**PROGRESSIVE CAREER RESPONSIBILITIES:**

* NTT Security Program Manager, Morgan Stanley Account, eFraud, CERT, Insider Threat
* Security Consultant, ISO 27001/ISO 9001/ISO 22301 Virtustream Cloud SAP HANA
* IMIT Security Specialist, Healthcare, Enterprise Threat Risk Management, CERT
* Enterprise Security Officer, Hyper wallet
* Director Technology Operations, Government Corp Accounting; ISO 27001, ITIL Integration
* Manager, Government, information Security Branch Compliance an Reporting
* Privacy and Security Officer, Banking, ISO 27001 Integration
* Privacy and Security Compliance Officer, EDS Government Alternate Service Delivery
* Information Security Officer, McCain Foods Limited
* IBM Red Team Ethical Hacker
* Security Officer, Zürich Insurance HRIS

**UNITED STATES EXPERIENCE**

* Virtustream – a EMC and DELL Federal Government Cloud Computing Vendor. (Washington DC)
* SureScripts - US SaaS validates doctor prescriptions with pharmaceuticals. (Minneapolis, MN)
* Phontronics - Global Nanotechnology Laboratory, ID. (Idaho, ID)
* Taro pharmaceuticals, Brampton, Ontario and (Taro, NY)
* Foley and Lardner - US Legal firm with 1400 lawyers. (Wisconsin, WI)
* Trimble Hosting Services – IaaS, PaaS Global Cloud Service Provider. (San Jose, CA)
* AIReS - Global US Executive Relocation Company (Pittsburgh, PA)
* Cetera Financial Group - Global US Financial provides wealth management. (El Segundo, CA)
* Calabrio Inc.: SaaS workforce optimization and customer interaction analysis (Minneapolis, MN)
* GovDelivery - US Cloud SaaS - Secure Government email. (Minneapolis, MN)
* Jabil - Global Technology Manufacturer. (St Petersburg, FL)

**ACHIEVEMENTS**

* Published NIST Cybersecurity Foundation course
* Led 1st Canadian Government ISO/IEC 27001 Registration /Certification
* Led BC Government Corporate Accounting Services IMIT during $25M N-RFP
* Led 1st Canadian Bank, Trade /Wholesale Service to ISO 27001 Registration /Certification
* Led EDS Privacy & Security Work-stream during $300M contract renegotiation.

**PROFESSIONAL CERTIFICATIONS AND LICENSES**

* ISACA - Certified Information Security Manager (CISM)
* ISACA – Certified in Risk Information Systems Control (CRISC)
* ISACA – Certified in the Governance of Enterprise IT (CGEIT)
* ISACA – Certified Information Systems Auditor (CISA)
* ISC2 – Certified Information Systems Security Professional (CISSP)
* SABSA – Service Delivery Security Architecture
* Ministry of Justice Security Worker License #E123627

**PROFESSIONAL EXPERIENCE**

**Company: Secure Knowledge Management Inc., Vancouver, British Columbia, Canada.**

**Scope: International, Privately Held Canadian Consultancy.**

**Title: Cybersecurity Consultant and Project Manager Feb 2010 – Current.**

**Reported to: self-employed, Direct reports – one, Annual budget - $100k.**

**Summary:** As the Cybersecurity Consultant and Project Manager I am currently leading projects designed to help my clients improve the effectiveness and efficiency of their existing programs. I facilitated the adoption of ISO/IEC 27001 – ISMS, Audit, GAP Assessments, Cybersecurity program design based on Defence-in-Depth and ISMS for many clients. This includes data governance programs, risk management programs, compliance management programs, RFP/RFI and integration with information security, software licensing management, Technical Architect, Capacity Planning, Change Management, Release Management, ITIL, PCI DSS, Incident/Problem Management, Continuous Improvement, ISO 9001, ISO 27001, Service Management, Service Level Agreement, Procurement, Communication, Training/Awareness, Strategic/Tactical planning, and Budgeting.

