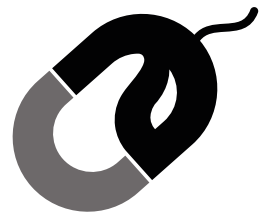# Move your business into the **cloud** and reduce your total in-house infrastructure costs

Lift & Shift

Take your existing, dated hardware and move it into the cloud. Let our team reduce your inhouse liabilities.

Reduce Costs

Cloud computing allows you to pay as you consume. No up-front costs to outlay. No expensive hardware to buy.

Streamline

Take the opportunity to review your existing infrastructure and find smart ways to further condense your server and network needs.

Get In Touch With Us.

Call Chris
0438 855 884
chris.karapetcoff@computingaustralia.group

CLOUD COMPUTING

Your guide to moving your business into the cloud.
An overview of the what, why and how of cloud computing.

Cloud computing is the delivery of computing services, including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale.

Cloud computing comes with many advantages:

Cost savings – you do not need to outlay a massive amount of money to purchase server equipment. You are able to pay a fixed monthly fee that is predictable. Maintenance and energy costs are also significantly less than fixed infrastructure.

Scalable – cloud computing is elastic – it can expand and contract as your business grows. When you add more staff, it is easy to scale the cloud solution to accommodate more users. Likewise, if your business goes through a downturn, you are not stuck with an expensive system because it is easier to downscale also.

Secure – cloud hosting has many security features already built in. It means you are less preoccupied with concerns of data security because your cloud host will have invested heavily in this area. Since cloud infrastructure resides in the cloud, you do not need to be worried about burglary, fire etc, which significantly reduces your risk profile.

Better Collaboration – having your data and infrastructure in the cloud removes a reliance on people working at a fixed location. Staff can work anywhere in the world and get the exact same experience in or outside the office.

Unlimited Storage and Backups – there are no limitations on the amount of storage you can add to your system. When you buy an in-house server, you potentially need to keep upgrading disk storage. It takes very little effort to expand storage in the cloud and you only pay for what you use.

Latest Technology – Cloud solutions are constantly evolving and updating with new features. You get access to these improvements at the same time they are made available to all cloud users. When you utilise in-house solutions, it can take far longer to adopt new technology.

Competitive Edge – As a business owner or IT Manager, it is our responsibility to put the best IT system in place for our staff. Cloud systems reduce downtime and speed up productivity. For every company that embraces cloud, there are many more that have not. By adopting the latest technology, you gain a competitive edge over your competitors.

Preparing for Cloud Computing Get your business ready to move into the cloud.

If you are thinking of moving your business from on-premise infrastructure to cloud hosted, there are a number of important considerations:

Pre-deployment Readiness Assessment – your selected cloud provider will need to conduct a needs analysis to determine if your business is ready for the transition to cloud computing.

Internet / Review – conduct a revision of your present internet connectivity. Is it fast and reliable enough? When your data and computing moves into the cloud, you need to ensure that the experience for the end user is not compromised. Getting a reliable connection that offers high bandwidth and speed is recommended. We may even recommend a second internet connection to ensure that you have a fallback in case the primary connection has an outage. If you cannot guarantee speed and reliability, a move to cloud may be ill advised.

Network Security – how secure is your network? Is it optimised to deliver your users the best possible experience? While some of your network security can also be handled as a cloud solution, it is still important that the network configuration in your office or home is optimally configured.

Measure and Evaluate your Data – how much data do you have? What type of data do you have? The more reliant your organisation is on managing large files and data stores, the more planning needs to occur. If for example, your business works with technical applications that generate large data files, the speed and bandwidth of your network becomes critical.

We also need to measure the potential for data growth – your usage today may not be reflective of your future needs. Even though cloud storage is scalable, it helps with systems architecture design.

Evaluate Software – are all your software applications capable of being hosted in the cloud? Some companies depend on legacy software that is not compatible with a cloud environment. It may be necessary to consider switching to a Software as a Service solution that does not rely on physically installing software.

Service Level Agreement – do you have a solid SLA in place with your IT service provider? Can they provide you with a highly responsive service in the event that you encounter any issues after moving to the cloud?

Disaster Recovery Planning – even though cloud computing is fast and reliable, it is still advisable to plan for the worst. In fact, it does not matter where your systems exist – in-house or online, you still need a solid written plan in place to deal with the worst outcome. This also needs to be tested.

