

**PACIFIC WIRELESS** is a wholly Australian owned and operated Telecommunications provider headquartered in Cheltenham, Victoria.

Pacific Wireless' executive management have developed a business model that delivers totally integrated communications solutions especially geared to SMEs and Internet Service Providers, using state-of-the-art wireless broadband technologies for internet and intranet based applications.

The company has a strong background in telecommunications infrastructure provisioning, and is large enough to deliver and manage a full network solution yet flexible enough to tailor a communications package for each individual requirement. Pacific Wireless is committed to constant improvement of all service offerings and exercises worlds' best practice in all installation and network management activities.

The Pacific Wireless network was designed and deployed from the ground up, and incorporates all the management tools to cater for future traffic growth across their extensive network. This network is founded on application aware switching, allowing close monitoring of security and the network, and enabling the allocation of Quality of Service requests. This also ensures the collection of usage statistics and allows the capture of comprehensive billing and data information for dissemination across the network.

### **NEXT GENERATION TECHNOLOGY**

The Pacific Wireless model is driven by state-of-the-art wireless networking technologies, and network management systems universally regarded as best of breed. Pacific Wireless provides network solutions that deliver proven performance and total reliability.

The Pacific Wireless network design consists of trunk radios to strategic hubs which then span out with the 'Last Mile' link to you the customer. As hubs inter-connect they form a resilient network for reliability and greater bandwidth availability.

### **NETWORK MONITORING**

The strategic hubs and the network control centre have 'Best-of -Breed' Layer4 management tools continually monitoring the network 24 hours a day to ensure the highest performance. Any loss of performance across the network is detectable and the required response is actioned in line with our Service Level Agreement.

### **SERVICE LEVEL AGREEMENT**

Pacific Wireless customers receive a Service Level Agreement (SLA) which guarantees performance standards and always strives for world's best practice. This SLA provides a high degree of security and peace of mind, and ensures that agreed services are always delivered.



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## high speed wireless internet

Once, when we thought of wireless communications, our minds turned to Cellular phones and satellite communications in rural areas. Today the era of Wireless Internet has arrived, fulfilling the promise of affordable, accessible high-speed data transmission and Internet access for businesses, institutions and Internet Service Providers. Unlike other services, wireless is a full duplex solution, offering high speed upstream and downstream data transmission. Wireless technology stands apart as the standard-of-choice of IT professionals seeking reliability, security and flexibility in today's ever increasing bandwidth hungry environment. Wireless Internet delivers a cost effective and absolutely scalable broadband data transmission solution, with many advantages over fixed wire services.

Wireless is geographically independent.

Without the constraints of fixed cabling, wireless can be rapidly deployed and efficiently and effectively managed. This ensures that broadband connections may be achieved in areas that wired services are unable or uneconomic to reach, and can usually be connected in a fraction of the time of traditional hardwire services. Saving time, effort and stress for the forward thinking IT professional.

Pacific Wireless is the provider-of-choice for contracted, future-proof networks to Business, Educational Institutions and Internet Service Providers. Deploying and managing high performance Internet Gateways, VPNs and fully managed WANs, Pacific Wireless has the skill, experience and expertise to deliver communications solutions to any requirement. Whether the need is for a point-to-point Internet based solution or a multi-site Intranet between 2 or more businesses connectivity can be achieved with a fast reliable backbone to the internet. Pacific Wireless specialises in designing, installing and managing fully customised wireless communications systems to suit.

Pacific Wireless also specialises in point-to-multipoint wireless local loop infrastructure for one or many connection environments. This service delivers exceptional communications capabilities to distributed network structures enabling fully monitored communications facility with a



distributed network structures enabling an always on 24 hour monitored communications facility with central office. It also greatly assists ISPs and IIPs in reducing their customers' reliance on multiple wired services, bringing greater control, centralising services and minimising costs.

### **BANDWIDTH ON DEMAND**

Pacific Wireless' network solutions start from access speeds of 256kbp/s, are highly scalable, and are fully managed to provide the required level of high speed internet /intranet connections to meet the immediate and future needs of all users.

### **GEOGRAPHIC COVERAGE**

Unlike wired broadband services, Pacific Wireless' fixed wireless and wire-line services are available virtually everywhere within their network. This is particularly valuable in multi-site arrangements where fixed wire "last mile" technologies are often unavailable or uneconomic. Pacific Wireless has an expanding network, with planned growth to cover many metropolitan and regional population centres.

### **VIRTUAL PRIVATE NETWORKS**

A Pacific Wireless VPN can provide the ideal blend of security and convenience to network access for remote tele-workers, as well as secure office-to-office connectivity, providing excellent management control, information and economy.



### **REDUNDANCY**

Redundancy can be tailored to suit individual business circumstances, and range from high-level security and specific system environments, to simple switched ISDN redundancy provisioning.

### **SPEED & SECURITY**

Wireless Internet solutions provide a cost effective alternative to fixed wire services and offer considerable incremental benefits. Wireless can be deployed in a fraction of the time that fixed wire services demand, with minimal environmental disruption, and with familiar technology. Wireless carries a high level of flexibility and bandwidth can be manipulated in real time to provide the optimum level of service to cater for the growing demands of business.

### **FULL DUPLEX**

Wireless network solutions are highly scalable and deliver high speed full duplex upload and download streams for internet/intranet connections to meet the immediate and future IP application requirements of all types of users.

### **NETWORK DIVERSITY**

The convergence of web-based multimedia such as video conferencing, streaming video, WWW, VoIP, E-Commerce and SAP based applications can be simultaneously achieved by Pacific Wireless across a single wireless connection. This capability greatly eases the pressure on IT Managers charged with the responsibility of performing higher quality functions at lower cost as a formal network diversity strategy becomes an integral part of most corporate IT strategies.