**Company: NTT DATA Inc., Halifax, Nova Scotia, Canada. Aug 2016 - Feb 2017.**

**Scope: International, Privately Held Canadian Consultancy.**

**Title: NTT Security Program Manager, Digital Cloud Services**

**Reported to: Vice President DCS, Direct reports – 130, Annual budget - $45M.**

**Summary:** As the NTT DATA Security Program Manager I am responsible for the overall success of all Security related programs, services and staff with our client. My primary account, Morgan Stanley, is the worlds top 4 global financial services firm. I have proven experience managing the Enterprise level Security Program. I am highly conversant and knowledgeable about key aspects of such a program, such as: eFraud, Insider Threat, CERT, Security Architecture, iResponse, Threat Management / SIEM Technologies, etc.

**Company: Regional Health Authority, Victoria, British Columbia, Canada.**

**Scope: Regional. April 2015-October 2015.**

**Title: IM/IT Security Specialist**

**Reported to: IM/IT Security Manager.**

**Summary:**

* Leading the iHealth EHR Cerner Millennium Enterprise Security Threat Risk Assessment
* Leading Investigations for Malware, Phishing, Lost, Stolen Equipment
* Developing and Publishing communication pieces
* Providing Consultation Services
* Leading Security Assessments
* Leading Risk Assessments

**Company: Government of British Columbia, Victoria, British Columbia, Canada.**

**Scope: Local Canadian provincial government.**

**Title: Director, Technology and Operations, and Acting CIO. Nov 2008 – Feb 2010.**

**Reported to: Executive Director, Direct reports – 13 Union employees and 25 contractors, independent contractors, service providers, and an annual budget - $5 million.**

**Summary:** As the Director of Technology Operations and Acting CIO I played a strategic role actively participating in annual strategic planning sessions and representing CAS as their CIO. I was the sponsor of many projects including the creation of the Application Architecture. I led many projects including the on-boarding of a new operational service provider, ISO/IEC 27001 information security management system registration/certification, and ITIL /Service Management adoption. I also provided oversight for the daily planning, development and delivery of CAS Technology Operations and Oracle eBiz Suite for 24,000 customers processing $37 billion annually. My role also included security, software licensing management and negotiation, risk management, business continuity planning, privacy, system configuration, system and database administration, region management and change control, technical services, infrastructure capacity planning and the development and implementation of security standards and policies to ensure that data and systems integrity, stability and availability are protected.

A few specific accomplishments include:

* In 2009 led 1st Canadian Public-Sector ISO/IEC 27001 Registration/Certification.
* In 2009 led On-boarding Project for ERP Service Provider
* In 2009 led Technology and Operations work-stream during Negotiated Request for Proposal.

**Company:** Government of British Columbia, Victoria, British Columbia, Canada.   
**Scope:** Local Canadian provincial government.   
**Title:** Manager, InfoSec Compliance Assessment & Reporting, Date of Service – Sept 2008 – Nov 2008.   
**Reported to:** Executive Director, Direct reports - 3, Annual budget - $1 million.   
  
**Summary:** As the Governments Compliance Manager I led projects the adoption of new information security standards for equipment disposal and destruction. I also led the annual information security compliance assessment of 19 Ministries and 23,000 employees.

**Company:** Central 1 Credit Union of British Columbia, Vancouver, British Columbia, Canada.

**Scope:** Canadian, Publicly Owned Canadian Company.

**Title:** Security and Privacy Officer, Date of Service – February 2007 - September 2008.

**Reported to:** Director Internal Audit, Direct reports – two+ contractors +service providers, Annual budget - $500k.

**Summary:** As the Security and Privacy Officer I led several projects including the ISO/IEC 27001 registration/ certification project. I also led the development of businesses strategic, and tactical planning and budgeting for the 27+ Billion-dollar operation processing in excess of 750k transactions daily. I led the development of the CISO (Central Information Security Office) program ensuring compliance with data protection legislation FOIPP Act, PIP Act, PIPED Act, Securities Act, CEO/CFO Certification and standards COSO, CPS, Interact, PCI DSS, ISO/IEC 27001, CICA5970 including contractual obligations defined within Master Services Agreement (MSA) with our partners and clients. • In 2007 led 1st Canadian Online banking, Trade & Wholesale Service to ISO/IEC 27001 Registration /Certification, Financial.

