



## **Cameron Macdonald – ICT Architect / Management Consultant**

Cameron is a senior consultant with over 15 years experience in telecommunications and information technology, particularly involving large-scale enterprise solutions. His broad experience in the ICT industry has recently seen him architecting convergent solutions including Voice over IP (VoIP), WAN and corporate WiFi solutions for some of New Zealand's largest organisations.

Cameron's extensive experience includes prior roles as IT Manager, Programme Manager, Network Architect and Solution Design Specialist for both IT and telecommunications. He is a classically trained manager and business consultant, with both a Bachelors and Masters in Business Administration. His background includes desktop support, technical solution development, SDLC infrastructure architecture and technical project management and governance.



Cameron has a solid understanding of whole-of-life management of technology, of optimising infrastructure to best meet business demand, and of aligning platforms to business outcomes. He has extensive experience in designing, implementing and optimising infrastructure end-to-end to provide affordable solutions.

Examples of relevant experience includes:

- lead architect for the end-to-end solutions across all telecommunications service towers (WAN/LAN, VoIP, Mobile, Internet, Security and Contact Centre) for many major New Zealand Government agencies offering bespoke proposed infrastructures.
- strategic reviews of IT environments and optimisation of infrastructure for many clients including Department of Labour, Vehicle Testing NZ, IBM, and several other clients.
- architected and led several large infrastructure refresh projects including Progressive, Solid Energy New Zealand, Ceritas New Zealand, and NZ Defence Force
- Technical Project management under rapid deployment for technologies including high availability LANs, WANs and Wireless LAN (Wi-Fi) deployments – concrete and carpet.
- architect for large convergent environment for a large-scale outsource contract for Telecom New Zealand. Technical Architecture lead for numerous RFI and RFP responses for several service providers including Gen-i, IBM, HP, and ComputerLand
- for Telecom New Zealand, architect and technical management consulting including development of an 18 month strategic plan for the national Network Design Team. Also significant network design and delivery within the Telecom framework.
- concept, costing and planning of many IT refresh/upgrade projects including Desktop, SAN, Wintel, Exchange, servers, intranet, etc for many clients including AMP, Solid Energy New Zealand, NZ Dairy Board,
- Business Continuity and Disaster Recovery Planning, including mitigation, management and reaction plans. Architecture of LAN/WAN to accommodate multi-city disaster management.
- for U.K. Inland Revenue Department, technical specialist for ICL roll-out of \$6 million high-availability Microsoft Exchange platform (50,000 seats)
- for ICL U.K., was Solution Development Engineer to productise Windows and Exchange high availability, 75,000+ seat application platform in collaboration with Microsoft, Seattle.