Nextgen Group Data Centres

More choice, greater flexibility, integrated connectivity

With nine data centre facilities around Australia – more than any other operator – we offer more options to house and secure your mission critical data.

Our racks can support IT loads from 2kW to 30kW and you can grow from a single rack to an IT room or even an entire data hall.

Key features of all Nextgen Tier III data centres at a glance

- 100% uptime since 2002
- 15,000m² space in nine locations across Australia
- Uptime Institute Tier III Accreditation
- Patented BladeRoom™ Data Centre system offering Power Usage Effectiveness <1.2
- Supported by Nextgen’s 16,000km National Fibre Network
- 75 interconnected data centres
- Vendor and carrier agnostic
The best place to be

All our data centres are connected to our fully redundant fibre network, one of the largest in the country. Established in 2001, Nextgen’s Tier 1 network spans over 16,000 kilometres connecting mainland capital cities as well as regional and remote areas. The network provides connectivity at speeds of up to 100Gbps.

Our state-of-the-art data centres offer your business the peace of mind that your critical ICT systems are being housed in optimum conditions.

Reliability

Our continued investment in the best possible facilities, equipment and personnel means that our centres have maintained an impressive 100% uptime since 2002. Our data centre facilities are located strategically to link with key telecommunication hubs across Australia. Sites are selected after a thorough assessment of key evaluation criteria, including ensuring that facilities are away from natural disaster areas, active runway thresholds, high risk industries, 1/100 year flood plains, or significant dams, lakes and water courses.

Connectivity

All of our data centres are connected to Nextgen’s national fibre network, providing connectivity to central business districts, metropolitan areas and remote and rural sites across the country. Each provides access to our transmission, switched and internet services. This means you can put your data where it suits you, without compromising access to cloud applications. The network also connects you to our partner ecosystem of 75 key commercial data centers across Australia.

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The Nextgen Difference
Nextgen Group is a business built upon the idea of going further. Technically we go further, geographically we go further and, in terms of our commitment, we’re constantly prepared to go further than our competitors to deliver results for our customers and the community.

Future-proofing
You can have the confidence that comes with knowing that your data centre can support you as your IT needs change.

Leveraging BladeRoom™ data centre technology, we can offer a range of rack densities, from 2kW per rack to 30kW per rack. This enables the provision of low, medium or high density IT racks – or a combination of all three within the same facility.

Energy efficiency
Our newer Tier III facilities are built using the cutting edge BladeRoom™ data centre system offering a Power Usage Effectiveness (PUE) of less than 1.2, making them the most energy efficient data centres in Australia. This means you are helping create a greener planet.

Security
The IT infrastructure you locate in our data centres is in trusted hands. Our highly experienced security team ensures that your mission critical infrastructure is never compromised.

Physical entry points to our facilities are controlled by biometric readers and are alarmed; CCTV is used extensively and is monitored from centrally located security control rooms.

Vendor & Carrier Agnostic
Our data centres are vendor neutral, giving you choice and flexibility for the life of your data centre investment. In addition, Australia’s largest telecommunication carriers and service providers have established points of presence in our facilities, presenting you with an array of colocated services and options.

About Nextgen
The Nextgen Group has a heritage originating at the start of telecommunications infrastructure competition in Australia. Our clients include many of Australia’s leading companies, government departments and carriage providers. In June 2013, Ontario Teachers’ Pension Plan (OTPP) acquired 70% of the Nextgen business, with Leighton Holdings Limited retaining 30%. With $129.5 billion in assets, OTPP is one of the largest global investors in the world, providing us with the financial strength and stability to continue to invest and service Australia’s communications future.

We own and operate our network of vendor and carrier agnostic colocaton data centres across Australia through our data centre division Metronode. We also offer a full suite of data centre design and construction services.
Nextgen Group’s National VPLS is a premium performance, Ethernet (Layer 2), customer controlled and flexible data service for connecting the multiple sites of Australian corporations.

VPLS (Virtual Private LAN Service) technology is internationally proven and defined by the IETF (the Internet standards body). Nextgen Group’s implementation uses MPLS as the underlying technology to deliver carrier grade QoS (Quality of Service) and network availability.

Customer benefits of Nextgen Group’s National VPLS service include:

- The simplicity of a single service at any location with any-to-any connectivity between all sites in a national, secure VPN (Virtual Private Network) customer cloud
- Support for the widest range of IT applications because our Ethernet (Layer 2) VPN is Network Protocol Transparent [*1]
- Customer control of the equipment that connects to the VPLS and how the access circuit is logically configured, not requiring co-ordination with the carrier, as with other VPNs
- Support for real time and mission-critical applications with low latency and Quality of Service (QoS) included as standard to all sites
- Lowest total cost of ownership with the simplicity of Ethernet (Layer 2) connectivity and our bundled pricing which includes advanced features

Customer Controlled and Ethernet Simplicity End-to-End QoS - Voice & Video Ready Multiple VLANs - Customer Managed Access Options: 512Kbit/s to 1Gbit/s

Find out how you can strengthen your IT infrastructure. Speak to one of our Consultants or arrange a tour of our data centre:

Phone: 1300 653 351
Email: info@nextgengroup.com.au
Or find out more: www.nextgen-datacentres.com.au

Certifications

Uptime Institute Tier III Design Accreditation

Tier III design accreditation provides customers with certainty that new generation facilities have been designed to provide concurrent maintainability of the critical infrastructure.

Uptime Institute Tier III Facility Accreditation

Tier III constructed facility accreditation provides customers with certainty that the critical infrastructure deployed in the new generation facilities has been extensively tested during commissioning by The Uptime Institute to prove concurrent maintainability of the operational facility.