

CAMERON MACDONALD M.C.S.E. B.A. M.B.A.

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Tertiary Education

Massey University

Palmerston North, New Zealand

- *Masters in Business Administration (MBA) – 2004*

John Moores Liverpool University

Liverpool, England

- *Bachelor of Arts: - Business & Finance (BA) – 1998*

Specialising in Management Information Systems, Executive Information Systems, and Electronic Data Interchange computer technologies

Hugh Baird College of Further Education (ONC) – 1992

Liverpool, England

- *Ordinary National Certificate: Business & Finance*

Professional Education – 2000 - 2008

- *Enterprise Architecture: TOGAF 7/8 - 2009*
- *IT Technical qualifications: Microsoft Certified Systems Engineer (MCSE) - 2000*

Statement of Intent

As an independent Consultant I aim to add technical and business value to organisations across New Zealand. This value is based on enterprise grade IT knowledge, academic business leadership, and proven success in project delivery.

Capabilities and Skills

I am a classically trained enterprise manager and business consultant, with both a BA and MBA in Business Administration. I also have ten years IT experience including desktop support, high available technical solution development, SDLC Infrastructure Architecture, Technical Project Management, people leadership & management, and management consulting.

Experience

My technical focus is Distributed Computing Infrastructure with specialisation in the areas of enterprise architecture, data centre architecture, Technical Team Leadership, IT Management, and IT Strategy - including strategic road-mapping and integrative road-mapping.

Technology

- Extensive experience in migration planning and in-situ infrastructure replacement across distributed wintel, midrange, mainframe, and virtualised/shared environments
- Extensive infrastructure architecture and applications integration experience
- Extensive experience in networks including: LAN, WLAN and WAN & VOIP (telco)
- Experience in high availability infrastructure design and delivery
- IT Continuity Plan and Disaster Recovery Plan investigation, authorship and testing
- IS Strategic planning to Board level and IS Risk and mitigation planning
- Extensive experience in data storage topology development, including backup, NAS and SAN

People

- Experience in team leadership in IT platform and systems integration
- People management – both formal and leadership
- Extensive mentoring experience with engineers, consultants from technical delivery to development and solution lifecycle
- Continued learning including ongoing up-skill within the IT industry, trend analyses, business best practice, and market analysis

Project Management

- Project Management experience in technical lead, governance, IT Program Management
- Experience in the use of the PMI project methodology
- Extensive experience in solution quality assurance control
- Experience in taking projects through the full lifecycle (project values ranging from \$4 million to \$10,000)
- Experience in Project risk analysis and mitigation
- Currently studying the CompTIA Project+ program

Client Management

- Experience in system support management
- Experience in government, banking, insurance and private enterprise Sectors
- Experience in project tracking to senior management and stakeholder management
- Experience in Communication planning and action
- Extensive pre-sales and customer interaction experience
- Learning: Fast learn technologies, environments and business environments

Management Consulting

- Academic and practical business analysis and design (process, strategy, resource allocation)
- Analytics: Strong analytical nature technically, financially, and within the business context

Specific in-depth areas covered in the 2 year Executive MBA Program

- Business Strategy
- Organisational Behaviour and Design
- Corporate Governance
- Project Management and governance
- Corporate Finance
- Financial Accounts
- Management Accounts
- Dispute Resolution
- Marketing
- International Business
- Economics
- Entrepreneurship
- Corporate Social Responsibility

Overview of recent career

For fifteen years I have followed my general interests in IT and developed an enterprise grade – EA Consultant level – knowledge of high availability infrastructure systems and their design, development, integration, delivery, and support management. I have worked for three of the largest IT companies in the world, one of the largest in New Zealand and one of the largest Banks in Oceania:

May 2010 - January 2013

ANZ Bank – (*infra Enterprise/Consulting Architect/Project Architect*) **IT Enterprise Architect**

- Technical Infrastructure Consulting Architect – Leading the architecture design, provision, build and implement of Test and Production infrastructure for NZ's largest bank conversion programme (NZS) representing a \$450 million dollar programme of works resulting in the technical and business bringing together of National Bank NZ and ANZ NZ Bank.
- Technical Programme Architect - Leading Architect for large programme of work (\$60 million+)
 - Multi-project leading architecture including: Oracle, Virtualisation, Backup/restore, Asset Lifecycle solutions – across UX, Wintel and distributed and midrange – primary focus of sustainable technology refresh and mid-term risk remediation.
- Consulting Architect – Infrastructure – NZ Division
 - Offering Enterprise Architecture services to the organisation across the differing environments of the bank in relation to infrastructure.

