Cloud computing solutions

Cloud services can provide on-demand access to instantly scalable IT resources, accelerating the development and delivery of applications to users and customers.

We have the Answers...

It is perhaps this agility to provision resources rapidly when needed that offers the biggest competitive advantage to organisations… beyond the benefits of outsourcing the day-to-day operational environment, the cost efficiencies and subscription (utility) pricing schema rather than major capital outlays.

Cloud Disaster Recovery

Wouldn’t it be great to backup your Intel or Power Systems servers to the Cloud, and never worry about sending tapes offsite ever again? Interestingly, some 65% of organisations still use this method, enduring drive reliability problems and the usual errors relating to tape media. Times have changed.

Using specialist software for a complete disk-to-disk solution, we can replace tape backups with a highly compressed and encrypted backup via a local Wintel platform on your site. With local SAN, client side and remote SAN storage based at APSU’s datacentre, daily backups can now be accessed locally or off-site for Disaster Recovery.

The benefit of having daily backups stored in APSU’s datacentres means we can offer you a range of cost options from a cold-start DR service through to a warm-start. Costs can be minimised by using virtual machines in standby mode, providing a 4-8 hour recovery period, or servers can be live and running within the hour.

Mirrored VMware ESX images for Intel servers and/or PowerVM LPARs for Power Systems servers provide these capabilities.

APSU has been delivering Cloud Services since 2005, focusing particularly on outsourced Private Cloud implementations to address the concerns of maximum security and to avoid supplier lock-in. We can offer co-located Private Cloud solutions or highly secure “virtual machines” on our shared Cloud Servers (ie VMware ESX server images on Intel or PowerVM LPARs on IBM Power Systems). We can provide one, two or all three layers of Cloud Computing (IaaS, PaaS, SaaS) if required.
Cloud High Availability

**SHARP**, is a Secure High Availability Recovery & Processor on demand managed cloud service direct from APSU or delivered in conjunction with IBM Global Services, specially conceived for the iSeries / Power i marketplace. It uses the latest PowerVM LPAR technology with a fully integrated High Availability software suite and managed service expertise from APSU and/or IBM Global Services.

Driving down costs and reducing risk

**SHARP** takes advantage of shared on-demand processor use in secure, state-of-the-art APSU datacentres or IBM Recovery Centres, removing the need to own expensive processors and premises or to retain highly paid technical staff. The service is fully managed, billed annually and fixed for three or five years, fulfilling high availability and recovery requirements without tying up valuable capital.

Cloud Platform on Demand

Platform on Demand in the Cloud can flexibly cover many scenarios that organisations commonly come across in today’s rapidly changing business environment:

- consolidation of multiple locations/machines
- hosting ERP systems
- hosting any application from a SaaS provider
- on demand capacity, catering for month/quarter/year-end peaks etc
- application development/testing/sandbox environments
- new systems trial/piloting; new OS release testing
- running “legacy systems” ex migration to a new application/platform
- BI/Analytics and specialised applications

Cloud LAN Network Security

Web browser Internet access and external email are in pervasive use in nearly all organisations to a major degree – they are pretty much “killer-Apps” we couldn’t do without. The biggest concern here is security, data loss and protection from the many forms of malware inbound from the Internet.

Cisco web and email security, delivered as a cloud service, requires no onsite hardware, enhancing security while minimizing cost and ongoing maintenance. Cisco Cloud Security Solutions offer effective web and email security, through affordable, low-maintenance cloud computing solutions. These solutions reduce organizational risk, malware, phishing attacks, spam, and blended threats. They also allow onsite and roaming users to share consistent protection policies.

For further information contact our sales team on 01285 862 100 or email info@apsu.com

APSU continue to deliver innovative and cost effective solutions, tailored to our requirements.