

Resume of David Mackie

Synergistic Network Solutions Pty Limited

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Nationality : Australian

Date of Birth: 22 September 1968

Security Clearance details available on request

Summary

For almost 20 years, David has been a leader in networking technology design and deployment. He has been the first engineer in the network consulting team for several companies, focused on building teams into profitable business units.

David has extensive experience in enterprise networks spanning multiple locations.

As the founder of the Canberra Windows User Group, (an infrastructure group), David presented regularly on Microsoft technologies and is able to provide advice on the latest technology solutions to solve business challenges.

David is the Infrastructure Architect and one of the Directors of Synergistic Network Solutions Pty Limited with responsibility for technical direction, holding design authority for all commercial works conducted by Synergistic staff and contractors.

David is a member of the Australian Computer Society, and is an ACS Certified Professional.

Industry Certification Summary

David has earned the following certifications

- Microsoft Certified IT Professional – Enterprise Administrator
- Microsoft Certified Technology Specialist
 - Windows Essential Business Server 2008, Configuring Charter Member
 - Windows Small Business Server 2008, Configuration
- Data Protection Professional for Windows using NetBackup 5.0
- Microsoft Certified Professional
- Microsoft Certified Systems Engineer (NT 4.0)
- Master Certified NetWare Engineer (Connectivity)
- Cisco Certified Network Associate
- Citrix Certified Administrator
- IT Project+ Certified Professional
- ITIL Foundation Certificate in IT-Service Management



Skill Profile

Network Design

David has been designing Local Area Networks for almost 20 Years; these designs have included solutions based on Microsoft Windows Technologies, and Novell NetWare, Integration with UNIX infrastructure.

David has extensive detailed design experience with Standard Operating Environments in the Commercial and Public sectors.

David regularly conducts technology briefings on Windows Infrastructure covering deployment, management, and best practice.

Technical Readiness

David is constantly learning the latest technologies predominately from Microsoft; he was the founder of the Canberra Windows User Group regularly presenting on new technologies, with a slant on what is new and what are emerging best practices.

Small & Medium Business – Design, Deployment & Support

David has delivered Network Solutions to Small and Medium Businesses for almost 15 Years leading to the primary market focus of his company (Synergistic Network Solutions) being 10 to 300 user, single and multi-site organizations.

David is particularly skilled in providing:

- Branch Office solutions
- Offsite Backup and Disaster Recovery
- Wide Area Network Optimization
- Collaboration and Remote Access Solutions
- Remote Support and Management Systems

David has designed and supported networks in the Canberra Region for various multisite organizations such as:

- a Registered Club,
- an Aged Care Provider,
- a Health Care organization with offices in Deakin, Perth and Sydney

As well as several other organizations in single sites such as Schools, Public Relations Companies and Retail stores.

Experience

Synergistic Network Solutions Pty Limited

Infrastructure Architect – Director (June 2002 – Present)

Notable Projects

Centrelink (Feb 09 - ongoing)

David is an Infrastructure Architect in the Infrastructure Services Branch – Design Authority, during his engagement with Centrelink David has;

- Provided technical direction in an availability improvement project;
- Represented the Commonwealth as Architect / Design Authority in a Joint Centrelink Microsoft Consulting project to Design and Deploy a Modernised network based on Microsoft Windows 7 / 2008 R2 and System Center management technologies .

Australian Taxation Office (April 08 - ongoing)

David delivered and maintains a segregated network for the ATO ICT Sourcing Program, this project was won at tender and includes;

- Server Virtualization,
- Lite Touch Desktop deployment,
- Windows Storage Server and
- Microsoft System Center Data Protection Manager 2007

Infrastructure Consultant Murray-Darling Basin Commission (July 07 – Oct 07), (Jan 08 – June 08)

David performed two short term engagements at the Murray-Darling Basin Commission delivering infrastructure projects, developing planning documents and providing 3rd level support.

