

Scalability

Agility

Security

macquarie
TELECOM



Macquarie Hosting

"The Macquarie Telecom hosting infrastructure has an impressive level of resilience and security. This, combined with the certifications and accreditations Macquarie Telecom has gained, means we are secure in knowing that it has the processes necessary to meet all corporate governance standards."

- Craig Gibbons, NRMA Motoring & Services

"If we need to run a campaign that's going to increase our traffic, we can scale up our infrastructure on demand and that's something we could not do with other providers. Macquarie is willing to change the way they do things. They are always there; they are part of my team. Great customer service."

- James Grierson, Group IT Manager, PBL Media

Secure your business with Macquarie Hosting

Macquarie Hosting is a division of Macquarie Telecom specialising in the design, sourcing and delivery of customised hosting solutions for critical online applications. Online applications have become increasingly essential to the success of business and government organisations. They must be secure and reliable as well as offering flexibility and scalability.

Macquarie Hosting solutions are housed in our purpose-built carrier grade data centre, called the Intellicentre. This integrates with our IP data, voice and mobile networks providing you with the infrastructure, protection and proven processes to cost-effectively meet all your hosting requirements. Backed by the highest-level of accreditations, the Intellicentre is the foundation your business requires for hosting critical applications.

Address your business challenges with Macquarie Hosting

Business Security

- ✓ End-to-end security solutions combining professional services with advanced technology, 24x7 management and monitoring.
- ✓ Security policy, procedure development and implementation, with testing and health checks for security strategies and frameworks.
- ✓ Ongoing security patch management.
- ✓ Reassurance of partnering with industry recognised companies with security standards and experts.

Business Uptime

- ✓ Multi-carrier, vendor-neutral solutions with gigabit LAN and IP WAN services.
- ✓ Robust platform with highest-level availability and security over 2Gbps Internet connectivity.
- ✓ Fully redundant facility and environmental services backed with SLGs.
- ✓ 24x7 network operations centre, with a team of 30+ engineers.
- ✓ N+1 offering with reliable, converged technologies.

