

INTERNODE DATA CENTRES



*The simple way  
to secure your  
business information.*



**Internode**  
.com.au

## ***Internode Data Centres***

If security of, and access to, information are important to your business, Internode Data Centres can help. Internode is a leader in the provision of world-class, co-location data storage facilities. We continually evolve our services across Australia and stay at the forefront of technology. So when you outsource your data centre requirements to Internode, you'll know that your business information is secure. Plus you'll still be able to access this important information wherever and whenever you need it.

### ***Advancing information management***

Business information is the lifeblood of any organisation, an asset that needs to be protected, environmentally managed and made accessible whenever needed.

To maintain an effective business information and IT infrastructure, organisations are increasingly outsourcing their data centre requirements. Not only is this a more cost effective way of managing data, it also allows an enterprise to focus on its core operations and competitive strengths.

Most importantly, a leading data centre solution can deliver a range of valuable benefits: secure data storage and web hosting, increased availability of information, greater environmental stability and the certainty that comes with a safe and secure business continuity plan. The key is in choosing the best possible partner to work with your organisation.

## ***Reliability and Scalability***

Internode's leading edge data centres are designed, engineered and built for reliability and scalability. Since 1991, technology excellence has fuelled our business growth, and today we are one of the largest providers of data centre services in Australia.

Secured against environmental challenges, our data centres provide Disaster Recovery services, Internet Server Co-location services and Corporate Web Hosting solutions.

With four Internode Data Centres in Adelaide, Melbourne and Sydney (including a second Adelaide facility, purpose built and opened in 2007), we place the emphasis on advanced connectivity into a robust physical environment. This provides your organisation with maximum high-availability, high-performance services.

## ***Excellent service and support***

At Internode, we have built our reputation on our technical distinction matched with a strong commitment to service. Our data centre customers rely upon our experienced and highly trained professionals to provide outstanding 24x7 customer service and support.

## ***Carrier-grade managed environment***

Internode Data Centres are built to provide the best possible level of service and management. Sophisticated monitoring systems ensure that round-the-clock support staff are immediately advised on variations in critical performance parameters. This means you receive the highest possible data availability for your business. Our second Adelaide data centre (ADL6) in Franklin Street represents an investment of more than one million dollars into a purpose-built, carrier-grade facility with more than 1000 square metres of capacity

## *ADL6's Next Stage*

ADL6, Internode's inner-Adelaide Data Centre is already a world-class carrier-grade hosting and co-location environment.

And now, ADL6 is set to offer a new level of co-location service.

In addition to the traditional, low-density, hot-aisle-cold-aisle co-location facility, the Franklin Street Data Centre is now offering a low-energy, strongly insulated, high-density service module.

Based on the Australian-designed and manufactured Datapod system, this new, and physically discreet, addition to ADL6 provides:

- Higher power density, starting at 4kW per rack and ranging up as high as 10kW per rack and beyond.
- The APC Hot Aisle Containment System. This captures equipment exhaust at source and cools it only as much as is necessary before passing it to the CRAC units, creating a highly-efficient, self-contained cooling system that uses less energy and supports high-density equipment arrays.
- Strong insulation and low-power LED lighting in the Datapod itself to further control and reduce power use.
- The APC InfraStruXure monitoring system. InfraStruXure is a vendor-neutral equipment, service and infrastructure and access monitoring and simulation system. Along with the physically discreet Datapod module, InfraStruXure allows Internode to offer an extra level of physical and monitoring security to dedicated high-density co-location customers.
- InfraStruXure's real-time power, cooling and environment monitoring and extensive array of simulation tools, which allow Internode to provide dedicated high-density co-location customers the best possible physical setup to ensure both high availability and low power usage.
- Deep modularisation based entirely on industry standards. ADL6's Datapod is a highly configurable physical environment, allowing Internode to fine-tune the installed generators, chillers, fire-control systems and so on. None of this configurability requires co-located equipment change, however: Datapod racks are completely industry standard, with up to 42 rack units per rack, taking any standard rack-sized device as well as blade-oriented equipment.

## *Security*

All areas within Internode Data Centres are protected by video surveillance, motion sensors and security alarms. Additionally, all access is via individually tracked proximity cards, in conjunction with the latest in biometric authentication.

## *Power*

Internode provides dual power feeds to each rack for maximum power integrity. These are protected by an Uninterruptible Power Supply (UPS) as well as an onsite diesel generator, with extensive onsite fuel storage.

## *Environmental stability*

Our data centre facilities provide a tightly controlled physical environment. Conditions are maintained at a uniform level, with optimal relative humidity and temperature. Multiple air-handling units with 'N+1' redundancy, backed by dual chillers with extensive onsite water storage, ensure consistently sound environmental conditions.

## *Stress free Internet.*

**Across Australia our corporate, business and residential customers enjoy the ultimate state of online contentment – Stress free Internet. We're able to offer this bliss because we have our own high performance network dedicated solely to Internode customers. We are passionate about the Internet and provide the highest level of technical support to ensure that our broadband service is the most consistently performing in Australia. Switch to stress free Internet with Internode.**

## ***Co-location services***

Our Co-location services include a range of offerings to meet your exact business requirements. You can choose from just one rack unit through to an entire rack; with the option of private areas for larger requirements. Internode's Co-location services are available as shared access or dedicated access.

### ***Shared Co-location***

Smaller co-location requirements are best off using our Shared Co-location services. This is available on a per-rack-unit basis, and involves secure escorted access at all times.

### ***Dedicated Co-location***

For larger co-location requirements we recommend our Dedicated Co-location services. This includes 24x7 unescorted access to your equipment, and is available in options of one-third, one-half or full racks.

### ***Corporate Web Hosting solutions***

Internode's Web Hosting solutions include options for Business Web Hosting, Virtual Servers and Dedicated Server Hosting.

### ***Disaster recovery services***

A range of disaster recovery services is available for all Internode's Data Centre customers. This includes backup for client machines anywhere in our data centres to secure off-site data storage devices.

### ***Associated services***

Internode provides a comprehensive suite of related services for co-location customers, including private IP wide area networks; off-site secured data storage; managed equipment including routers, firewalls, switches and servers; sophisticated server monitoring systems and more.

### ***Fire protection***

We use a sophisticated fire detection and suppression structure across our data centres. This encompasses Very Early Smoke Detection Alarm (VESDA) fire detection systems, FM-200 gas suppression, and dry-pipe extinguishers.

### ***Connectivity***

Internode's 'carrier-neutral' facilities support connectivity from all major telecommunication carriers. The buildings are connected via fully diverse optical fibre paths. We also offer separate building entries to Internode's own international Internet Protocol (IP) network; supporting high performance Internet and private network connections at any bandwidth required.

## ***Your Next Stage***

ADL6's next stage is all about doing more (useful work) with less (energy, cost and fuss), and doing it elegantly, cleanly and continuously.

If this sounds like your next stage as well, contact your Internode Account Manager, visit [www.internode.com.au/business/data\\_centres/](http://www.internode.com.au/business/data_centres/) or call our team on 13 NODE (13 66 33).



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