

George Robert (Bob) Williams, PhD
El Dorado Hills, CA

EXPERIENCE HIGHLIGHTS

Senior cross-industry technical, operational and management of IT risk, security, regulatory compliance and infrastructure:

- Authored technology and security management books published by Addison Wesley in multiple language versions
- Served as chief cybersecurity official for national laboratory, developed IT security and regulatory compliance for its FISMA programs with Department of Commerce, Department of Defense, NASA and National Science Foundation
- Directed Program Management Office (PMO) portfolio of 60+ information technology projects, overseeing 25+ project managers using PMI controls, business analysis, risk and reporting standards
- Shaped enterprise policies, business impact analytics, risk assessment, security remediation and planning in accord to ISO, NIST and COBIT guidelines for FISMA, HIPAA, SOX, PCI and other regulations compliance
- Directed IT SDLC life-cycle development/deployment of multiple enterprises
- Managed product and services marketing involving strategy/planning, channel development and press/analyst support
- Oversaw FBI, CDC, EPA and regional official mitigation of U.S. anthrax incident response, received multiple awards
- Provided Board level service involving P&L, SEC, corporate reporting, strategic planning, and M&A

CHRONOLOGICAL SUMMARY OF EXPERIENCE

Senior Information Security Officer

FISMA Compliance Officer

Senior Consultant – IT Security, Risk and Governance Management

National Center for Atmospheric Research, National Science Foundation (2/1/2015 – 5/1/2018)

Environment: Federal funded research and development center institution ... UCAR/NCAR

- Managed enterprise IT security, risk management and compliance operations
- Supervised security engineers and compliance auditors
- Developed IT security plan, working with leaders in the nation's supercomputer infrastructure and satellite systems
- Constructed FISMA compliance plans, security audits and implementation for NOAA, NSF, DOD contracts
- Oversaw HIPAA, DFAR, CUI, ITAR and privacy audit reviews
- Directed technology vendor selection and implementation of firewall, intrusion, and monitoring solutions

Senior Program Manager – IT Security & Compliance Lead

Kaiser Permanente (March 2013 – December 2014)

Environment: Leading national health care provider - national IT infrastructure management group

- Managed infrastructure PMO for national IT security policies, standards and technology specifications reviews and business impact analysis
- Coordinated early development of HIPAA/HITECT compliance self-assessment audit program
- Remediated service delivery review of information security contract with support vendor IBM
- Team analyst authentication for HIPAA, SOX and PCI alignment between IT infrastructure management group and clinical and other operational company-wide units, plus infrastructure SSAE 16 support
- Technology Risk Management recognition medal award (only consultant so honored)

Managing Partner/Program Lead

Enterprise Certified Corporation (November 2005 – July 2015)

Environment: Private IT security and infrastructure software products and services provider

- Lead consultant for national lab's implication of Federal Information Security Modernization Act (FISMA) compliance
- Management consultant for Metropolitan State University, Denver's "Rightsizing with Technology Initiative" (American Recovery and Reinvestment Act) for a portfolio of ERP systems, disaster recovery, e-mail and cloud migration.
- Managed and conducted customer security assessments, regulatory compliance audits and specialized software implementation for SOX, FISMA, HIPAA, PCI, JFAN, DITSCAP, DIACAP, DCID 6/3 and GLBA based on ISO 27001/27002, NIST SP 800-xx, COBIT HITRUST and related frameworks
- Lead technical architect for conceptualization and development of social network platform designed for goods and services exchange by non-profits
- Mitigation lead for emergency response and business continuity in wake of anthrax terrorism attack [In direct support of US Postal Service, EPA and FBI]
- Served as Senior Program Consultant for Microsoft Corp including serving as multi-year spokesperson for the introduction of Windows Server products
- Directed commercial development/deployment of IT security event auditing and reporting software
- Developed outward facing data/briefings including analyst/press reports, sales collateral and product documentation.

