

MARK ANTHONY BEADLES

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Software/Networking/Security Leader

Proven ability to create innovative software, security and networking technology in both public and private organizations. Architect of patented large-scale secure Web software systems. Skilled in business and technical aspects of enterprise application development, technical management and system design/operations. Experienced author of standards, technical evangelist, public speaker and writer.

Selected areas of expertise:

- Access control, authentication, AAA, NAC
- Requirements/business case/risk analysis
- Documentation, localization, i18n
- Software law, patents, contracts
- Internet architecture & data center operations
- Application security, secure code, SDLC
- Web-based software, Software-as-a-Service
- Endpoint security, NAC, AV, encryption
- Patch, systems & network management
- Netwk security, DHCP/DNS, VPN, firewall

Professional Experience

Program Manager

Ohio Academic Research Network (OARnet), Columbus, OH

2011-

Network services provider to Ohio's colleges and universities, K-12 schools, public broadcasting stations, academic medical centers, and state, federal and partnering research organizations..

- Leadership and management of new network service initiative.

Chief Technologist

Sophos Inc., Dublin, OH

2007-2009

1,500+ person multi-national provider of business endpoint protection, data encryption, network access control (NAC), email and web security software and services with headquarters in Abingdon, England.

Led technology, feature, and market research activities for company's NAC product line. Intellectual property development, product security, customer requirements discovery, business case development, roadmap definition and product evangelization.

- Advanced the company's strategy for expansion to new architectures (service-oriented architecture/SoA), new delivery models (Software-as-a-Service/SaaS), and new markets (policy compliance).

Chief Architect

Endforce Inc. (formerly SmartPipes), Dublin, OH

1999-2007

Venture-funded technology startup providing security software focusing on the Fortune 500, and service delivery management platforms for ISPs and telecoms.

Recruited to serve in top architecture and security position at this high-profile start-up, which was named to the “Red Herring 100” and Computerworld’s “Top 100 Emerging Companies”. Co-invented multiple patents in field of network management and security. Led the company’s professional services, product management, intellectual property management, and technical documentation teams.

- Played major role as technology expert in securing \$100M in venture capital financing from top investment firms, including Kleiner Perkins Caulfield & Byers, Invesco, Microsoft, Dell, and Intel.
- Architected of one of the first commercially available SaaS systems ever deployed in a large-scale data center environment – highly reliable and secure, and used by over 500 enterprise customers.

Lead Engineer, Product Development

UUNET Technologies (formerly CompuServe), Hilliard, OH

1996-1999

\$3.5B global ISP delivering networking solutions and managed and hosted services to enterprise and commercial customers worldwide.

Designed and developed successful products and services, including site-to-site and remote access virtual private networks (VPN); authentication, authorization & accounting (AAA); managed customer premises equipment; and global Internet roaming.

- Helped division achieve 50% annual revenue growth each consecutive year of service (from \$200M to \$700M) and the company to IPO by delivering multiple market-pioneering products and services.
- Represented company within the industry as co-chairman of the IETF Network Access Server (NASREQ) Working Group.

Previous experience included network, embedded & real-time software development.

Education

Bachelor of Science in Computers and Society

1993

Michigan State University, East Lansing, MI

Military Experience

Sergeant, United States Army

1985-1989

Communications systems technician; Top Secret security clearance.

Professional Memberships and Associations

Information Systems Security Association (ISSA); Association for Computing Machinery (ACM); Institute of Electrical and Electronics Engineers (IEEE) Computer Society and Standards Association.

PROFESSIONAL REFERENCES AVAILABLE UPON REQUEST.