**Company:** Independent Privacy and Security Consultants Inc., Victoria, British Columbia, Canada.   
**Scope:** International, Privately Held Canadian Consultancy.   
**Title:** Principal, Date of Service – August 2006 - February 2007.   
**Reported to:** self-employed, Direct reports – one, Annual budget - $100k.   
  
**Summary:** As IPSC’s Principal I led several projects including the adoption of ITIL standards, ISO/IEC 9001 standards, and ISO/IEC 27001 standards. This included the integration of Risk Management & Consultation Services I led the development of businesses strategic and tactical planning and budgeting. I attend workshops and seminars representing the company and facilitate lectures. Clients and projects include: • Implemented IT best practices to address SOX audit gaps in preparation for IPO.   
 **Company:** EDS Advanced Solutions Inc. Victoria, British Columbia, Canada.   
**Scope:** International, 250 unionized employees, 250 contractors, US Owned Alternate Service Provider.   
**Title:** Privacy, Security, and Compliance Officer (PSCO), Date of Service – November 2005 -August 2006.   
**Reported to:** Chief Operations Officer, Direct reports = one + contractor, Annual budget - $300k.   
  
**Summary:** As the Privacy, Security, and Compliance Officer (PSCO) I led a project designed to institutionalize a business program designed to manage risk associated with information assets, and compliance with privacy legislation FOIPP Act, PIP Act, PIPED Act and contractual obligations defined within the Master Services Agreement (MSA). The program combined information privacy and security standards ISO/IEC 17799:2005, CMM, COBiT, ITIL, ISO/TQM IQ/OQ/PQ, PCI DSS, TCSEC and the Common Criteria. I also led the MSA Refresh initiative for the EAS Privacy and Security Work Stream in partnership with the Ministry of Small Business and Revenue.  
  
• In 2006 led privacy and security strategy for data migration to SAP R3 system.   
• In 2006 led threat-risk assessment and privacy impact assessment strategy for outsourcing citizen data.

• In 2007 led privacy, security and compliance work stream for contract refresh   
• In 2007 led privacy, security and compliance work stream and project over sight for SAP implementation

**Company:** TechSecure Inc. Hartland, New Brunswick, Canada.   
**Scope:** International, Privately Held Canadian Consultancy.   
**Title:** Principal, Information Security, GRC Consultancy, Date of Service – December 2002 - November 2005.   
**Reported to:** self-employed, Direct reports – one, Annual budget - $100k.   
  
**Summary:** As TechSecure’s Principal for Information Security, GRC Consultation Services I led the development of business plans including strategic, tactical, and annual budgeting. I develop contact lists and meet regularly with clients. I develop media contacts and press releases establishing TechSecure as the regional experts within our profession. Clients and projects include:

• New England Financial Mgm Business.   
• US Credit Union.   
• GTA Municipal Government.   
• US International Telecom Company.   
• Canadian Telecommunications Company.   
• US Telecom Access Billing Company.   
• US Bank.

**Company:** McCain Foods Limited, Florenceville, New Brunswick, Canada   
**Scope:** International, 6000 employees, Privately Owned Canadian Food Manufacturer.   
**Title:** Information Security Specialist, Date of Service - July 2000 - December 2002.   
**Reported to:** Director, Information Technology, Direct reports – none, Annual budget - $100k.   
  
**Summary:** As the Information Security Specialist I led the Information Security Business Unit (ISBU). I developed strategic, tactical and annual business plans in alignment with organizational business goals and objectives. I led the ISBU during the development and implementation of a multidimensional information security program.