February 2008 – April 2010

Gen-i - Telecom New Zealand – (*Network Architect, Management Consultant, Project Manager*) **IT Architect and Management Consultant**

- ICT RFP/RFI Bid technical leadership
- Technical Management Consulting – Business Scenario around Video Conferencing for Department of Labour
- Technical Project troubleshooting and management – various projects in distress
- Technical Project governance – various projects
- Network infrastructure design and delivery – various projects
- Integrated ICT Infrastructure migration planning and delivery – NZ Post and KiwiBank IPTeL
- Technical pre-sales for WAN, VoIP and Wi-Fi networks, infrastructure
- RF solution design, development and delivery

August 2007 – February 2008

Telecom (corporate) New Zealand – 9 month contract: (*Project Management – PSTN Discovery and Risk Analysis Lead*) **ITC Project Manager, Discovery Lead and Strategist**

- Project lifecycle management
- Project Budgeting
- Project reporting
- Project gating
- Discovery Lead
- Qualitative and quantitative risk analyses
- strategic planning and forecasting
- Report authorship and presentation

March 2005 – April 2007

Gen-i - Telecom New Zealand – 1, 6, 9, 9 month contracts: (*Network Architect, Management Consultant, Project Manager*) **IT Architect and Management Consultant**

- SDLC design and delivery to the business
- Rapid Deployment Kit design and delivery to the business
- Technical Project management
- Technical Project governance
- Network infrastructure design and delivery
- Infrastructure migration planning and delivery
- Green-field infrastructure delivery management
- Technical pre-sales for WAN, VoIP and Wi-Fi networks
- RF solution design, development and delivery

November 2004 – February 2005

IBM New Zealand – 3 month contract: (Project Manager) IT support contract Management Consultant

- IT technical support analysis
- Contract analysis
- Business process and change analysis
- Report writing
- Project management

April 2004 – November 2004

Vehicle Testing New Zealand: IT Manager and Program Manager

- IT technical support management
- People management
- Technical architecture development
- Security development and planning
- Budgeting
- Information Systems Strategic planning
- Supplier and customer relationship management
- Risk analysis
- Disaster Recovery planning

April 2001 – April 2004

Computerland New Zealand: Senior Consultant and Architect:

- Technical architect – Data Centre Infrastructure refresh (multiple sites)
- High availability systems architect – multi-site IT assurance
- Disaster Recovery designer, architect and test – analysis and design
- Storage Practice Leader – In-depth specialisation in design, migration and project leadership
- Project management – small to medium project governance
- Cost benefit analysis – decision support
- Technical writer – project and architecture design, risk analysis and training and support manuals

November 2000 – April 2001

HP (Hewlett-Packard) New Zealand: Senior Technical Pre-Sales Consultant

- Pre-Sales of OmniBack – Multi-site backup and restore, OpenView Systems management topology design
- Support delivery of HP solutions and hand-over

Project experience

I have managed, technically lead, or been heavily involved in many projects ranging from Enterprise Architecture through to vertical detailed design as a Project Architect and lead. Below is a wide representation of the work done to date, although there have been many other smaller projects that have ranged from business analysis to technical systems integration. Further details on request:

Customer: ANZ & National Bank NZ (corporate/finance)

Enterprise (Consulting) Architect / Programme Architect (multi-vertical)/ Stream Lead (Infrastructure Architect)

Engagements included:

Enterprise Consulting Architect:

This is the foundation role of the 18 month contract to date – acting as consulting architect to ensure all architectures present by Solution Architects are compliant and supporting the Architect community from an infrastructure perspective.