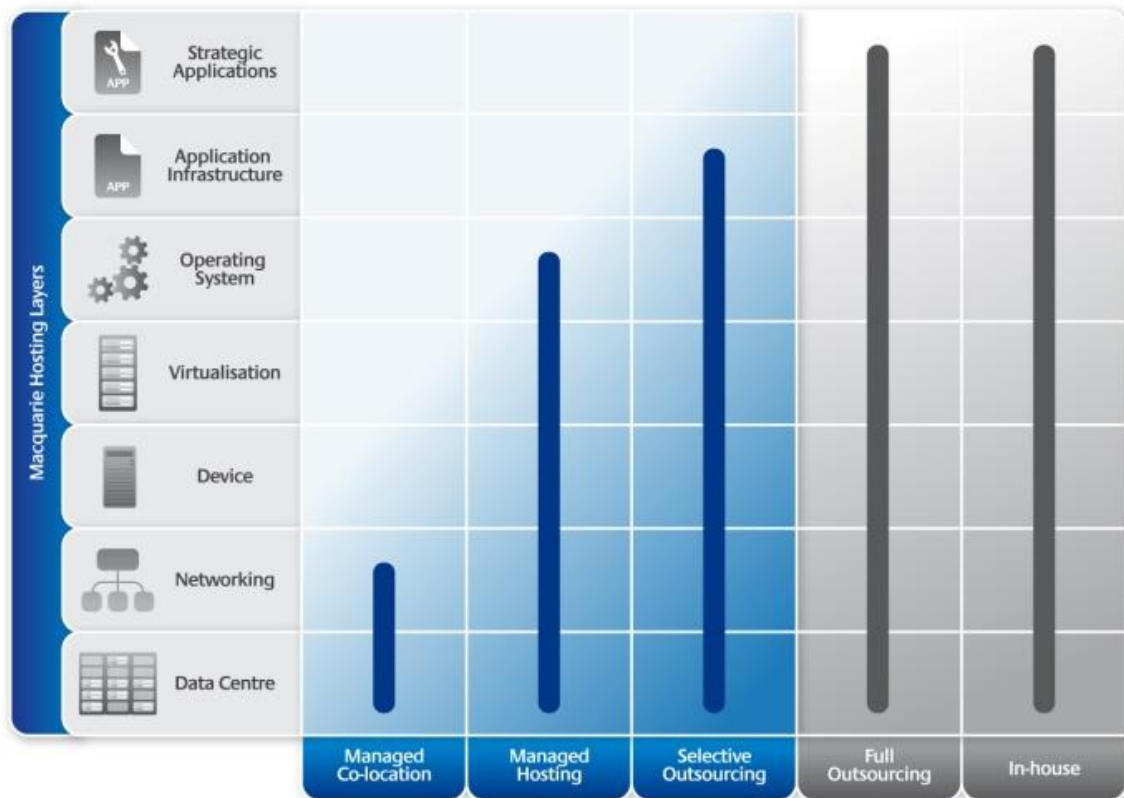
Business Focus

- ✓ Access the skills of our engineers 24x7.
- ✓ Full service from our carrier-grade hosting facility, the Intellicentre.
- ✓ Lower operational risk due to proven accredited processes and procedures.
- ✓ Selective outsourcing solutions custom built to your specifications.
- ✓ Bundling of voice, mobile, data and hosting with a single invoice.

Business Scalability

- ✓ Ongoing investment in infrastructure allows for growth.
- ✓ No capital costs needed upfront.
- ✓ Custom-built floors on multiple levels of the Intellicentre with further expansion options.
- ✓ Completely enclosed areas segregated from other businesses available e.g. separate security racks or custom built areas.
- ✓ Cooling towers and UPS power supplies support scalability.

| Macquarie Hosting Options



Managed Hosting/Application Hosting

- ✓ Macquarie Hosting can design, source, build, configure and manage your multi-server high-availability solutions.
- ✓ We can manage your environmental, infrastructure and security management services whilst you retain management and control of your key applications.
- ✓ Alternatively you can choose to provide and manage your own applications; backed by our 24x7 first class expertise in managed infrastructure.

Managed Virtual Hosting Solutions

- ✓ Physical server infrastructure can be multiplexed into "virtual" machines, allowing you to share hardware and network infrastructure for your applications without sacrificing operating system independence, privacy or performance.
- ✓ Allows further levels of flexibility and scalability of design.

Managed Co-Location Services

- ✓ You can co-locate your own equipment at the Intellicentre, providing you with all the benefits of a high-availability "communications room", without the need to outlay investment for this level of redundancy.
- ✓ Solutions start at a dedicated half rack, full rack, multiple racks and range up to custom racks and full suites.
- ✓ Value-added services include co-location options, or you may choose to fully manage your own environment.

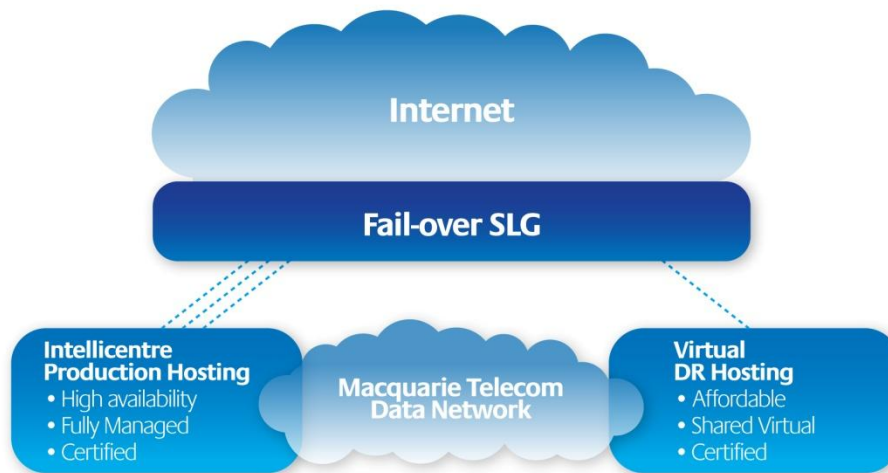
Dedicated Managed Hosting Solutions

- ✓ Similar to Enterprise Managed Hosting but a simpler design for smaller scale environments, it involves dedicated servers with basic security and Internet services.
- ✓ You can also attach value-added services to this solution such as SAN and firewalls.

Additional services to complete your hosting solution

- ✓ High-availability Gbps Internet with perimeter managed firewall services
- ✓ Managed network intrusion prevention services
- ✓ Managed host-based intrusion detection services
- ✓ Managed dedicated private firewalls
- ✓ Managed server anti-virus
- ✓ Storage Area Network (SAN) services on demand
- ✓ Managed backup solutions for servers
- ✓ Microsoft®, Red Hat® and VMware® license rental
- ✓ Server load balancing
- ✓ Real-time visibility of your data and hosting services with our online management tool, InView
- ✓ Server clustering

Macquarie Hosting solutions typically deliver 99.99% uptime with high-speed redundant Internet performance. We design, build and manage all the infrastructure and operating system environments for these solutions, using a 4-tier high-availability model. With Macquarie Hosting handling your infrastructure, your staff is free to focus on core IT business issues.



