

## N4CLOUD - INFRASTRUCTURE AS A SERVICE EASY TO USE, COMPREHENSIVE CLOUD PLATFORM

N4Cloud is Node4's multi-site, Cloud virtualisation platform based on enterprise class technologies from VMware, Cisco, Veeam and NetApp. It has been designed and built by our industry experts in virtualisation, infrastructure, storage and networking to provide a flexible, resilient and scalable solution ideal for companies who want to benefit from the latest technologies without making significant capital investment.

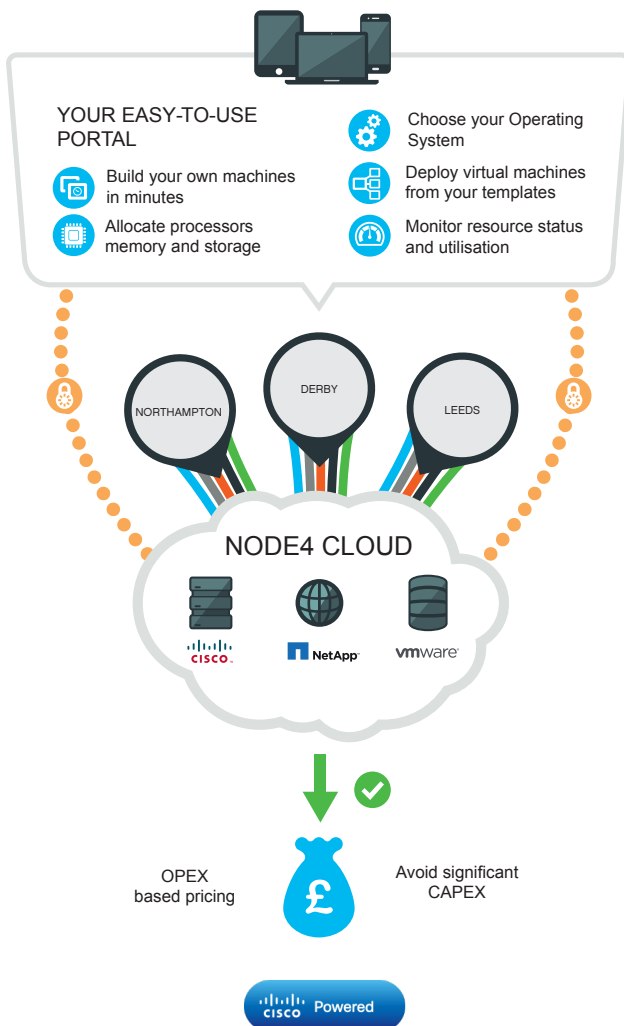
An OPEX pricing model makes it easy to forecast your IT budget as you scale your environment – simply choose the amount of vCPU, vRAM and disk space required. Our easy to use portal empowers your team to provision new virtual machines, perform configuration changes, reboot servers, access the console and perform restores from backups.

N4Cloud is designed for continuous service availability and is supported 24x7x365 by our expert engineers. Our Data Centres in Leeds, Northampton and Derby utilise redundant hardware and network connectivity, dual power supplies from diverse feeds and UPS and generator backup.

As we own the infrastructure and have in-house expertise, we are able to be extremely flexible to meet your requirements.

Whether you need a single development server, a load balanced web server farm or a comprehensive virtualised data centre environment we have a solution to suit you.

**Get a free trial today or book a demo with one of our cloud experts.**



### KEY BENEFITS

#### EASE OF USE

Use our self-service web portal to manage your virtual platform, including provisioning of virtual machines and restore of data from backups.

#### SECURITY

N4Cloud resides within our state-of-the-art Data Centres which have ISO 27001 security accreditation. Optional multi-factor authentication secures access to management of your environment.

#### COST

OPEX based pricing allows you to deploy your virtual environment and benefit from the latest technologies without making significant capital investment.

#### SPEED

Fast provisioning allows you to respond to unexpected or seasonal surges in demand without needing to over-contract to cover peak periods.

For more information on N4Cloud or other products and services we offer please call our team today: 0845 123 2222 or email us: [info@node4.co.uk](mailto:info@node4.co.uk)



### ENTERPRISE CLASS INFRASTRUCTURE

#### Business Critical Infrastructure

N4Cloud solutions benefit from enterprise-grade technologies including Cisco UCS, VMware vSphere, NetApp storage, Zerto and Veeam.

#### Faster application deployment

The Cisco and VMware combination is optimised for fast application deployment with fewer points of management and flexible resource pools.

#### Improved performance & availability

VMware vCenter allows live migration of VM guests from one host to another to provide high availability services in the event of a hardware failure. This also means that almost all maintenance can be performed without affecting your environment.

#### Cost effective & efficient

A radically simplified, stateless system and enterprise grade software allows us to offer you an industry leading solution at a very competitive price point.

### SECURITY

#### Secure Platform

N4Cloud is delivered from our state of the art UK Data Centres which operate the highest levels of physical security. Perimeter security fencing, PIR sensors, strict access policies, zonal swipe card systems, 24/7 manning of all sites and extensive CCTV coverage all ensure that the platform is protected from intrusion at all times.

#### ISO

We are certified as ISO 9001 Quality Management compliant which ensures that our customers receive consistent and high quality service. We always strive to continually improve the quality of everything we do.

### RESOURCE CONSUMPTION CONTROL

#### Self-service web portal

Access your catalogues and virtual data centre through an easy to use, intuitive web portal.

#### Role based access control

A flexible role-based access control model allows you to give your users different levels of access.

#### Quotas and lease times

Set quotas and lease times to limit consumption to a prescribed quantity or timescale.

#### Dashboard

Graphical interface to quickly and easily see your resource allocation and machine status.

#### Email notifications

Get alerts on machine failures or when you are running out of storage or memory.

### N4PROTECT VIRTUAL FIREWALL

#### Secure your perimeters

Provision your edge security with IP address, port or protocol based access control rules and manage NAT to and from your virtual environment.

#### Site-to-site VPN

Configure your SSL VPN security with 256-bit encryption to protect your data as it is transferred across the virtual data centre perimeter.

#### DHCP pools

Automate IP address provisioning by configuring your DHCP address pools, lease times and dedicated IP addresses.

### FAST & SIMPLE PROVISIONING

#### Rapid deployment with vApp templates

Rapidly deploy virtual machines with vApp templates which capture the compute, storage and networking requirements as pre-configured virtual machines containing operating system images and other media.

#### Snapshot and revert

Simple and fast snapshot and revert functionality enables your destructive testing and the rollback of upgrades/updates.

#### Efficient provisioning from clones

Using VMware's cloning technology you can clone a vApp into your catalogue and re-utilise the template to provision quality controlled machines.

### RESILIENT & FLEXIBLE NETWORK

#### Dedicated top quality internet

A dedicated Internet connection means that there are no transfer fees for you to pay making it easy to predict your costs.

#### Self provisioning virtual network

With VMware vSphere Distributed Switch you can configure, monitor and administer virtual machine access for your entire Virtual Data Centre.

#### Public internet addresses

Access your servers via the Internet using public IP addresses.

### MULTI-TIER NETAPP STORAGE

#### Tier 0+

SolidFire Flash SSD storage for ultimate performance workloads with guaranteed level storage IO performance.

#### Tier 0

Flash SSD storage for extreme performance workloads.

#### Tier 1

SAS disk with SSD cache for high performance workloads.

#### Tier 2

Traditional SAS storage for less demanding workloads.

#### Tier 3

SATA storage for archiving of data.