nextgen GROUP

"Is it always better to own your own data centre?"

A CIO Jury panel of tech decision makers responded with a resounding **'NO'** to this question by a **margin of 11 to one¹**.

Over **three-quarters** of Australian organisations that utilise a data centre use outsourcing².

In an environment where economic, technical and regulatory pressures are all impacting business ICT infrastructure, enterprises can find they are either rapidly exceeding, or under-utilising, the capacity of their in-house data centres – **making a powerful case for colocating.**

Six benefits of colocation

Agility
Achieve the flexibility and scalability necessary to respond to changing customer needs and gain a competitive advantage[3]

IT Managers with a fully integrated data centre are 4 times more likely to deploy a new business app within 5 days[3]

Better network, stronger connection
As traffic increases so does the demand for better connectivity that offers low latency. Give your business greater choice and the opportunity for cost savings – while improving your speed

In Asia Pacific, data centre traffic will grow to 88% of total end-user traffic in 2017, up from 76% in 2012[4]

Service continuity
With advanced facility design and leading-edge equipment, proven colocation providers offer high levels of redundancy and reliability – helping you avoid the threat of downtime

1 minute of downtime costs over AU$8,000 on average – a 41 percent increase from three years ago[5]

Pay for what you need
Colocation reduces the need for large upfront capital investments

47% of data centre outsourcing[6] is driven by cost reductions initiatives

Improve infrastructure performance
Maintain your IT infrastructure in peak condition with best in breed solutions and the know-how of experts in networking, security and other key areas

70% of outages are attributable to human error highlighting the critical importance of having effective operations and maintenance staff[7]

Risk mitigation
A separate data centre means that if power or access issues develop at HQ, your infrastructure is still able to run. Purpose built data centres also provide stronger protection against security threats

62% say security and regulatory compliance are key when making the decision to use a data centre facility[8]

5 steps to successful data migration

01 **Understand your existing needs** with regard to security, power density and connectivity to determine which workloads are better located in an external facility.

02 **Select an environment** that allows growth, improves security and provides integrated connectivity. Make sure the SLAs provided support your ICT performance targets.

03 **Create a plan** covering logistics, asset location and cutover. Ensure your solution provides the space and communications capacity required during migration and fallback.

04 **Communicate** with all stakeholders to ensure they understand their role during the cutover. The migration will interrupt regular work schedules, so communication is critical.

05 **Update procedures and documentation** for post cutover operations. Ensure that management of service levels is baked into the new processes.

1. 'Own our own data centre? Why would anyone do that, CIOs ask', ZDNet, April 2, 2013
2. Frost & Sullivan, Australian Data Centre Services Market 2014 June 2014
3. Softchoice The Virtual Space Race: How IT with 'The Right Stuff' creates a competitive advantage, March 2014
4. Cisco Global Cloud Index (2012–2017), 2013
5. Ponemon Institute, 2013 Cost of Data Centre Outages, December 2013
6. Gartner, Green IT Services as a Catalyst for Cost Optimization, December 2008
7. Uptime Institute, 'Uptime Survey results on data centre staffing', March, 2011
8. DLA Piper, 2014 Global Data Centre Market Report, January 2014