Go Green
Let's go Private Cloud

Have a more secured and controlled environment

ncs
making IT happen

Cloud Computing: Today's Buzzword

Cloud computing is the buzzword of today's IT world. By 2012, IT organisations will spend more money on private cloud computing investments as compared to public cloud providers. In fact, by 2010, more than 70 per cent of Global 1000 organisations expect to significantly modify their data centre facilities.

Joining the bandwagon now and deploying your private cloud will give you:

- Security and privacy
- Efficiency, responsiveness and effectiveness in your IT system
- Unprecedented control over computing resources as your needs change
- Dynamic, resilient and cost-effective IT system

These four benefits translate into greater cost savings for your organisation, giving you the operational efficiency to meet various business needs and IT demands with the advantage of cheaper cloud-based disaster business continuity plans.

Having a private cloud gives IT organisations everything they need - a method of increasing capacity or adding new capabilities on the go without investing in new infrastructure, training new personnel, or licensing new software.

DO YOU KNOW

According to survey results, the top three reasons for implementing new technology are:

- To achieve greater levels of effectiveness in business operations
- To achieve greater levels of efficiency in business operations
- To achieve a greater level of customer satisfaction

CHALLENGES

- Increasing labour cost
- High energy consumption
- Growing data demand from users
- Chaotic data silos
- Exponential growth in data volume

BENEFITS

- Elastic scalability of resources
- Pay-as-you-go efficiency
- Data access any time and from anywhere
- Predictable cost structure
- Operational efficiency
- High performance & availability
- A lower total cost of operations

Deploying Private Cloud

Using private cloud allows you to access your computing capacity on demand at any time, anywhere. Users in your organisation have access to allocate storage, processing or other resources without having to contact the IT department - freeing your IT management from dealing with day-to-day administrative tasks. Your organisation's IT department can thus concentrate on maximising your IT budgets for greater operational efficiencies and security.

The built-in access management capabilities in your private cloud give you a sub-system to track usage while chargeback to various departments improves business and IT efficiency and flexibility.

Having a private cloud deployed from NCS will reduce your workload and address the challenges business is facing such as:

- High IT infrastructure and operational cost
- Complex infrastructure management
- Slow response time in managing business and operational changes
- Security and data privacy
- Rapid data growth and lack of storage space
- Under-utilised IT systems

Let NCS lay down a foundation for a highly responsive and agile business environment where you can leverage on the advantages of having a private cloud with full back-end support.

> **Facts:**
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> The main drivers of cloud computing range from businesses to government agencies. Taiwan's cabinet hopes to have a $30 billion cloud computing industry in five years, while South Korea is currently pumping in $487 million into the industry.

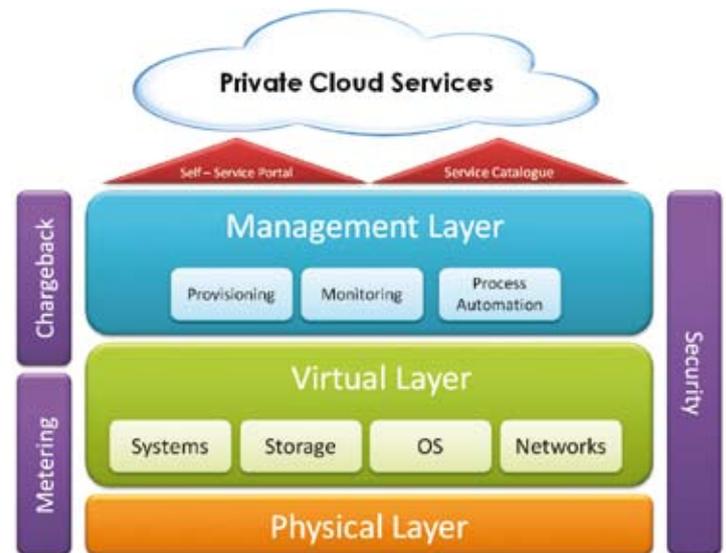## NCS : Our Virtual Infrastructure Methodology (VIM)

While the virtualisation that underlies cloud computing is very dynamic and allows a high rate of change, a private cloud is not easy to manage smoothly. Hence NCS comes into the picture with a private cloud set up for you based on the best practices in the industry.

Not only will we design your private cloud with configurations best suited for your IT needs, NCS will manage and support you as and when you need our cloud computing expertise - we understand that complex infrastructure management results in organisation inefficiencies.

Our framework for private cloud computing uses the VIM best practices, where NCS will:

- Assess your IT needs,
- Design and plan your private cloud,
- Install and configure it to your needs,
- Test and verify the cloud and its configurations,
- Perform a knowledge transfer,
- Manage and support you

With our large pool of experts and trained professionals, we have an excellent track record of successful deployments and implementations.

Private Cloud Framework

Improving your organisation efficiency and flexibility