

IDO DUBRAWSKY

SENIOR EXECUTIVE: Information Technology

Information Technology Management • Software Security • Technology Strategies & Leadership

Twenty year career of information technology management, security product innovation and revenue-generation in the software and telecommunications industries. Substantial record of leveraging teams and technology to meet profit and goal expectations. Demonstrated ability to align product development and security strategy with corporate goals through technical and business expertise including:

- C-Level Relationships
- Pre-Sales Presentations
- Security Consulting
- Team Development
- Security Risk Research
- Global Work Assignments
- ITIL, FISMA, NIST, COBIT
- Vendor Negotiations
- Risk Mitigation

Key strength is producing fresh ideas for resolving security and product development and deployment challenges. Prolific writer of books, white papers and articles.

Expertise in technologies such as identity management, PKI, IPv6, IPSec, IT Management, Network and System architecture, Security architecture, IT governance and in regulatory environments including HIPPA, SOX, GLBA and PCI.

EDUCATION & CREDENTIALS

Work toward **Ph.D. in Molecular Biology (ABD)**, UNIVERSITY OF TEXAS, Austin, TX
Master of Science in Aerospace Engineering, UNIVERSITY OF TEXAS, Austin, TX
Bachelor of Science in Aerospace Engineering, UNIVERSITY OF TEXAS, Austin, TX

Certifications: Certified Information Systems Security Specialist • CompTIA Security+ • Cisco Certified Network Associate • Cisco Certified Design Associate • Sun Certified System Administrator • Sig Sigma Green Belt (in-progress) • Certified Information Security Manager (CISM) (in-progress)

Affiliations: InfraGard - current Past President of InfraGard Maryland Members Alliance (IMMA) ISSA • ISACA • (ISC)² • International Association for Cryptographers • USENIX • SAGE (System Administration Guild) • Tau Beta Pi (National Engineering Honor Society) • Sigma Gamma Tau (National Aerospace Engineering Honor Society)

Languages: fluent in Hebrew

PROFESSIONAL EXPERIENCE

ITRON, INC., Washington, D.C. 2011 - present

\$2.9B global Smart Grid/Advance Meter Infrastructure (AMI) company
Security Engineering Team Leader/Sr. Principal Software Engineer

Primary responsibilities in this position center on enhancing and improving the security in Itron Smart Grid/AMI products by working with engineering teams in adopting a Security Development Lifecycle as well as provide thought leadership in product security; manage Security Engineering Team and lab consisting of seven individuals and a \$3M+ budget; meet with customers and customer teams to address security questions and concerns; lead and manage the CTO Security Engineering Team responsible for product testing and Smart Grid security research

- **Improved Itron's image** in the Smart Grid/AMI space among utilities by focusing efforts on improving product security design
- **Advanced competitive advantage** by promoting security capabilities of Itron's Smart Grid/AMI products at industry security conferences and standards organizations
- **Managed Itron Security Labs** and developed the processes and procedures for integrating security testing and issue remediation

- **Integrated Security Development Lifecycle (SDL)** into Itron's product development lifecycle for all Smart Grid/AMI products
- **Consult internally** to Itron IT organization on security technologies and practices necessary to improve corporate network and data security
- **Improved customer satisfaction** with Itron products by consulting with customers and providing subject matter expertise on Smart Grid/AMI security and compliance with Federal and state regulations

ITRON, INC., Washington, D.C.

2010 - 2011

\$2.9B global Smart Grid/Advance Meter Infrastructure (AMI) company

Principal Software Engineer/Security

Determine and develop Itron's short and long-term security strategy in the Smart Grid/AMI space. Work with product development teams to adopt a security development lifecycle effort and to identify security improvements in the overall architecture of products. Own and redevelop the Itron Security Center to provide customers with timely, concise, and effective security solutions and guidance in deploying Smart Grid/AMI solutions. Represent Itron in Smart Grid/AMI organizations.

MICROSOFT, INC., Washington, DC

2006 - 2009

\$60B global computer software company.

Chief Security Advisor

Enhance Microsoft security innovations by consulting with C-level customers of Microsoft's Communication Sector Americas division. Advise product development teams about enterprise company security needs. Lead virtual cross-functional team to expand profitability of customer relationships.

- **Established brand value** of Microsoft security products to enterprise customers, increasing satisfaction by 45% in just 2 years by facilitating identification of security improvements and advocating their needs to product teams.
- **Propel large enterprise sales** with telecommunications, media and entertainment customers by partnering with account teams to provide security expertise.
- **Delivered 4-fold increase in customer participation** in Microsoft's annual CSO Summit and doubled participation in Microsoft's Trustworthy Computing Group's semi-annual CSO Councils by promoting Microsoft's leadership role in resolving security issues.
- **Advance company's competitive advantage** by creating and updating portal that informs account teams about product news, security trends and other customer opportunities.
- **Boosted recognition** of Microsoft security products by presenting at ISACA's Network Security conference in September 2007 and twice at Microsoft's internal TechReady conferences.

