

Andrew Winter - CURRICULUM VITAE

(updated June, 2009)

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QUALIFICATIONS

Qualification Name	Institution / Notes	Year
Matric	Rondebosch Boys High School, Cape Town, South Africa	1980
B.Sc.: Computer Science including Mathematics, Physics, Applied Mathematics and Electrical Engineering	University of Cape Town (U.C.T.), South Africa	1986
MCSE Windows NT 4.0		1999
MCSE Windows 2000 / Active Directory	<i>Received acknowledgement from Microsoft for being a "Charter Member" – amongst the first 2000 people in the world to obtain this qualification</i>	2000

EMPLOYMENT SUMMARY

Employer	Period	Positions Held
Telkom (SA)	1987 – 1996	Analyst Programmer IT Project Leader
Digital Equipment Corporation (NZ)	May, 1996 – July, 1996	Consultant / Project Leader
Radio Spectrum Management (MoC)	August, 1996 – September, 1999	Systems Specialist / Systems Manager
Computerland (NZ)	September, 1999 – September, 2005	Senior Consultant
Optimation (NZ)	October, 2005 – November, 2007	Principal Consultant / Managing Principal
Winter Consulting – Self-Employed	December, 2007 – present	Business Owner, Consultant / Contractor

CAPABILITIES SUMMARY

Business and General Consulting

- Capability / Practice Development
- Consulting Services
- Development of Delivery Frameworks for Consulting and Technology Services
- Project Management
- Quality Assurance
- Pre-Sales
- Partner Relationship Development
- Team Leadership and Management

Technology Consulting

- Infrastructure Architecture
- Infrastructure Solution Design and Implementation
- Active Directory Design
- Exchange Systems Design
- Systems Integration, Windows, Linux, Unix
- Network Services Design
- Virtualisation Design and Implementation

Identity Management

- Identity Management business consulting
- Business Case Development
- Project Structure and Road-Map Development
- Identity Management technology expertise including:
 - Sun Identity Management
 - Tivoli Identity Manager
 - Novell Identity Manager
 - Microsoft ILM
- Identity Management Project Execution:
 - Business Analysis
 - Discovery / Scoping
 - Requirements Analysis and Solution Design
 - Implementation Planning
 - Business Readiness
 - Implementation and Handover
 - Infrastructure Design and Implementation

EMPLOYMENT HISTORY

Winter Consulting (self-employed)

Duration: December, 2007 – Present

Position: Business Owner, Consultant and Contractor

Summary:

- Establish Winter Consulting entity
- Business Development, Practice and Capability Development
- Customer and Partner Relationship Development
- Pre-sales and Account Development
- Identity Management Consulting Services
- Infrastructure Consulting Services
- Relationship Management

Significant Projects – Winter Consulting

Department of Labour – Identity Management Concept Design, 2009

Complete Discovery, Scoping and Concept Design for Identity Management at the Department of Labour. Main focus on internal provisioning and workflow, but also includes extranet integration considerations.

Customer Line of Business	Government
Sites / Headquarters	International / Wellington

Department of Labour – Infrastructure Architecture, 2008

Infrastructure Architecture within the Department of Labour Information Group. Produced Architecture artefacts for the Department's Infrastructure Upgrade programme. Focus on Active Directory, Exchange and Branch Architecture.

Customer Line of Business	Government
Sites / Headquarters	International / Wellington

Ministry for the Environment – Architecture and Design, 2008

Completed Identity Management Design and Proof of Concept based on Tivoli Identity Management Suite.

Customer Line of Business	Government
Sites / Headquarters	National / Wellington

Whitireia Polytechnic – Lead Architect, 2008

Provide consulting services to assist with design and implementation of a migration from Netware and GroupWise to Active Directory and Exchange.

Customer Line of Business	Education
Sites / Headquarters	National / Porirua

Scientific Software and Systems Ltd. – Architecture and Design, 2007

Discovery and Conceptual Design for an internal server virtualisation project.

Customer Line of Business	IT Systems and Services
Sites / Headquarters	International, Petone

Optimation (NZ)

Duration: October, 2005 – November, 2007

Position: Principal Consultant

Role Summary:

- Practice Development for Consulting, Identity Management and Infrastructure
- Pre-sales and Account Development
- Identity Management opportunities development
- Internal IT Architecture and ICT Steering
- Relationship Management

Key Role Aspects:

- Responsible for the Infrastructure Consulting team
- Responsible for internal IT and member of the ICT steering committee
- Identity Management Principal – Expertise in:
 - Identity Management business consulting
 - Tivoli Identity Management Suite
 - Sun Identity Management Suite
 - Novell Identity Management Suite
- Pre-Sales: Involved as a principal pre-sales consultant. This includes:
 - Customer relations
 - Presentations
 - Establishing credibility – work to become ‘Trusted Advisor’
 - Business consulting / alignment with business strategy
 - Conceptual architecture and design
- Solutions Design. Key involvement in many significant and complex projects. These typically cover a broad range of aspects including business / technology alignment and enterprise architecture development
- Manage and develop relationships with strategic partners

Practice Development:

In addition to project sales and execution, I had a leading role in developing technology practices at Optimation. The practices developed provided frameworks, standards and guidelines for technologies allowing Optimation to engage in a consistent and repeatable manner countrywide.

