MARTIN HANNIGAN

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GLOBAL INTERNET EXECUTIVE

Industry expert with Internet, Telecommunication, and E-Commerce Technologies

Well-respected Global Networking expert offering extensive experience in finance, major network architecture, engineering, design, and builds. Deep technical understanding of Internet functionality, complimented by a broad and diverse understanding of bridging global systems and networks. Track record of individual and team contributions to Internet industry committees including ICANN, NANOG, RIPE, LACNIC, and the other communities.

Highlights of Expertise:

• Strategic Planning	• Technical Consultant	• Business Development
• Network Design	• Systems Engineering	• Partner Relations
• Infrastructure Build Out	• Product Specifications	• Budgeting & Procurement
• Solutions Architecture	• Network Security	• Contract Negotiations
• Organizational Change Control	• 24/7 Operations	• Staff Management

AKAMAI TECHNOLOGIES, CAMBRIDGE, MA USA   2007 –2009
Individual Contributor

Lead multiple corporate efforts including global network, capacity deployment, DNS, and IPv6 transition.
 Selected Achievements:
- Internal liason for IPv6 architecture
- Global peering negotiation
- Detailed and Complex Financial Analysis of network initiatives including opex, capex, cost of capital, depreciation and venture modeling

VERNE GLOBAL EHF, Keflavik, Iceland   2007 –2009
Director of Network Engineering and Operations

Lead team of engineers and vendors in the engineering and implementation of a very large datacenter in Iceland.
 Selected Achievements:
- Vendor liason for large and complex build process
- Lead network architecture team
- Architected 10 Tb/s of submarine cable capacity connecting Iceland to the world

BAHAMAS TELECOMMUNICATIONS COMPANY, LTD.   2006-2007
Technical Staff Member

Provided technical expertise for development of network system products supporting delivery of flagship financial transactions processing services. Architected and deployed sophisticated managed security service solutions. Identified and implemented cost savings measures. **Selected Achievements:**
- Architected national network forklift upgrade
- Implemented split DNS architecture to resolve ORNS issues
- Trained and mentored staff in new technologies deployed

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VERISIGN, Dulles, VA   2002 – 2006
Technical Staff Member

Provided technical expertise for development of network system products supporting delivery of flagship financial transactions processing services. Architected and deployed sophisticated managed security service solutions. Identified and implemented cost savings measures. **Selected Achievements:**

- Managed 24x7x365 global Security Operations Center that served 7000 managed services customers
- Responsible for network peering and security strategy for deployment of iGTLD (global .com and .net)
- Served as key contributor for development of distributed denial of services (DDoS) mitigation product.

CTC COMMUNICATIONS, Waltham, MA   2002
Principal – Regulatory Compliance

Engineered, developed, and implemented proprietary CALEA compliant solution. Developed RFP, call fraud specifications, and project scope documentation. **Selected Achievement:**

- Led end-to-end development and integration including rack elevation, cable run, electrical interfacing, and VPN installation.

INTERNAP NETWORK SERVICES, INC., Boston, MA   1999 – 2001
Director of Engineering & Operations

Directed engineers across five states engaged in network operations management at six sites exceeding 1 million square foot capacity. Served as in-house engineering and specifications expert adhering to Telcordia standards. **Selected Achievement:**

- Negotiated more than $72 million in contracts with third-party hardware and service vendors.

LEVEL 3 COMMUNICATIONS, Westminster, CO   1997 – 1999
Director of Network Operations

Managed 24/7/365 operations in Tier III data centers across 11 separate metropolitan areas. Developed operating practices and standards. Negotiated and managed capital expenditure contracts. **Selected Achievement:**

- Created and implement standards for test, turn-up, and acceptance of giant datacenters and optical networks that ensued consistency across the organization.

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*~ Additional experience as **Chief Engineer** with **TIAC**, **Director of Network Operations** with **Microsoft**, **Senior Systems Administrator** with **Bose Corporation**, and **Network Engineer** with **Eaton Vance Corporation**. ~*

EDUCATION AND CREDENTIALS

ALB Candidate - HARVARD UNIVERSITY EXTENSION, Cambridge, MA

Continuing Ed - NORTHEASTERN UNIVERSITY, Boston, MA

BS Candidate - MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), LOWELL INSTITUTE, Cambridge, MA

Certifications

Cisco Certified Network Administrator (CCNA) ▪ ADC Copper & Optical Cross Connect Designer Certification (CEDC) ▪ CLI COBOL and CICS Programming Certification

Professional Organization Affiliations

- Internet Corporation for Assigned Names and Numbers (ICANN)
- North American Network Operations Group (NANOG)
- Réseaux IP Européens (RIPE)
- Latin American and Caribbean Network Information Center (LACNIC)
- African Network Information Center (AFRINIC)
- American Registry for Internet Numbers (ARIN)

Technical Proficiencies

Platforms:	FreeBSD, HP-UX, IRIS, Linux, Mac OS, MS Windows, Solaris
Tools:	MS Office Suite, MS Visio, gcc, open source software
Languages:	C, COBOL, sh, bash, csh, Perl
Technologies:	Internet networking, DNS, SDH, BGP, OSPF. VRRP, HRSP, GLBS, SNMP, SMTP, NNTP, NTP, Virtual Machines