**Company:** Apollo Computer Consultants Inc., Scarborough, Ontario   
**Scope:** International, Privately Held Canadian Consultancy.   
**Title:** IT, Information Security, GRC Consultant, Date of Service – April 1997 – July 2000.   
**Reported to:** self-employed, Direct reports – one, Annual budget - $ 100k.   
  
**Summary:** As the Information Technology Consultant I meet with clients and provide expert advice on matters concerning compliance with US and Canadian legislation, EDI and IT Audit. I led projects conducting assessments such as Threat-Risk Assessments, Reassurance Assessments, GAP Analysis and assist my clients in adopting best practices to mitigate risks to information assets and systems resources. Clients and projects include:

• GTA Academic Post-Secondary Institute.   
• Global High Technology Hardware/Software and Services Provider.   
• National Stock Exchange.   
• Global Telecommunication Service Provider.   
• Global Pharmaceutical Manufacturer.

**Company:** Hanes of Canada, Mississauga, Ontario, Canada.   
**Scope:** International, 60 employees, Publicly Traded US based Company.   
**Title:** Programmer Analyst II / Application Specialist, Date of Service - November 1995 - April 1997.   
**Reported to:** Director, Information Technology, Direct reports – one + contractors +service providers, Annual budget – $0.   
  
**Summary:** As the Programmer Analyst II / Application Specialist I managed the development and implementation of a project integrating JBA ERP systems with EDI ANSI X12 and EDIFACT standard transactions. This included the implementation of Advanced Shipment Notices (ASN) utilizing the MH10 label thermal label process and Symbol handheld scanners. Leading into this project I initiated a Request For Proposal (RFP) from which I created a Capital Expense Request (CER) for senior management’s endorsement. A key to the success of this project was working with Sears Canada and Wall-Mart in establishing EDI trading partner relationships.

**Company:** Zurich Insurance of Canada, Toronto, Ontario, Canada.   
**Scope:** International, 5000 employees, Privately Owned Swiss Company.   
**Title:** HRIS Specialist, Information Security, GRC, Date of Service - February 1989 - September 1995.   
**Reported to**: Vice President, Human Resources, Direct reports – one + contractors +service providers, Annual budget - $ 1 million.

**Summary:** As the HRIS Specialist I managed the operations for the in-house payroll system and Human Resource systems including planning and budgeting. I collaborated with HR Business Units, Finance Department, Internal, Corporate and External Audit teams to establish best practices while mitigating risks.

**PROFESSIONAL DEVELOPMENT**

***Education***

• University of Toronto Continuing Education HRM

- Human Resources Management, - Business Communications

• Centennial College

- Introduction to the AS/400 RPG, - AS/400 RPG Advanced File techniques

• York University/Seneca College - Instructional Skills Workshop

***Designations***

• Information Systems Audit & Control Association

- Certified Information Security Manager (CISM)

• ISACA – Certified in Risk Information Systems Control (CRISC)

• ISACA – Certified in the Governance of Enterprise IT (CGEIT)

• SABSA Security Service Management (Test Module F2)

• ISACA – Certified Information Systems Auditor (CISA)

• International Information Systems Security Certification Consortium – Certified Information Systems Security Professional (CISSP)

• Canadian Payroll Association - Introduction to Payroll, Level I Payroll Management Certificate Program (PA)

• Learning Tree – Certified Network Administrator, level I & level II (CNA)

***Certifications***

• BSI – ISO/IEC 27001 lead Auditor (ISO27k LA)

• MICA Strategic People Development

- Project Management for Professionals Certificate (PM)

• ITIL - Foundation Workshop / Certificate

• ISACA - COBiT Foundation Workshop / Certificate

• Insights - Transformational Leadership program

• Certificate in Citicus

• IBM Canada, AS/400 (iSeries) Certifications:

* Operator Workshop
* System Concepts and Facilities
* Security
* System Administration and Control
* Recovery/Restart Planning and Implementation
* Relational Data Base Design and Coding
* Structure, Tailoring and Basic Tuning
* Interactive Program Design
* Performance Analysis and Capacity Planning
* Query