

Robert J. DuWors, CISSP, CISA

5435 Village Park Dr SE, #2443, Bellevue, WA 98008

pro@csgroup.com

Tel: 425/818-4982 Cell: 425/614-8785

IT Architect: Matching business needs to effective and secure IT solutions

Sr. Principal Application Information Security Analyst Symantec Corporation: Eugene, Oregon (2 years)

Information Security

Change Management

Policy Development

Process Development

Risk Management

Create IT security policies, procedures and best practices for the Symantec IT department and for use of outside IT services. Perform review of application architectures utilizing extensive experience in system analysis, design, and implementation. Represent and participate as the Info-Sec member of core teams for Project Portfolio Management (PPM) and Change Advisory Board (CAB). Conduct Security Assurance Reviews (SAR) for all stages of the Project Delivery Framework (PDF) SDLC: project initiation, architecture overviews, secure development practices, and final release to production. Enforce privacy and compliance requirements such as PCI and SOX. Review and use security tools such Appscan for web applications

IT Enterprise and Solution Architect, Connected Systems Group: Seattle, Cincinnati, Ottawa (15+ years)

Successfully established the Connected Systems Group (CSGroup) to provide IT consulting services to the private and public sectors for the hands on construction of leading edge distributed systems across multiple generations of technologies.

Client List

Alltel	DOD USAF	MDS Areo Support
Anthem BC & BS	DND (CDN)	New Zealand Post
Boeing	ETAS	Optimization NZ
Bailey Controls	Farmers Insurance	Qualcomm
Convergys	Gandalf Data Systems	Progressive Insurance
Chiron Diagnostics	Geovision	Public Works Canada

Representative CSGroup Projects

Systems Analysis and Design

Business Solution Architecture

Enterprise Architecture

Engineering Product Development

Software Engineering

New Technologies

Anthem Inc. – launched the Enterprise Architecture initiatives as the Chief Architect and member of the senior IT executive team including IT asset management, incident management, security policies and IT standards.

Convergys – developed and prototyped a rule based approach to the product line architecture of large scale, high performance billing systems on behalf of the VP of Product Line Architecture.

Bailey Controls – created and developed the advanced process control architecture utilizing mixed discrete and continuous computational models, and performed Real Time Object Orient Operating System design.

ETAS – designed and implemented J2ME demonstration of dynamic OSGi services for automotive telematics application into Microsoft IIS environment integrated with asp to servlet bidirectional communication.

Boeing AWACS - created new deployment architecture for future AWACS aircraft computer systems using blade servers, event based programming, and message driven architecture for more secure operation.

Boeing PDM – reviewed subsystems and researched new integration architectural patterns and platforms for large scale Product Data Management (25+ million BOM) as part of a large multi year program.

Alltel Information Services - created enterprise wide network computing security strategy covering network infrastructure, operating systems, application level security, and enterprise wide remote access.

Technical Skills and Knowledge Used

Systems and Software

- **UNIX/Linux:** Solaris, HP-UX, Aix, RedHat Linux, etc.
- **Windows:** Vista, XP, Server 2003
- **Virtualization:** VMWare
- **Persistence:** Oracle, SQL Server, LDAP
- **C family:** C, C++, Java, etc.
- **Scripts:** Bourne, PERL, CMD, etc
- **Other Languages:** Cobol, Fortran, PL/1, many assemblers
- **Web:** HTML, J2EE, XML, JavaScript, AJAX, Spring, Hessian, SOAP, etc.

IT Methodologies

- **Techniques:** OOP/D/A, SOA, Component Based
- **Specification Tools:** Visio, UML Tools, LOTOS,
- **Protocols:** TCP/IP stack from network to applications levels
- **Project Management:** MS Project, PDF, P+
- **Architecture:** Enterprise, Application, and Infrastructure levels

Information Security & Governance

- **IT Governance:** COBIT
- **IT Service Management:** ITIL
- **Process Maturity:** CMMI
- **Security Frameworks:** ISO 17799, NIST 800-xx Series
- **Risk Management:** NIST 800-30, AS/NZS 4260:199
- **Application Security:** SDL, ASF
- **Tools:** AppScan, ESM
- **Processes:** PPM and PM, CAB, SAR, Incident Response

Additional Career Related Experience

SHL Systemhouse:	Senior Management Technical Consultant for Systems Integration
GE Aircraft Engines:	Senior Technical Analyst and Designer
Alberta Research Council:	Associate Research Officer, Senior Technical Analyst
PetroCanada:	Senior Technical Manager, Chief Programmer

Personal

International Experience:	USA, Canada, France, Israel, New Zealand
Citizenships:	American and Canadian (dual)

Education, Memberships, and Certifications

Bachelor of Science:	Computer Science Degree with Distinction from the University of Calgary
Postgraduate training:	Computer Science course work, University of Calgary and Carleton University
Memberships:	ISACA, (ISC) ² , ACM, IEEE, Association of Certified Fraud Examiners, Microsoft Partner Program
Professional Certifications:	Certified Information System Security Professional (CISSP) Certified Information System Auditor (CISA) Certified ITIL and COBIT Foundations