AT&T/CALLISMA, Washington, DC

2005 - 2006

Network and security consulting subsidiary of AT&T (formerly SBC).

Acting National Practice Lead / Senior Security Consultant

Recruited to strengthen security consulting practice in effort to position company as security leader. Wrote technical sections of proposals responding to customer RFPs. Monitored consulting opportunities and scheduled resources with other practice and line managers weekly. Directed group of 6 consultants.

- **Built from scratch security training program** to ensure top performance from new consulting service, on time and under budget.
- **Drove revenue growth** by leading large network security consulting engagements with public and private sector customers.
- **Strengthened customer loyalty** with cost-effective and innovative solutions. Example: deployed Congressional Research Service's development network at zero cost by using existing hardware and VMware server software on open source operating system.

CISCO SYSTEMS

2000 - 2005

\$39B leading supplier of networking equipment and network management for the Internet.

Network Security Architect • Washington, DC, 2002 - 2005

Mitigated risk for customers by conducting key research on SAFE enterprise architecture, playing vital role in delivering high-priority security for enterprise customers. Analyzed Intrusion Detection security, Layer 2 security, worm and virus behavior and mitigation, and deployment of host-based intrusion prevention systems. Represented company at industry conferences including RSA and SANS and presented at Cisco Networkers US and international conferences.

- **Increased business prospects** by advising customers on Cisco's security vision and initiatives, and by providing solutions for building secure networks with Cisco and other technologies.
- **Boosted sales 50%** as expert member of domestic and international account teams conveying value of security provisions to customers.
- **Designed architecture** for SAFE project with goal of maximum protection at minimal cost.
 - Reached millions of Cisco customers who downloaded and read SAFE design documentation.
 - Expanded project to 4 additional areas of coverage: intrusion detection and prevention, layer 2 security, worms and viruses, and malware.
 - Reduced project expenditures to only 25% of budget while doubling project in size, finding low- or zero-cost equipment sources.

Network Security Engineer • Austin, TX, 2000 - 2002

Assessed network security for US and international clients, and presented written findings to client management. Ensured uninterrupted services by maintaining test network used to develop and test tools for client engagements. Contributed to tool programming. Wrote and published research articles and represented company at industry and Cisco conferences.

- **Improved customer security** by providing comprehensive Security Posture Assessment (SPA) to include wireless network security.
- **Built new test lab facility** within budget and time limits to facilitate testing of security assessment software.
- **Improved security testing** by rewriting database security test suite for inclusion into security assessment software.
- **Increased number of assessments** by 30% by streamlining and upgrading assessment process.

GLOBESET

1999 - 2000

Software & services company with 500 staff supplying e-payment infrastructure services and products.

Network Director

Ensured business continuity with smooth operation of network infrastructure and UNIX systems. Guided 2 direct reports to fulfill changes to network architecture. Negotiated advantageous vendor contracts.

- **Reduced costs through multiple initiatives.** Implemented secure VPN system for remote access that eliminated direct dial-up connection. Removed redundancies when integrating subsidiary network into corporate network.
- **Increased productivity** in corporate network by designing and deploying new network architecture using VLANs and QoS to improve security and efficiency.
- **Implemented new security and monitoring system** within budget limits, using FOSS to meet all design requirements.

DEJA.COM / DEJANEWS

1999

Product search and rating company now owned by Google.

Network & Systems Administrator

Spearheaded continual operation of company servers and website and preserved data with backups. Developed software for monitoring databases and website.

- **Delivered successful purchase and implementation of backup software** across network that protected critical financial data.

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- **Designed and deployed** email management system that facilitated onboarding of new employees.
- **Improved security** transitioning network to switched backbone.
- **Built new test lab facility** that tested beta website software before full production roll-out.

THE UNIVERSITY OF TEXAS AT AUSTIN, Austin, TX

1998 - 1999

University with 48,000 enrolled undergraduate and graduate students.

Network & Systems Administrator, Physics Department

Maintained Physics Department servers, labs and network infrastructure, resolving technical issues and installing software. Managed security across all computing platforms in department.

- **Boosted faculty and student satisfaction** and performance by improving homework server system response time by 50% and by transferring critical network functions from aging infrastructure.
- **Protected departmental servers** from multiple security breaches by upgrading all e-mail and graduate laboratory systems within 1-week period.