

PHILLIP H. GRIFFIN

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Broad background in information security management, secure messaging, and assurance technologies. Fifteen years of progressive security experience in information security management program development, management of complex security projects spanning multiple continents, development of security architectures, frameworks, and strategies, and successful client facing consulting. Excellent communication skills with a demonstrated ability to effectively present complex topics to mixed audiences at premier security venues, including the RSA Security, Digital ID World, and IBM Academy of Technology conferences. Innovative, strategic thinking demonstrated by publications and patentable inventions.

EXPERIENCE

SENIOR MANAGING CONSULTANT

2007-2009

IBM SECURITY AND PRIVACY SERVICES

WELLPOINT

IBM Service Delivery Project Manager reporting to IBM Vice President for Strategic Outsourcing. Managed a team of eight IBM Delivery Project Executives and over fifty of their managers to define a Policies and Procedures Manual to achieve ISO 9001:2008 quality management and IBM contract requirements. Developed a detailed project schedule, defined project milestones, managed project progress, developed status presentations, and reported weekly status.

GENERAL MOTORS (GM)

Security Project Manager of a globally dispersed Sarbanes-Oxley (SOX) SFTP Remediation team meeting daily with the GM Chief Information Officer (CIO). Evaluated vendor technology solutions for remediation of clear text password, data transfer, and storage SOX audit findings for diverse hardware and operating system environments, including IBM mainframes, UNIX, Linux, and Windows servers, and platforms no longer manufactured. Established and managed remediation implementation schedules of IBM managers and their teams across five continents on hundreds of servers. Reported results to senior GM and IBM management. Researched and resolved technical issues impeding remediation.

INTERNET SECURITY SYSTEMS (ISS)

IBM Security Project Manager of a security and privacy consultant team assessing the security posture of ISS through implementation of an IBM Business Transformation Management System. Prepared ISS for SOX audits and recommend changes to ensure compliance with IBM security and privacy standards. Defined and documented a data classification schema and associated security levels, categorized assets, and presented results to ISS senior management. Assessed business, core products, and systems to identify security exposures. Conducted application owner interviews, studied documentation and system diagrams, and examined customer interactions for security vulnerabilities and compliance with IBM policies and standards. Documented storage of Personally Identifiable Information (PII), use of IBM confidential data, and access to client business confidential data.

SYNGENTA

IBM Lead Security Architect for an application and data security team designing a Service-Oriented Architecture (SOA) Security Framework and a SOA Reference Architecture. Developed then executed a security vulnerability assessment program to determine the security posture of six in house client applications, and a Microsoft Active Directory system deployed in ninety countries. Created security assessment questionnaires based on best practice materials collected from DoD standards, DISA STIGs, and NIST FIPS. Designed and conducted surveys and interviews with system owners, analyzed interview results, and reported and presented assessment results to senior management.

LPL FINANCIAL SERVICES

IBM Trusted Security Advisor to LPL President and Chief Operating Officer (COO). Created an information security management program based on ISO/IEC 27002 (17799) and LPL business requirements. Defined security policies and standards, and security program measurement and reporting mechanisms. Defined structure and responsibilities of a new Enterprise Risk Management group. Advised on selection criteria for a new Chief Security Officer (CSO). Assisted in the development and presentation of LPL response to Securities and Exchange Commission (SEC) findings, based on analysis of security aspects of Gramm-Leach-Bliley (GLB) Act, SB 1386, and relevant SEC rulings.

Performed security program gap analysis against Federal Information Security Management Act (FISMA). Designed a data asset classification schema, with security levels needed to meet LPL business objectives for managing legal and regulatory risk. Selected alternative vendor risk mitigation products including anti-virus, anti-spam, anti-spyware, intrusion detection and prevention (IDS/IDP), and whole disk encryption. Created a security architecture and framework for a Public Key Infrastructure (PKI) solution to strengthen LPL identity management and access control systems.

MIAMI DADE COUNTY (MDC) GOVERNMENT

IBM Security Architect and Trusted Security Advisor to Chief Security Officer (CSO). Designed a layered IT security defense for MDC. Designed and implemented an information security management program based on ISO/IEC 27002 (17799), PCI DSS, and HIPAA requirements. Developed high level security policy and practices to manage data center activities to enforce least privilege and provide immediate security improvements. Defined written standards for secure installation, configuration, operation, and maintenance of all MDC operating systems, servers, and database systems (Linux, Solaris, IBM, Unix, Windows, Oracle).

OWNER, CHIEF TECHNOLOGIST
GRIFFIN CONSULTING

1994 - 2007, 2009 - present

VISA INTERNATIONAL

Secure Messaging Architect for the design of the Secure Electronic Transaction (SET) electronic commerce protocol used to secure payment card transactions over open networks, such as the Internet. Served on the SET design team and was appointed to the SET Technical Advisory Panel as their ASN.1 expert. Designed compressed PKI components to achieve a 70% memory size reduction over standard certificates, and enhance smart card application processing speed.

MOTOROLA

Security Architect of a compact digital certificate design for wireless security domain environments. Incorporated my design into U.S. standard X9.68 - *Digital Certificates for Mobile/Wireless and High Transaction Volume Financial Systems*. Provided technical support to Motorola engineering prototype development team and product test team.

GTE INTER WORKING / BBN TECHNOLOGIES

Security Architect for FSTC E-Check project and GTE representative to standard development meetings. Designed an ASN.1 schema for X.509 certificates using Elliptic Curve Digital Signature Algorithm (ECDSA) for electronic checking.