Significant Projects - Optimization

Westpac Bank New Zealand – Architecture and Design, 2007

Completed Concept Design for Identity Management at Westpac.
Included POC using Tivoli Identity Manager.

Customer Line of Business	Banking and Finance
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Sites / Headquarters	Australasia / Sydney
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Optimization New Zealand – Principal Consultant, 2007

Completed Active Directory Design and Security Review.
Design and Implementation

Customer Line of Business	IT Services
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Sites / Headquarters	National / Wellington and Auckland
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Ministry for the Environment – Architecture and Design, 2007

Completed Identity Management Discovery and Conceptual Design.

Customer Line of Business	Government
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Sites / Headquarters	National / Wellington
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Ministry for Agriculture and Forestry – Principal Consultant, 2007

Completed Identity Management Discovery and Scoping.

Customer Line of Business	Government
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Sites / Headquarters	National / Wellington
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Ministry of Education – Principal Consultant and QA, 2006

Identity Management project lead by Sun Microsystems. Completed Solution Design.
Project currently underway. Technologies include Sun Access Manager, Identity Manager and Directory Server.

Customer Line of Business	Government Agencies (Education Sector)
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Sites / Headquarters	National, Wellington
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Computerland (NZ) (Now Gen-i)

Duration: September, 1999 – September, 2005

Position: Senior Systems Consultant

Role Summary:

- Principal Consultant for Active Directory and Exchange projects from pre-sales through to implementation.
- Principal Consultant for Identity Management and Directory Services projects
- Practice Development for Active Directory, Directory Services and Identity Management
- Active Directory and affiliated Infrastructure Design.
- Exchange 2000 / 2003 Design

Consulting Roles Core Competencies:

Key components that are repeated in most major projects include the following:

- Pre-Sales: Involved as a principal pre-sales consultant. This includes:
 - Presentations
 - Establish credibility
 - Business consulting / alignment with business strategy
 - Conceptual architecture and design
- Multi-party facilitation. Many projects are multi-vendor and involve third parties. My role has often involved taking a lead role in design and facilitation.
- Solutions Design. Key involvement in many significant and complex projects for Computerland. These typically cover a broad range of aspects including business / technology alignment and enterprise architecture development
- Oversee Implementation (alongside Project Management).

Practice Development:

In addition to project sales and execution, I had a leading role in developing technology practices at Computerland. The aim of these practices was to provide frameworks, standards and guidelines for technologies enabling the company to engage in a consistent and repeatable manner countrywide.

Significant Projects - Computerland

Livestock Improvement Corporation, 2005 – Lead Consultant

Identity Management. Significant end-to-end Identity Management project. Secured the engagement and completed initial phases before leaving Computerland. Identity Management solutions incorporating both employees and customers. Technologies include DirXML, eDirectory, Active Directory, iPlanet, Lotus Notes, DB2 and Oracle.

Customer Line of Business	Farming Industry Services
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Sites / Headquarters	National, Hamilton
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Computerland NZ, 2004 – Lead Consultant

Identity Management Review, Requirements Analysis and Design extendible Identity Management solution integrating eDirectory, Active Directory and SQL Server.

Customer Line of Business	IT Technology Integrator
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Sites / Headquarters	13 Sites with Head Office in Wellington
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Solid Energy, 2004 – Team Leader (non-design role)

Design and Implementation coordination: Upgrade from Windows NT 4.0 to Windows 2003 Active Directory. Upgrade and Migration from Exchange 5.5 to Exchange 2003

Customer Line of Business	Coal Mining, Distribution and Export
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Sites / Headquarters	Ten sites with Head Office in Christchurch
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Department of Labour, 2003 – Lead Consultant (Multi Vendor)

Design and Implementation: Multi domain forest required to accommodate 3 divisions. Multi-vendor environment with Computerland providing top-level architecture and co-ordination. Upgrade from Windows NT 4.0 to Windows 2003 Active Directory. Upgrade from Exchange 5.5 to Exchange 2003

Customer Line of Business	Government Labour Agencies
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Sites / Headquarters	Thirteen sites with Head Office in Wellington
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Computerland NZ, 2002 – Lead Consultant

Design and Implementation: Multi domain forest. Upgrade from Windows NT 4.0 to Windows 2000 Active Directory. Upgrade from Exchange 5.5 to Exchange 2000. Subsequent upgrade to Windows 2003 Active Directory and Exchange 2003 currently underway

Customer Line of Business	IT Technology Integrator
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Sites / Headquarters	13 Sites with Head Office in Wellington
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Mighty River Power, 2002 – Lead Consultant

Design and Implementation: Multi domain forest required to accommodate both the Generation and Retail divisions in the company. Upgrade from Windows NT 4.0 to Windows 2000 Active Directory. Upgrade and Migration from Exchange 5.5 to Exchange 2000

Customer Line of Business	Electricity generation and retail
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Sites / Headquarters	Four sites including Head Offices in Auckland and Hamilton.
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Radio Spectrum Management, Ministry of Commerce

Duration: August 1996 – September 1999

Position: Systems Manager (fixed-term contract)

Duties:

- Manage the Ministry's Radio Spectrum Management Systems and Networks.
- Manage the Radio Spectrum Management Systems Support team.
- Manage relationships with clients, suppliers, partners, customers, consultants and other Ministry IT groups
- Manage Systems projects
- Manage the Systems budget.

