

Curricula Vitae

Kenneth J. Silva, Jr.

21345 Ridgetop Circle
Dulles, VA 20166

Age: 49

Citizenship: US

Education

- 1994-1996: George Washington University
Graduate Certificate in Telecommunications Analysis
- 1985-1993: University of Maryland
Studies in Computer Science and Business Management
- 1980-1990: Community College of the Air Force
Studies in Communications Technology

Employment

April 2000 – Present: VeriSign Inc., Dulles, VA
Senior Vice President and Chief Technology Officer

- Responsible for all operations, architecture, and Platform Product Development.
- Define technology strategy for networking, SS7, messaging, content delivery, security, and corporate IT technologies.
- Developed cloud-based DDoS mitigation product and strategy.
- Responsible for overall design and development of DNS resolution services.
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June 1991 – April 2000: National Security Agency, Fort Meade, Md.
Technical Director

- Responsible for overall technical direction of organization.
- Developed new algorithms for signal/network processing.
- Information and Communications Security strategy.
- Design mission critical processing systems.
- Implement encryption technologies at all level levels.
- Conduct analysis of complex telecommunications systems
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May 1980 – May 1991: United States Air Force
Senior Signals Analyst

Expertise

- Network and IT security
- Mission critical systems design
- Networking
- Domain Name Systems
- Disaster recovery/Business Continuity

Professional Memberships

2001-Present: **Board, Board** of Directors, Information Technology Information Sharing and Analysis Center (IT-ISAC)

2002-Present: Chairman, Internet Security Alliance

2002-2009: National Reliability and Interoperability Commission (NRIC)

2002-Present: National Stability Telecommunications Advisory Committee (NSTAC)

2010-Present: Enduring Security Framework (ESF) Operations Committee

2002-2004: ICANN Security and Stability Advisory Committee

Teaching

1995-2000: Adjunct Faculty, Naval Postgraduate School, Monterey, Ca

- Spread Spectrum Communications
- Internet Networking

1988-2000: Adjunct Faculty, National Cryptologic School, Fort Meade, Md

- Coding Theory
- Spread Spectrums
- Advanced Signals Analysis Techniques
- Waveform Analysis
- Satellite Communications Theory
- Communications Security

Awards

- 2010: InfoWorld Top 25 CTO's of 2009
- 2010: SC Magazine Europe, Network Security Product of the Year
- 2007: SC Magazine CSO of the Year Finalist
- 2000: National Security Agency, Deputy Director of Operations Medallion
- 1996: National Security Agency, Director's Productivity Improvement Award
- 1989: National Security Agency, Scientific Achievement Award
- 1989: Joint Service Meritorious Medal
- 1987: National Security Agency, Scientific Achievement Award

Speaking

- Numerous Keynote speeches at most major industry conferences
- Numerous security panels
- Numerous testimonies before US congress
- Several Radio and Television appearances as a Security and Infrastructure expert
- Churchill Group Security Panel expert