Training – cloud computing changes the way people work. It even allows your staff to work from anywhere. But staff need support and training to understand how working in the cloud changes the way the work.
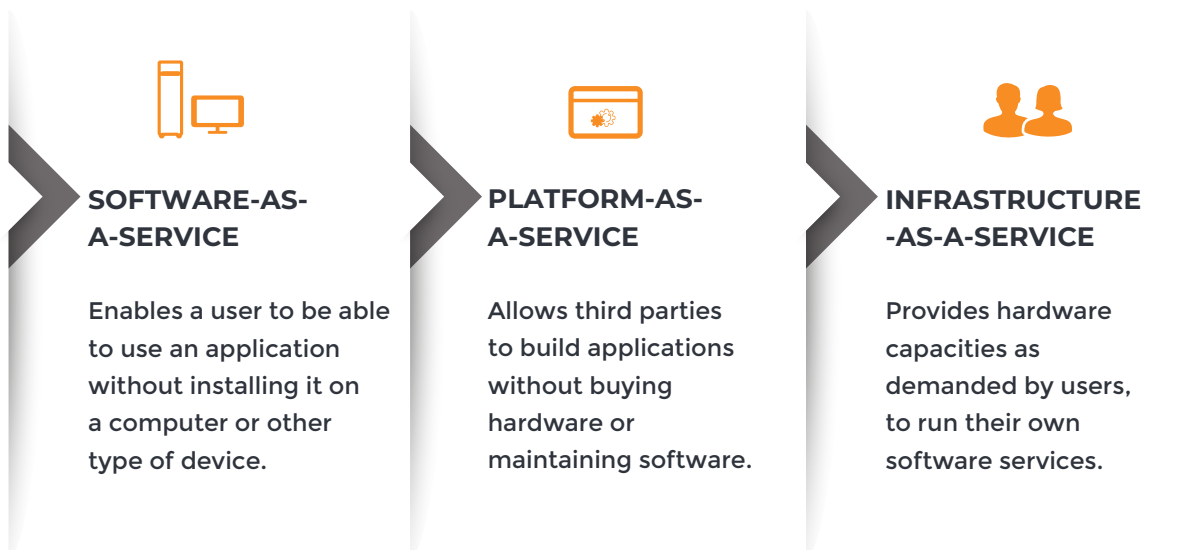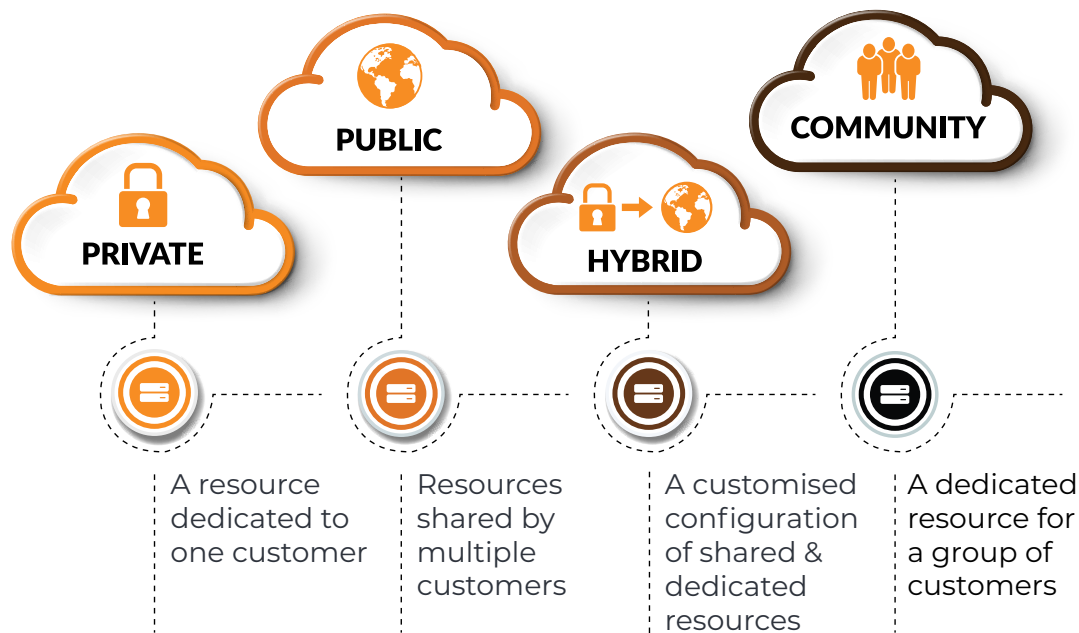
If your business is considering a move from in-house IT to cloud computing, contact Computing Australia – we can help with your pre-deployment readiness assessment and getting your business ready for the move. If your business is not ready, we will tell you and help to ensure that any reforms are put in place before going ahead.

Call Chris on 0438 855 884 or email

sales@computingaustralia.group

What is cloud computing?

Cloud computing is the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing. Instead of buying, owning, and maintaining physical data centers and servers, you can access technology services, such as computing power, storage, and databases, on an as-needed basis from a cloud provider like Amazon Web Services or Microsoft.

PUBLIC

PRIVATE

HYBRID

COMMUNITY

A resource dedicated to one customer

Resources shared by multiple customers

A customised configuration of shared & dedicated resources

A dedicated resource for a group of customers

SOFTWARE-AS-A-SERVICE

Enables a user to be able to use an application without installing it on a computer or other type of device.

PLATFORM-AS-A-SERVICE

Allows third parties to build applications without buying hardware or maintaining software.

INFRASTRUCTURE-AS-A-SERVICE

Provides hardware capacities as demanded by users, to run their own software services.

Cloud Computing is really just a name for storing and processing data online. As an example, many of us already use cloud computing when using the internet for storing photos and emails.

WHY ARE BUSINESSES SHIFTING TO THE CLOUD?

$ Cost effective

Easy to Implement

Secure & Reliable

Flexible & Scalable

Interoperable

WHERE IS MY DATA STORED?
Your data is typically stored in large, secure data centers hosted by companies like Amazon or microsoft. We aim to store your data locally in Australia.

80%
$
COST SAVINGS

IMPLEMENTING NEW & EFFICIENT TECHNOLOGY POSITIONS YOUR BUSINESS FOR GLOBAL OPPORTUNITIES

GLOBAL MARKET POTENTIAL

INCREASED PRODUCTIVITY