps. DISA.

CollinWeb LLC [DBA: Finegrain Associates], Fairview, TX Feb 2009 – 2010

Managing Director: Developed architecture and design for multiple clients covering support-systems automation, product features and associated value-models.

LTC International, Richardson, TX (June 2006 – Nov 2008)

Strategic Analyst & Chief Architect: executive OSS/BSS consulting and product design for service providers and their major vendors; industry analyst and writer.

FineGrain Networks, Ltd, Dallas, TX (Aug 2004 – May 2006)

CTO and Founder of an early stage startup with seed funding from Seven Rosen Bayless. FineGrain was building Collaborative SOA applications for service grids.

Mission Assurance Corporation, NYC (Sept 2002 – July 2004)

CTO of Mission Assurance Corp. Designed the technology and products for this startup in Security, RFID Middleware and supply chain integration.

12 years continuous employment via mergers and seconding at MCI, BT, Concert, WorldCom:

WorldCom, Inc, Richardson, TX (1998–2002): Distinguished Technical Member, Chief Architect Next Generation Operating Support Systems.

Concert PLC, Ipswich, England & Richardson, TX (1998): Chief Architect Systems: Multimedia and Data Division.

MCI, Richardson, TX (1993 – 1998): Advisory Engineer: *promoted from Senior Engineer I to Senior Engineer II to Advisory Engineer*. Responsible for OSS architecture of Next Generation Networks (NGN) and support systems for NGN products.

Consultant to MCI in Pentagon City, VA. (1990 – 1992) Original founding team for (then proposed) MCI Data.

Extensive prior work in IT and Communications from 1980 to 1993.

EDUCATION & PERSONAL INFORMATION

- Secret clearance.
- University of Maryland; Doctoral program: 3 years as Graduate Assistant and instructor (1975-1978); ARPAnet user, departed without degree award.
- Revelle College, University of California, San Diego, La Jolla, CA (1972 - 1975); B.A. High Honors (top 10 of graduating class); Special Projects Major in the Science, Technology and Public Affairs (thesis under past presidential science advisor Dr. Herbert York).
- Fellowship under Dr. Vera Rubin, Carnegie Institute of Washington (1971)

- Born 1952, USA citizen by birth, married, 3 kids. Secret clearance.
- Address: 8501 Aqueduct Rd, Potomac, MD 20851 USA