Consulting Architect - New Zealand Simplification Programme (NZS)

NZS was a programme to converge ANZ and NBNZ banks into one business model and one technology footprint over a single weekend. This role consisted of leading the Infrastructure Programme architecturally alongside the infrastructure Programme Manager within the larger technical & business programme, to develop and deliver fit for purpose target infrastructure footprints for 3 test environments (mock banks) and augmenting Production to match target. This engagement also included the development and delivery of a comprehensive capacity audit for the target state landscape as a key milestone deliverable for programme sign-off and Go-live. Technologically the brief covered Mainframe, Midrange, Distributed operating infrastructure as well as all supporting infrastructure such as SAN and NAS storage; email, extranet and Intranet; backup & archive; data networks, and; other related infrastructure as expected in the mature banking industry.

Programme Architect (Multi-vertical):

This was a placement where I was requested to get a multi-million programme of works back on track from a technical and project structure/culture/process perspective. The work took nine months to move the programme from failing to operational mode, and having gated a number of key fit-for-purpose solutions through to build with fit-for-purpose and compliance sign-off.

Customer: Gen-i and Telecom (corporate) New Zealand Telecom (over a period of 3 years)

Enterprise Architect / Project Management / Management Consultant - projects ranging from 25k through to programs of many millions.

Engagements included:

Technical Lead for a number of projects:

Remedy projects that have strayed off track, specifically uptake of governance and lead the project(s) into closure through transition and handover to business support.

RFP and RFI leadership – Enterprise ICT governance with requirements to deliverables assurance.

Pre-sales of Enterprise Architecture through to point technical solutions.

Technical governance and Quality Assurance management across the technical teams for various projects

Detailed Enterprise Migration planning for NZ Post and Kiwibank during move from incumbent ICT to Gen-i ICT.

PSTN Legacy Network Assure Discovery and strategy analysis:

Project management, Discovery Lead and Issues Strategist for the management systems of Telecom's national PSTN infrastructure. A nine month project using project management as the brief governance mechanism against a 'Discovery' project that reviewed the current state of Telecom PSTN management systems and networks Vs a desired state; offering a short/medium/long-term strategic plan to the business by means of a detailed qualitative and quantitative analysis report and gap-analysis flight-plan. All delivered by presentation to senior management through the Project Governance team.

Technical Architect and Management Consultant (Network Design Team):

Business development of an 18 month strategic plan for the national Network Design Team in relation to technical governance and quality management.

Business development, design and delivery of the Solution Delivery Lifecycle to the Network function across Wellington and Auckland.

Business development, design and delivery of a Design Quality Office (DQO) supporting knowledge management, tools, templates and formalised peer reviews for Network Architects.

Technical Project troubleshooting, moving distressed project to final delivery

Technical Project management under rapid deployment for technologies including high availability LANs and WAN and Wireless LAN (Wi-Fi) deployments – concrete and carpet.

Technical Project management, governance and leadership.

Network design and delivery within the Telecom framework.

Customer: IBM New Zealand - (Project Manager) IT Support contract Business consultant:

PM / Business Consultant – \$40,000

Customer: IBM NZ

Through a number of changes and a Trans-Tasman agreement my role as a Project Manager/ Business Consultant was to review the IBM/Customer support landscape, contract, P&L and SLA obligations and through analysis advise senior account management on problems identified and best practice remedy. Within this context my role was to control work done through standard project methodologies.

Customer: VTNZ New Zealand - : Covering IS Manager (Program Management)

IS Manager – \$2.5 million (annual budget) – (\$150,000 project budget)

Customer: VTNZ

In replacement of the IT manager my role was to review the current IT environment (head office and 60 sites) and develop both a technical and management program to ensure the stability and longevity of the IT infrastructure. This role had a large operational management component with two direct reports and a number of supplying vendors.

The focus of the work was to develop and analyse both technical requirements & architecture and business process, develop a project program within the BAU framework, sell it, and initiate it based on standard project methodology linked to the Technical Solution Delivery Lifecycle (SDLC). All of this was done in the context of a support function in distress.

Customer: Computerland New Zealand - Senior Consultant and Architect:

As a permanently employed Senior Consultant for 3 years my primary role was Solutions Architect and Technical Lead to develop requirements, liaise with tier 1 and 2 suppliers and architect conceptual designs to the client with cost benefit, solution fit assurance, and Project framework.