Notable achievements included the delivery of a Network Access Protection (NAP) pilot to ensure commission laptops and visiting partners' computers are attached to the commission's networks in a secure manner.

Data Protection Consultant (July 06 – Feb 07)

David was engaged by a global Integrator to deliver a large Disaster Recovery project for one of their Commonwealth Government customers. David was responsible for the technical aspects of the project, including vendor engagement to provide aspects of functionality, scheduling of changes, and implementation of functionality assigned to the integrators team in the statement of work.

David was responsible to transition into production, extension of the system to allow migration of backups from the legacy backup solution and tuning to allow for changing system requirements.

Department of Defence (Sept 2002 – Jan 2007)

(SOE) design team; this team is responsible for the design and development of the whole of Defence SOE.

Responsibilities and Achievements

David has provided a wide range of services during his contracts in the Defence SOE team:

- Design and deployment of the standardized backup system for DIE SOE environments based on VERITAS NetBackup
- Led a team of five Systems Engineers that undertook the maintenance and development of the production Command and Control Network SOE. He also managed the project workload and provided the conduit to the Operations Cell for third level support. Held responsibility for solutions design and requirements definition for tasks undertaken by the Command and Control Network SOE Development Cell.
- Provision of technical advice to the Configuration Change Boards, Project Offices, and Clients of the networks supported by the SOE Team.
- David undertook vendor liaison roles with suppliers of products and services in use within the environment.
- David routinely evaluates project design and implementation documents for technical accuracy and fit within the various architectures

Department of Finance and Administration (June 2002 – Sept 2002)

David was engaged to provide IT advice to the eSolutions Group, Strategy, and Service Management. David was responsible for ensuring projects proposed by the outsourcer and others provided value for money, technical soundness and met the requirements of the user area.

David sat on the Departments configuration change board, and managed several projects including:

- Transition of a branch from Finance to another Department following an administrative order effecting 70 users, David managed the technical issues of the transition and liaised with representatives of the accepting Department and both outsourcing organisations.
- Secure Remote Dialup Project, David was responsible for liaison with two service providers for the supply and implementation of a remote access solution, providing technical risk mitigation advice as well as technical design validation.
- David prepared detailed briefings for senior management on projects including Perimeter Security Architectural Models and possible implementation methodologies including the complete outsourcing of the function to a third party managed gateway organisation.

CES Computers Pty Ltd - Professional Services Group

Lead Engineer (July 1997- June 2002)

CES Computers recruited David to help develop the Professional Services Group.

David's role as Lead Engineer primarily consisted of Network Design and High Level Consulting to Corporate Customers, Government Small Agencies, and the

Department of Defence. His experience in Network Integration, Pre-sales, and General IT Consulting contributed to building a profitable service business.

David supervised the activities of 11 network engineers; with each of these involved in up to three separate tasks.

David's technical leadership of the engineering team, provided design authority on projects, developed Work Breakdown Structures, reviewed Work Packages delivered by the other members of his team and estimates of effort required to perform complex projects.

Notable Projects

Department of Prime Minister and Cabinet

Long term consulting role providing design and implementation advice for network upgrade and maintenance including

- Upgrading the Netware environment in the Prime Ministers Office,
- Project Management of Netware for SAA Deployment using a third party contractor,
- Research and Recommendation of the new corporate Groupware platform,
- Design of Automated Application Deployment using Zen Works,
- Design and Deployment Planning for a Secure Internal Network incorporating Thin Client technologies,
- Design and Deployment of the network to support the delegates of the Constitutional Convention for a Republic,
- Design and Deployment of NFS Gateway infrastructure in support of a UNIX based Finance System.

Department of Defence

David conducted diverse tasks under a standing offer to a project within the defence portfolio including

- Conducted a study into the migration of Secure Netware Networks to Windows NT,
- Technical Lead for the development of clustering into the SOE-S environment,
- Part of a Secure Gateway team for Email Connectivity and WWW replication between partner nations,
- Project Manager and Technical Lead for a deployable network providing DRN connectivity in the field including voice and data via satellite, the rapid field deployment was achieved using Cisco AiroNet secured by an IPSec VPN between a maximum of four Nodes.