When is Macquarie Hosting right for my business?

- ✓ Your business is web-based and requires high-availability, online, transaction environments.
- ✓ Your online applications need guaranteed uptime, reliability and scalability.
- ✓ You do not have the time or resource to manage your security needs.
- ✓ You prefer not to manage your own server environment and infrastructure.
- ✓ Infrastructure management and skills are becoming a problem in your business.
- ✓ You need the flexibility of scalability on demand.
- ✓ You want to be able to extend the economic life of your existing IT infrastructure through consolidation.
- ✓ You have limited in house skills.

A Sustainable Hosting Platform

- ✓ Hosting plays a very important role in the carbon-aware future by increasing “carbon productivity” through maximising economies of scale of the Data Centre. As an operator of Data Centres, Macquarie Hosting is acutely aware of its responsibility and we have an active sustainability program in place to drive Data Centre efficiency and optimisation.
- ✓ The unique differentiation of our "Sustainable Hosting" platform arises from our holistic philosophy, which combines best-practice Green Data Centre infrastructure with innovative application of technology, namely:
 - Economies of scale achieved through high-density floor layouts, redundant cooling units and dual power-grid feeds
 - Best practice Data Centre infrastructure including latest strategies for optimised cooling air-flow
 - Leveraging technology such as virtualisation, to multiply the efficiencies achieved on the infrastructure level
- ✓ Our “Sustainable Hosting” platform effectively changes the IT energy consumption equation - such that a potential doubling in demand will not bring about a doubling in energy requirements.

Australia's most secure and accredited data centre

Physical security

- ✓ Every Intellicentre employee undergoes multiple background security checks before they are hired.
- ✓ Mantraps, keycard protocols, biometric scanning protocols and round-the-clock interior and exterior surveillance monitor access to the data centre.
- ✓ Monitoring of all doors, riser cupboards, plant rooms, etc.
- ✓ CCTV with motion detection and fixed cameras with digital recording capability.

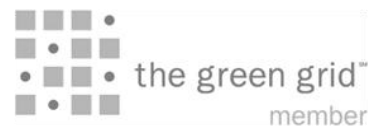
Precision environment

- ✓ We offer the cleanest and safest environment with our air conditioning and fire protection processes.
- ✓ We guarantee conditioned power and uninterruptible power supply (UPS) with
- ✓ multiple UPSs, multiple generators, multiple cooling towers, and a battery bank.

Certification

Customer Benefit

Australian Standard ISO27001: 2005	<ul style="list-style-type: none"> ✓ Macquarie Hosting was the first Australian telecommunications carrier and hosting provider to be certified by SAI Global to ISO 27001 Information Security Management Systems (ISMS). ✓ This is a new international standard to help global businesses secure their information assets and boost defences against costly security attacks. ✓ Replaces previous AS7799 and BS7799 security standards.
Defence Signals Directorate Gateway (DSD)	<ul style="list-style-type: none"> ✓ Macquarie Hosting was the first telecommunications provider in Australia to achieve this highest-level certification, providing protection up to the 'Highly Protected' and 'Restricted' level of classification.
ASIO T4	<ul style="list-style-type: none"> ✓ Physical data centre security standard for Federal Government
Red Hat® Enterprise Hosting Partner	<ul style="list-style-type: none"> ✓ Macquarie Hosting is the only Red Hat® Enterprise Hosting Partner in Australia to deliver highest quality Red Hat®-based managed services.
SunTone® Certified	<ul style="list-style-type: none"> ✓ SunTone® certification confirms Macquarie Hosting meets stringent scalability, availability, reliability and performance standards necessary for quality deployment.
Microsoft® Gold Certified Partner	<ul style="list-style-type: none"> ✓ Guarantees high-performing Microsoft® business solutions and superior service with access to pre-sales technical support.
VMware® Authorised Hosting Partner	<ul style="list-style-type: none"> ✓ Enables our Dedicated Managed Virtualisation solution that delivers additional capacity and scalability on
PCI DSS Compliance	<ul style="list-style-type: none"> ✓ When you host your E-commerce solution with Macquarie Hosting, 80% of your compliance requirements are already done.



How to contact us

Call 1800 004 943 to speak to a Hosting Specialist

www.macquariehosting.com to fill in an online enquiry