

D. STUART McCUBBREY, MBA, CISSP, CISA, CIA
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Information Systems Audit, Security & IT Risk Management professional with 30 years business experience and a focus on ensuring automated systems are implemented in an efficient, secure and successful manner. Key current competencies:

- Provide strategic direction for global information technology audit and IT risk management & Compliance functions
- Ensure IT regulatory control requirements are implemented: SOX, PCI, HIPAA, Safe Harbor, GLBA, NIST
- Design & implement information security processes (vulnerability assessments, policies, metrics, controls design)
- Design processes to provide vendor oversight for outsourced information technology operations

PROFESSIONAL EXPERIENCE

GENERAL MOTORS CORPORATION, Detroit, MI

Director, IT Security Policy & Regulatory Management, GM Information Technology **09/12 - Present**

- Design and operate a global IT Risk Management process and methodology
- Analyze strategic IT risks for GM Board of Directors presentations
- Oversee IT Compliance functions, including the global IT SOX Program and PCI-DSS Compliance Program
- Administer and oversee the enforcement of global Information Security Policies and Controls
- Build and operationalize a global IT Security Metrics Program

GENERAL MOTORS CORPORATION, Detroit, MI

Director, Information Technology Audit, GM Audit Services **09/01 – 09/12**

- Manage 26 IT audit professionals conducting IT risk assessments for GM globally
- Communicate IT best practices for project management, IT operations and information security to GM IT
- Deliver summaries of internal audit results to GM executive management and the Audit Committee
- Recommend corrective actions for identified project and technology risks
- Analyze results from information security software (O/S & database scripts, network/web vulnerability scanners)
- Manage 8-10 information technology audit projects concurrently

PRICEWATERHOUSECOOPERS, Detroit, MI

03/99 – 09/01

Manager, Technology Risk Services

- Develop and execute security assessment and implementation methodologies:
 - Enterprise Security Architecture
 - Security/Controls design into a systems development process (Security Certification Process)
 - Security metrics design
 - HIPAA, Gramm-Leach-Bliley security program design and assessment
- Perform e-business readiness and security assessments
- Perform/Manage technical platform security assessments (e.g., UNIX, NT, Netware, firewall, Web server etc.)
- Develop information security policies & procedures
- Manage Attack & Penetration assessments ("ethical hacking")
- Evaluate security software solutions (e.g., firewalls, remote access, encryption products)
- Utilize automated security analysis tools (e.g., CyberCop, proprietary O/S scripts, ToneLoc, BindView)
- Manage a distributed team of information security technology specialists
- Market information security consulting services to key corporate decision makers (e.g., CIO, CISO, CFO etc.)

GENERAL MOTORS ACCEPTANCE CORPORATION (GMAC), Detroit, MI
Global Information Security Manager, GMAC Information Systems & Services (IS&S)

10/95 - 03/99

- Researched and/or implemented information security technologies
 - Conducted extensive evaluation of single signon (SSO) software products
 - Implemented pilot Intrusion Detection system (Shadow system)
 - Developed Bindview reports for security compliance audits on Novell Directory Services (NDS)
 - Designed monthly anti-virus software update process; Wrote service-level agreement
- Evaluated/communicated security and control risks for new system development projects
 - Designed all security controls for a global computing infrastructure roll-out
 - Two factor remote access authentication via SecurID
 - Defined requirements and validated security configurations for all platforms
 - Educated system project teams on performing systems risk and controls identification processes
 - Validated controls for processing credit applications via the public Internet (GMAC SmartTown)
- Wrote/communicated user and technical information security policies and procedures
 - Technical standards: Netware, NT, HP-UX, AIX, Oracle, ACF2, RACF, AS/400, Notes, ANS firewall, Cisco router, Anti-virus, remote access, Web server
 - User policies: Internet usage, general system usage, anti-virus precautions
- Conducted war-dialing using ToneLoc software to identify unauthorized data modems
- Conducted periodic information security awareness activities (e.g., e-mail newsletter)
- Designed/Implemented electronic system ID request process (via Lotus Notes)
- Managed 20 outsourced security administration personnel (EDS); Supervised junior GMAC staff members

Senior Information Technology Auditor, GMAC Corporate Audit division

01/94 - 10/95

- Performed application, LAN, environmental and security audits of global operations
 - Netware LAN configuration; Credit application processing; dealer fraud analysis
- Wrote Easytrieve Plus programs for statistical sampling and data analysis to support audit objectives
- Wrote Easytrieve Plus programs to identify unreturned lease vehicles
- Wrote Bindview reports for Netware 3.x server security compliance audits
- Developed risk analysis methodology for IT Audit department

FLORISTS TRANSWORLD DELIVERY ASSOCIATION, Southfield, MI

01/89 - 01/94

Senior Information Technology Auditor

- Performed network and operational audits of FTD data processing operations
 - Data Center operations; Customer billing; Credit card fraud analysis
- Conducted risk analysis of auditable areas, selected annual audits; Supervised junior staff members
- Wrote Focus, Easytrieve Plus, PL/1 programs to uncover credit card fraud and unbilled revenue

MICHIGAN CONSOLIDATED GAS COMPANY, Detroit, MI

01/85 - 01/89

Senior Internal Auditor

- Performed financial and operational audits of MichCon business operations
 - Conducted audits of MichCon Business Office operations
 - Performed physical inventories of natural gas storage fields

EDUCATION

MBA, University of Michigan, Dearborn, MI, 1993 (Management Information Systems)

BA, University of Michigan, Ann Arbor, MI, 1984 (Economics/Computer Science)

CISSP - Certified Information Systems Security Professional, 1997

CISA - Certified Information Systems Auditor, 1992

CIA - Certified Internal Auditor, 1989

SYSTEMS

Web: SSL 3.0, Microsoft IIS 5.X, encryption algorithms

Mainframe programming languages: Easytrieve Plus, SAS, FOCUS, PanAudit, PL/1, JCL

PC/LAN programming: Access, Excel, Lotus

Mainframe: MVS, CMS, TSO, RACF, ACF2

Mini/LAN/PC: UNIX (AIX, Solaris, HP-UX), AS/400, NetWare, Windows NT/2000, Lotus Notes

Security software: Nessus, Bindview, AppScan, WebInspect, NetStumbler

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

IIA, Detroit Chapter

ISACA, Detroit Chapter

ISC2

TEACHING HISTORY

Adjunct Professor, Walsh College, Troy, MI (Business Information Technology program) – 2001 to 2016. Developed all original materials for, and taught, the following bachelors and masters level courses: Information Security Overview, Information Security Risk Assessment, Information Security Safeguards, Secure Software Development, Information Technology Audit

Online Adjunct Professor, DeVry University (Online – College of Engineering and Information Sciences) – 2008 to Present.

Courses taught: Digital Forensics I, Information Systems Security Planning and Audit, Principles of Information Systems Security

Online Adjunct Professor, Duquesne University (Online – School of Leadership and Professional Advancement) – 2008 to 2011

Developed all original materials for, and taught, the following bachelors level courses: Introduction to Cybersecurity, Introduction to Physical Security

Online Adjunct Professor, Norwich University (Online – College of Graduate and Continuing Studies) – 2015 to Present

Courses taught: Information Assurance Technology, Human Factors & Managing Risk, Information Assurance Management & Analytics