



# Jennifer L. Bayuk, LLC

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## PRIMARY AREAS OF EXPERTISE:

- Approach to Information Technology Due Diligence
- Computer Systems Security Architecture & Management
- Financial Services Regulatory Information Security Requirements
- Information Security Management
- Information Security Tools & Techniques
- Information Systems Security Metrics
- Information Technology Risk Management
- Information Technology System Audits
- Information Technology Governance and Technology Compliance
- Information Systems Processing
- Security Software Application & Integration
- Technology Control Objectives and Activities
- Technology-related Privacy Issues

## EXPERIENCE:

### Jennifer L Bayuk, LLC, 2008 - present

#### *Independent Consultant*

- Devise and assist in the implementation of security management strategies, policy and metrics for corporations.
- Research and document technical architecture and requirements for security product vendors, as well as government and academic security-related programs.
- Teach and provide curriculum for local industry associations and the Stevens Institute of Technology.

### Bear Stearns & Co., 1998 - 2008

#### *Senior Managing Director, Chief Information Security Officer*

- Designed and implemented policy and processes to protect, detect, and recover from harm to information, including development of tools and techniques for all security processes, including digital identity, application inventory and information systems risk management.
- Directed information security investigations, penetration tests and management response IT audits, including forensics and remediation activities in coordination with legal and compliance.
- Established and maintained enterprise-wide security, change control, and business continuity metrics, achieved Chief Information Security Officer Title in 2002.

### AT&T Capital Corporation, 1997-1998

#### *Manager, Information Systems Business Controls (Head of IT Audit)*

- Evaluated and developed tools for operating system, database management system, and network security testing as well as data analysis, incident tracking, and reporting.

### Price Waterhouse LLP, 1995-1997

#### *Information Systems Risk Manager*

- Managed a wide variety of security consulting and audit projects for the Price Waterhouse Information Risk Management Practice, including penetration tests and physical infrastructure reviews.
- Performed systems infrastructure analysis directed at improving technical security architecture, security management processes, and information system operational risk management.
- Wrote and customized programs for security testing.

### AT&T Bell Laboratories, 1990-1995

#### *Information Security Technical Staff*

- Envisioned, designed, specified, developed, demonstrated, tested, and documented software for expert systems, graphical user interfaces, databases, and network monitors.

### UFA, Inc., 1988-1990

#### *Project Manager*

- Developed, documented, and maintained ATCoach Expert System and Networked Air Traffic Simulation program.
- Demonstrated ATCoach to Congressional subcommittee for the Federal Aviation Administration (FAA) client.

## EDUCATION:

- M.S. in Computer Science, Stevens Institute of Technology, 1992
- M.A. in Philosophy, Ohio State University, 1986
- B.A. in Computer Science and Philosophy, Rutgers College, 1985

## CERTIFICATIONS:

- Certified Information Systems Auditor (CISA)
- Certified Information Security Manager (CISM)
- Certified in the Governance of Enterprise IT (CGEIT)
- Certified Information Systems Security Professional (CISSP)