Corporate and Small Government Projects

- Deployment of Metaframe 1.8 and Nfuse into the High Court of Australia for Court Reporting and Legal Database Access Nationwide,
- Design and Deployment of a secure gateway solution to protect an Automated

PKI solution, based on Firewall-1, PIX and TNT ELM software to provide gateway automation in line with the corporate security policy. Designed and Deployed a Disaster recovery system for RA and Automation software.

- Designed and Deployed of a nationwide Estimation and Jobbing solution for a Major Electronic Printing Group, using Metaframe. Implemented an IPsec VPN Solution using SonicWall Firewalls with VPN Option.

IPEX Information Technology Group

Senior Consultant (Nov 1994-July 1997)

David's role as Senior Consultant primarily consisted of network design and high level consulting to government and corporate customers. David has been involved in the scoping and design of major projects conducted by IpeX in the timeframe from Nov. 94.

David has conducted the project management functions for projects up to the value of \$600,000. Being part of the Network Integration Services team, David's primary role at IpeX was to design and implement network solutions. David's extensive experience with interconnectivity via NetWare and multiple other operating platforms such as Microsoft Windows NT and UNIX services as well as communications hardware setup and configuration, makes him a crucial part of all Network Integration Projects under taken by IpeX.

Royal Australian Navy

Electronic Technical Systems Sailor (1985-1994)

David Maintained various systems including Navigational Aids, Sonar and Naval Combat Data Systems. Secondary duties included maintenance of Networked Computer Systems based on XENIX and Netware 3.x.

Education

Professional

Microsoft <ul style="list-style-type: none">• Windows 7, Configuring*• Windows Server 2008 Active Directory, Configuring*• Windows Server 2008, Enterprise Administrator*• Windows Server 2008 Applications Infrastructure, Configuring*• Windows Server 2008 Network Infrastructure, Configuring*• Windows Small Business Server 2008, Configuring*• Windows Essential Business Server 2008, Configuring*• Designing, Deploying and Managing a Network Solution for Small and Medium Sized Business*• Designing a Microsoft® Windows® 2000 Network Infrastructure• Designing Security for a Microsoft® Windows® 2000 Network*• Designing a Microsoft® Windows® 2000 Directory Services Infrastructure• Microsoft Systems Management Server 2.0,• Microsoft Proxy Server 2.0*,• Updating Support Skills from Windows NT 4.0 to Windows 2000,• Windows NT 4.0 Core Exams*	Network Appliance <ul style="list-style-type: none">• Data ONTAP System Administration• Data ONTAP Advanced System Administration and Troubleshooting VERITAS (Symantec) <ul style="list-style-type: none">• Design of Data Protection Solutions for Windows (NBU 5.0)*• Implementation of Data Protection Solutions for Windows (NBU 5.0)* Project and Service Management <ul style="list-style-type: none">• Comptia IT Project+*• Prince 2 Foundations and Practitioner• ITIL IT-Service Management Foundations* Security <ul style="list-style-type: none">• Cisco Secure PIX Firewall Fundamentals & Advanced• Introduction to Firewall-1 (Check Point 2000 Edition)• Deploying and Managing Microsoft ISA Server 2000 Novell <ul style="list-style-type: none">• NetWare 4.11 to NetWare 5.1 Update*• NetWare 4.1 - 4.11 Update*• Fundamentals of Internetwork Management & Design*,• Novell CNE IT: - 3.11 - 4.x update*,• NDS design, Install and Configuration W/S*,• Novell NetWare 4.x Advanced Administration*
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NB * indicates exam taken and passed

Tertiary

Advanced Certificate of Electronic Maintenance	Radio Fitter Mechanic (Electronic Systems)
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References

References available on request.