- Developed partner relationship as a Microsoft Gold Certified Partner, Hewlett Packard Developer and Enterprise Partner, and IBM Advanced Business Partner
- Consultant for documentation of the IRS EFTPS electronic federal tax filing software
- Speaker on IT infrastructure, security and compliance at industry conferences and webcasts;

CEO/CIO/Founder

Manakoa Services Corporation/Secure Logistix Corporation, 1999 - 2005

Environment: Public small cap IT security application vendor, subsequently sold

- Managed technology aspects of merger with public company Electronic Identification Inc and guided through SEC reporting to become a compliant NASD listed OTC corporation
- Directed three security product life cycles, awarded inventor patents: (1) Internet based knowledgebase portal for risk management, security and regulatory compliance; (2) enterprise security policy and procedure database engine; and (3) security event auditing software
- Directed marketing activities: go-to-market strategy/planning, positioning, sales/channel enablement, sales tools, pricing, press/analyst engagements, and competitive analysis
- Directed program and project management of IT security and regulatory compliance assessments
- Developed IT policy and procedure solutions for FISMA, HIPAA and SOX
- Initiated and directed co-marketing GOLD partner Microsoft System Center relationship

CIO/Lead Program Manager

Productive Data Systems, 1997-1999

IT staffing/consulting company, twice INC Magazine Top 200 fastest growing company

- Launched the services group providing IT consulting and supported projects including IT infrastructure architecture, security, system management, and enterprise software development for telecommunication companies like Qwest, Warner Communication, Level-3, and Cable Labs
- Served as a senior management team and Board of Directors member resulting in growth to 500 IT professional consultants with sales increase from \$2 million to over \$60 million
- Created and managed the professional services division

Development Lead and CEO, Founder

Decathlon Data Systems, 1984-1995

Environment: Private software developer, acquired in part by ICL

- Managed the conception and development of UNIX and Windows based integrated office automation suite
- Conceived Decathlon's TeamWare product, recognized by Data Pro International as the first commercial UNIX groupware suite (e-mail, group calendaring and collaborative software)
- Obtained OEM, reseller and service agreements with AT&T, IBM, HP, NCR and Sun. Obtained GSA Schedules through GSTI and others
- Managed Federal government procurement bid and proposal activities resulting in contract awards with the DOD, DOE and other agencies

MIS Program Office Director

System Development Corporation (Division: Burroughs/now UNISYS) / formerly RAND Corp

- Managed corporate planning activities operations and administrative support organization
- Managed the corporate Management Information System project office
- Lead member of winning team for large IS federal system and services contract
- Planned world-wide product inventory large system inventory distribution and liquidation

Assistant Dean. International Research

University of California, Los Angeles

EDUCATION

- PhD – University of California, Los Angeles – Administration/ Information Systems
Dissertation: "Institutions in Theory and Practice" reprints University of California Press
- MA/BA – Whittier College – Public Administration

PUBLICATIONS

- Technology Book Author: Cyber Security Framework for Executives (forthcoming mid 2016); *The Ultimate Windows Server System Administrator's Guide* [best-selling multi-edition and international language versions]; *Windows NT & UNIX:*

Administration, Co-Existence, Integration & Migration, and Terrorism Response, Risk Assessment & Mitigation ... plus author of non-tech books including political biography Jerry Brown: In a Plain Brown Wrapper

- Columnist/Contributor/Conference Speaker: Articles on topics including terrorism responses and mitigation, networking, VPN, security, and regulatory compliance for Computer World, American Chemistry Society, HP World, TechNet, IT World, Platform Decisions, Linux World and Sarbanes Oxley Journal

PROFESSIONAL RECOGNITIONS/OTHER INFORMATION

- Microsoft Most Valuable Professional (MVP) in the field of IT Security (multiple years)
- USPS/Federal commendation for special risk and crisis management services
- Awarded multiple software utility and design United States patents
- Department of Defense and Department of Energy security clearances – inactive
- Past Firefighter, Medical First Responder, Officer – volunteer Boulder Mountain Fire/Rescue
- Past Member Board of Trustee – Leukemia Society of America
- Past Executive Roundtable member for Sarbanes Oxley Journal