Functions:

- Deliver and support systems and networks required by the Ministry of Commerce's Radio Spectrum Management group. The group consists of approximately 80 head office staff based in Wellington and around 60 users in 12 remote offices countrywide.
- Database Administration (DBA) of strategic databases
- Deploy new systems and optimise the environment to enhance and extend available facilities to meet and exceed client and user expectations.
- Manage Change Control, Security, Contingency Planning and Disaster Recovery.
- Plan strategic direction of technologies, systems and networks. This is done with due cognisance of other Ministry IT groups and Ministry-wide IT strategy.
- Contribute to Ministry-wide IT strategy.
- Plan, control and direct all systems and network projects through the full project life cycle.
- Facilitate the provision of a customer-focused help desk. Facilitate timely resolution of all problems.

Major Projects:

- Microsoft Exchange 5 rollout and migration from Novell GroupWise
- Windows NT Server rollout and migration from Digital Pathworks
- Wide Area Network Upgrade and migration from multiplexed WAN
- Windows NT Workstation rollout and migration from Windows 95
- Legacy Systems Retire and Reconfiguration
- Spectrum Management System Technical Infrastructure
- Spectrum Management System Database Administration Development

Telkom SA (Telecommunications)

Duration: January 1987 – January 1996

Positions: IT Project Leader, Analyst Programmer, Systems Specialist

Duties:

- Develop and Maintain Software Systems.
- Organise, control and direct Software Development and Maintenance
- Organisation and Management of programming teams
- Systems Analysis and Design
- Project Management
- Strategic Planning

Functions:

- Maintenance and Development of the Beltel Public Videotex system. Understand the design philosophy of a highly complex, online real-time system. The online system software components comprise well over one million lines of code (mostly Pascal, some 'C'). The internals were 'home grown', and included most typical operating system, DBMS and TP concepts, and were subsequently of a highly demanding nature. No training was available, and expertise gained was achieved by reverse-engineering the system without assistance.
- Develop new online and support components for the Beltel System as required by clients and Telkom. This included a wide variety of projects ranging from simple applications to real-time internals, and involved the organisation of programming teams, project management, and strategic planning depending on the nature and size of the development.
- Project Management. Control, co-ordinate and direct projects, including initiation, prioritisation, allocation and utilisation of resources, Quality Assurance, documentation and the organisation of programming teams.
- Strategic Planning. Plan future system configurations and projects for the Beltel System based on the availability of new technologies and products and the requirements of the current and potential user-base.
- System Management. Manage the development environment. Direct enhancements to the system management of the production environment. Co-ordinate and implement operating system, network, and application upgrades. Tune the production environment to extract maximum performance from platforms.

Technical Summary

Training:

Course	Year
DECnet/OSI	1993
Unix Fundamentals and Systems Administration	1995
Microsoft Exchange 5 Core Technologies	1997
Microsoft Windows NT 4 Core Technologies	1998
Sybase FastTrack to Adaptive Server Enterprise	1999
Sybase Database Administration	1999
Microsoft Accelerated Training for Windows 2000	1999
Novell Identity Manager 2.0	2004
Novell eDirectory Fundamentals	2004
SuSE Advanced Linux Administration	2005
Sun Identity Manager	2005
Tivoli Identity Manager and Tivoli Directory Integrator	2007
Xen Server Enterprise 4.0	2008

Operating Systems:

- SuSE, Redhat and Ubuntu Linux
- Solaris 9 and 10
- Windows 2000 Server, Windows Server 2003, Windows 2008 Server
- Windows XP, Windows Vista, Windows 7
- Legacy Windows (Windows NT 3.51, Windows NT 4.0, Windows 95 / 98)
- VAX/VMS, OpenVMS (versions 4 to 6.2), VAX / VMS Clusters

Server Virtualisation Technologies:

- Xen Enterprise Server
- VMWare Server
- Microsoft Virtual Server

Identity Management Technologies:

- Tivoli Identity Management Suite
- Sun Identity Management Suite
- Novell Identity Management Suite
- Microsoft Identity Lifecycle Manager

Directories:

- Microsoft Active Directory
- Novell eDirectory
- LDAP (Sun and IBM/Tivoli)

RDBMS and Languages:

- Sybase System 11
- Ingres
- Oracle RDB
- Microsoft SQL
- Pascal, 'C', FORTRAN, Ingres and Sybase ESQL.
- Windows Scripting (Visual Basic), PowerShell

Email Systems:

- Microsoft Exchange 5.5, 2000, 2003, 2007
- Novell GroupWise
- X.400 especially P7, P2, ASN-1 and OSI-abstracts
- Internet (SMTP) e-mail servers and clients.