SAIC

Security Consultant providing cryptographic message processing expertise to developers of a software test management system used to determine product compliance to the security requirements of the SET payment card protocol. Helped the development team design an automated system to evaluate test results and streamline management reporting.

BOOZ ALLEN HAMILTON / IECA

Information Assurance Consultant to U.S. Department of Defense (DoD) Biometric Management Office (BMO), representing BMO at ISO financial services biometrics group national and international meetings. Contributed to the development of ISO 19092 biometrics security standard, and reported project status to senior BMO management.

Security Project Manager, standards editor, and technical expert for the revision of the ISO 13569 information security management standard. Worked for National Security Agency (NSA) client serving as ISO group chair. Assured project adhered to ISO Directives. Established project milestones, created meeting agendas, notices, and minutes. Conducted editor meetings and attended national and international meetings on behalf of client.

Trusted Security Advisor providing web services security expertise to an NSA Web Services Security Standards Committee (WSSSC). Evaluated XML-based security standards (e.g., SAML, XACML) against DoD requirements. Edited *Web Services Security Standards Framework* document for Net-Centric Enterprise Services (NCES) Global Information Grid (GIG) Information Assurance (IA), in the Joint NSA/DISA Web Services Security Standards Working Group (WSSSWG).

TECSEC

Security Architect, Project Manager, standards editor, and technical expert for development of security standard, ISO 22895 *Cryptographic Syntax Schema*. Organized and managed meetings, and ensured compliance with ISO Directives.

SPYRUS

Security Architect of a cryptographic message schema and associated text for NSA client use in the ISO/IEC 15816 | ITU-T X.841 *Information Security Objects for Access Control* standard. Analyzed data-centric security architecture, then defined message schema and processing requirements for protected data transfer protocol.

INNOVÈ

Contracts Manager, Project Manager, and Security Architect for development of software tool kit supporting secure messaging in X9.73 XML CMS security standard. Delivered on time and under budget. Designed and implemented a Java source code generation tool for creating products based on XML and ASN.1 notation inputs. Developed Java code and Apache Ant build scripts to compile and package software releases and to generate source code documentation. Negotiated contracts, agreements, and statements of work. Managed human resource activities. Created employee non-disclosure, security policy, and other documents. Managed client expectations and reported milestones achieved.

COMMUNICATIONS SKILLS

DISCLOSURES (Patents Pending):

- 12370345 - Associating a Biometric Reference Template with Radio Frequency Identification Tag
- 12370350 - Cancelable Biometric Reference Template Creation Event Journal Record
- 12370359 - Communicating a Privacy Policy Associated with a Biometric Reference Template
- 12370365 - Communicating a Privacy Policy Associated with an RFID Tag and Associated Object
- 12370379 - Generating a Cancelable Biometric Reference Template on Demand
- 12370334 - Privacy Preserving Biometric Reference Template Revocation Status Checking

PUBLICATIONS:

IP.com Journal	<i>Repository-Level Biometric Reference Template Attribute</i>	January, 2009
IP.com Journal	<i>Cancelable Biometric Loyalty Template Services</i>	January, 2009
ISSA Technical Journal	<i>ISO 19092: A Standard for Biometric Security Management</i>	January, 2007
ISSA Online Raleigh	<i>Key Commitment Using CMS in ECMQV Key Agreement</i>	March, 2006
ISO Bulletin	<i>Public Key Infrastructure (PKI) Certificate Extensions</i>	May, 2002

PUBLIC SPEAKING:

IBM Academy of Technology Conference	Hawthorne, New York	August, 2008
CTST CardTech SecurTech Conference	Orlando Florida	May, 2003
OMG Integrate 2002	Arlington, Virginia	November, 2002
Digital ID World Conference	Denver, Colorado	October, 2002
RSA Security Conference	Paris, France	October, 2002
Biometric Acceleration Conference	Washington, D.C.	June, 2002
ITU-T Workshop on Security	Seoul, Republic of Korea	May, 2002
RSA Security Conference	San Jose, California,	February, 2002
ETSI Mobile Commerce Plenary	Sophia Antipolis, France	July, 2001
X9F1 Cryptographic Tools Meeting	Phoenix, Arizona	January, 2000
Biometric Consortium Conference	Arlington, Virginia	September 1999

EDUCATION

CAPELLA UNIVERSITY - M.S., Information Technology - Information Assurance and Security Anticipated 2011

NORTH CAROLINA STATE UNIVERSITY (NCSU) - B.S., Computer Science

TECHNOLOGY SKILLS

Apache Ant Automated Build Process Tools	Oracle Database System (versions 9i and 10g)
Business Transformation Management System (BTMS)	OSS ASN.1 Tools for C
Component Business Modeling (CBM)	Red Hat Linux OS, Application Server 4 (AS4)
Concurrent Versioning System (CVS)	SOA Security Architecture
Eclipse Business Intelligence Reporting Tool (BIRT)	Sun Solaris Operating System (versions 8, 9, and 10)
Eclipse Integrated Development Environment (IDE)	Tivoli Identity Manager (TIM)
IBM AIX 5L Operating System (5.1, 5.2, and 5.3)	Tivoli Insight Compliance Manager (TCIM)
IBM HTTP Server	Tivoli Security Policy Manager (TSPM)
Java Cryptographic Service Providers (Certicom and RSA)	WebSphere Application Server (WAS)
J2SE and Java Security Extensions	Windows Active Directory (on 2000 and 2003 Servers)
Microsoft Office - Excel, PowerPoint, Visio, and Word	XML Cryptographic Message Syntax (XCMS) Toolkit
Adobe CS4, Fireworks, PHP, CSS, JavaScript, XML, XSL	