

Summary

- 11 years of Information Technology experience within Information Security
- Thought leader looking to innovate and support the business on all fronts
- A strong team leader who enjoys mentoring others
- Familiar supporting multiple regulations across Linux and Windows

Professional Experience

Vesta

Jan 2009 – Present

Director of Information Security

Reporting to the CTO, responsible for entire security program for a global cloud payments company. Developed security metrics and executive reporting presented to CFO, CTO, and CEO on a quarterly basis. Manage various regulations such as PCI, SAS 70, SOX, ISO 27001, and various country specific privacy and security regulations. Manage networking department containing a network manager and staff of five, and directly manage a team of 4 security architects, providing hardware data encryption, application security consulting, and Secure SDLC. Speak to new and existing customers in regards to how their data is being managed. Develop whitepapers, documentation, and Visio diagrams to support marketing, sales, and business development teams. Author and enforce company policies. Performed internal penetration testing and provide security architecture within the following core technologies: Cisco, MS Active Directory 2008, Forefront application proxies, ISA 2008, Exchange Servers, SQL clusters, Forefront ant-spam and anti-virus. Responsible for maintaining and developing the Business Continuity Plan, and sharing results to executive and external parties.

Sans Institute

Dec 2008 – Present

Instructor

Responsible for providing training and mentorship within the 504 hacking techniques and incident handling course.

Best Buy

Feb 2008 – Jan 2009

Director Risk and Compliance

Responsibilities

Worked directly for Best Buy Chief Information Security Officer, responsible for Risk and Compliance for global operations. Managed a staff of 20 consultants covering, global forensics, security operations center, incident response teams, security architects, and IDS operations. Developed and maintained the PCI and ISO program for Best Buy. Developed risk management program. Conducted security code reviews, audits, and risk analysis. Managed vendor relationships and contract performance. Managed IT security budget of 50 million annually. Responsible for all open IT audits and remediation efforts. Handled mergers and acquisitions within IT due diligence phases. Acted as subject matter expert in all compliance and regulatory interpretations. An acting member of the PCI council. Supported legal departments, ensuring SOW, and contracts properly identified security controls and compliance.

BAE Systems INC, Fridley, MN

Aug 2006 – Feb 2008

Principle Security Architect

Responsibilities

Provided BAE, a top defense contractor, with information security leadership and technical architecture support. Supported Defense Industrial Base, reporting security threats to CIA, and FBI. Supported ITAR, FISMA, and various security compliance and GRC initiatives. Managed a staff of 3 security analysts, providing PKI and SharePoint international collaboration, identity management and user provisioning within MS active directory. Server hardening and audit activities to ensure systems met NIST standards. Lead projects of both security and business origin, for example, RFID and Identity Management. Review, draft corporate and business policies, and authored several detail work instructions for department. Conduct security audits, vulnerability and security assessments across the organization using Cisco MARS, CSM, Secure-Elements, Nessus Scanning, Eeye Retina Scanning, Patch-Link, and Secunia Vulnerability management. Enforce compliance within configuration

management using Cisco Works. Maintained relations with vendors and business units across a multi national organization. Manage IP scopes using InfoBlox, and network access control (NAC) using ID Aware. Manage content filtering and web proxy services using Blue Coat. Develop, and implement the corporate security awareness program. Managed annual Business Continuity and RD planning events.

ITT Technical Institute, Eden Prairie, MN

Mar 2006 – 2009

Adjunct Professor

Responsibilities

Instructing the four year Information Security Bachelor Degree program.

Medtronic, Inc, Arden Hills, MN

Aug 2004 – Aug 2006

Sr. Security Administrator

Responsibilities

Performed monthly security audits, code scrubs, and annual HIPPA and FDA compliance audits. Managed a team of 3 security consultants monitoring and managing Intrusion Detection Systems, Nokia Checkpoint firewalls, Cisco PIX firewalls, Cisco VPN concentrators, Cisco Catalyst switches, Cisco Secure ACS servers, and F5 load balancers. Developed and supported the internal Change Control Board (CCB) and other internal processes. Overall technical security lead for the CareLink network, which provided 3 tier high SLA medical device support for millions of patients and clinics.

Accomplishments:

- Designed, developed, and supported a custom written change control board system which eliminated the problem of keeping track of hundreds of change requests previously sent via email. The new system contained custom reporting and centralized dashboards.

Solutions By Design II, Washington D.C.

Jan 2004-June 2004

Security Systems Administrator (Ft.Snelling, MN)

(6 Month Contract)

Responsibilities

Manage and support of a network of 20,000+ computers for the Department of Defense. System administration of Windows 2003 Server, Exchange 2002 server, Windows XP clients, Active Directory, and terminal server for remote access across a virtual private network (VPN). Administration of Cisco 5606 routers and switches. Maintain network security in the form of Intrusion Prevention Systems (IPS), and monthly vulnerability scans. Perform daily backups using Dell equipment. Perform network performance and analysis using network monitoring tools. Assisted contractor staff in facilitating network enhancements and repairs. Perform software updates on applications as needed. Identify and implement changes when critical resource shortages were foreseen. Compose recommendations in the procurement of equipment, hardware, and software. Conduct network performance and operational diagnosis.

Accomplishments

- Implemented stronger security policies on shared files and folder structures; preventing user error and intentional deletion of critical files.
- Built and maintained an advanced intrusion detection system that enhanced the DMZ (Demilitarized Zone).

Affinity Plus Federal Credit Union, Saint Paul
Systems Administrator

2003-2004

Responsibilities

Managed computer systems within a financial bank. Supported GLBA and internal audit activities while also managing the operational systems supporting banking. Performed security and system reviews within an online banking environment with a Windows 2000 server environment. Create custom web reports using XML, HTML, and Microsoft Front Page. Managed backups and disaster recovery systems.

Accomplishments

- Developed and implemented a user friendly database that securely stored passwords, account information, management tools, and web links, reducing security risks and centralizing administration.

Executive Limousine Service, Eagan, MN
System and Security Administrator

1999 – 2003

Responsibilities

Designed a Java e-commerce web site. Maintained a small web-based billing and customer (CRM) system which allowed for external viewing of invoices and customer activity. Supported a small local area network containing Cisco firewalls, switches, Windows NT server, and SQL database.

Minnesota Army National Guard, Inver Grove Heights, MN
Security Officer

1999 - 2007

Managed a team of 10 security analysts that supported the tactical network backbones for many military operations in country. Working with core technologies within Cisco, and Windows Server infrastructures providing governance risk and compliance support. Enforced policy using NAC, firewalls, and various monitoring and pen-testing tools.

Education

Capella University, Minneapolis, MN

PhD in IT Business Management (Working on Dissertation)

St. Thomas University, St. Paul, MN

Masters of Business Administration (MBA)

Capella University, Minneapolis, MN

Masters of Science Degree in Information Security

Minnesota School of Business, Richfield, MN

Bachelors of Science Degree in Information Technology

Ft. Gordon School of Computer Science, Ft. Gordon, GA

Army Certificate in network support and wireless security

Technical Certifications

- CPISM (Certified Payment Card Industry Security Manager) PCI compliance QSA
- GIAC Certified Incident Handler (GCIH): http://www.giac.org/certified_professionals/listing/gcih.php
- Certified Information Systems Security Professional (CISSP) certification
- Certified Information Systems Auditor (CISA) certification

Security Clearance

Hold an active security clearance awarded by Federal Government.