Projects:

Infrastructure Refresh - \$1.5 million

Customer: Solid Energy New Zealand

Role: Architect and technical lead consultant/PM

Project Deliverables: Conceptual Design and costs for: Centralised high availability SAN storage, Windows 2003 deployment from NT4, Exchange 2003 deployment from Exchange 5.5, Citrix upgrade from WinFrame, Exchange migration to SAN, File migration to SAN, implementation of Outlook Web Access, virus protection upgrade and SMTP gateway management.

Storage Migration - \$110,000

Customer: AMP New Zealand

Role: Storage technical lead consultant

Project Deliverables: Lead the upgrade and migration of 2 Terabytes of data from aged SAN storage system to New EVA3000 Storage system to cost and timeframe whilst maintaining business continuity.

Infrastructure Refresh - \$750,000

Customer: Ceritas New Zealand

Role: Architect and technical lead consultant/PM

Project Deliverables: Conceptual design and technical delivery of: Layer2/3 LAN WAN over eight sites, centralised high availability SAN storage, Windows 2000 deployment from NT4, Exchange 2000 deployment from Exchange 5.5 and Lotus Notes, Oracle upgrade, Citrix deployment from WinFrame, PeopleSoft upgrade, SQL migration to SAN, Exchange migration to SAN, File migration to SAN, DR planning across multiple sites and the implementation of a dedicated DMZ for Outlook Web Access, virus protection and SMTP gateway management.

Disaster Recovery Planning - \$100,000

Customer: Downer Connect NZ

Role: Disaster Recovery Architect

Project Deliverables: Business Continuity and Disaster Recovery Planning, including mitigation, management and reaction plans based on ISSP requirements. Architecture of LAN/WAN to accommodate multi-city disaster management. Ongoing disaster planning and addition of other mission critical systems across Oceania. This was a key customer for Computerland, and the recent success of the DRP under test demonstrated an ability to deliver high availability systems across complex environments.

Intranet Refresh – \$150,000

Customer: State Insurance NZ

Role: Architect/technical consultant

Project Deliverables: High availability Intranet portal architecture design, across two sites based on Foundry and Cisco hardware load-balancing and backup and restore within an emerging MS Windows 2000 environment.

Customer: HP (Hewlett-Packard) New Zealand - *Senior Technical Pre-Sales Consultant*

As a permanently employed Technical Pre-Sales Lead Consultant my role was to support the sales effort, liaise with Technical Account Managers, Customer Account Managers and Consultancy Services to underpin their endeavours to deliver technical product and service to the HP customer base. I was responsible for the technical sales effort and enabling the sales win, with the assistance of those around me.

Projects:

Systems Management Architecture Design – \$50,000

Customer: NZ Defence Force

Role: Pre-sales conceptual design and ongoing solution delivery consultancy

Project Deliverables: Design and deliver a working systems management design for NZDF in relation to the employment of HP Proprietary Systems Management.

Central Storage Backup and Recovery –\$ 1.5 million

Customer: NZ Dairy Board

Role: Technical Support Lead

Project Deliverables: Develop a workaround heterogeneous storage backup and recovery environment that failed to meet the customer's original expectations. The redesign was based on a central storage array SAN and high availability NetWare cluster. I worked closely with HP international resource to resolve and close some serious design flaws and technical issues.

The original solution was a collaborative effort between Axon (the labour supplier for Netware) and HP. This engagement was a key customer engagement that required the management of international HP resource to fix a particular problem. My role was a liaison role between HP California, HP Slovenia, HP Australia, HP New Zealand and Novell, through Axon New Zealand, Dairy Board and other suppliers.

Other interest and activities

My main interests are in IT and business management both of which I have studied and applied in depth. I enjoy learning – a must for a MBA Graduate and IT professional.

Away from work I enjoy walking and cycling as well as reading. I also love to write with my main interests in philosophy and political fiction. I love to travel and embrace new cultures and am learning to fly which will allow me and my wife the freedom of New Zealand to enjoy the splendour that this country has to offer.

Recently I have undertaken a guest speaker role for Open Polytechnic of New Zealand offering project management students real life experience examples. This I enjoyed immensely and intend to do more in the future if the opportunity arises.