

# Cloud Virtual Data Centre

## Cloud Virtual Datacentre explained

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A Cloud Virtual Data Centre is a pool of cloud infrastructure resources designed to your specifications. These resources would include CPU, memory, Disk and networking resources.

These cloud resources can either be a fully managed cloud solution, private cloud or hybrid cloud connecting to existing onsite infrastructure.

## Why choose Wavenet?

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The Wavenet Cloud Virtual Data centre (VDC) Services platform is based on VMware's industry leading vSphere and vCloud Director technologies, providing companies with a familiar and trusted environment with common management, performance, automation, and a robust and proven security model.

Our VDC Services are architected on enterprise class servers, storage, switching, and tier 1 low-latency connectivity, all housed within fully redundant ISO certified data centres with audited procedural and security protocols designed to maximise uptime and discourage physical and virtual threats.

Wavenet's Cloud VDC solutions are an ideal platform for customers looking to run multiple Virtual Machines in the cloud and have full control and flexibility to deploy the compute resources where and when they require.

## Features at a glance

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### Elastic Compute Capacity

Remove the worry from having to keep and maintain essential equipment and IT technicians on your own premises, whilst in a secure environment within the cloud.



### Control The Cloud

Cutting-edge data and systems protection and rapid failure recovery processes are employed to keep your systems online and to help maintain your businesses profitability.



### Secure Cloud

Simply request additional resources or software as and when you need it.



### Intelli-Storage

All your data is backed up and kept completely secure using nightly images. In addition, real-time Continuous Data Protection (CDP) is also available.



### Flexible Pricing Models

Your server can be ready to use on demand within hours.



### Support

Wavenet can take all responsibility for the server management and maintenance.

Technical facts and figures	
<b>Platform Architecture</b>	VMware vCloud Director technology running on x86 blade infrastructures.
<b>Portal Functionality</b>	A 'Single pane of glass view' web portal providing multi-user access to all of your server, storage & network resources from one simple to manage interface.
<b>Storage</b>	SAN Based storage with VM capability of hot-expand and hot-add disks.
<b>Networking supported</b>	Static IP address per VM's, NAT configurations, Virtual Firewalls, VLAN's and connectivity to existing MPLS networks.
<b>External connectivity</b>	Connectivity via multiple Tier 1 providers and peering networks.
<b>Resilience</b>	All elements of the platform run in N+1 configurations.
<b>Monitoring</b>	24x7 monitoring services including both infrastructure and application level.
<b>Backups</b>	Image based backups per VM or hot / cold standby solutions to a secondary site.
<b>Data Centres</b>	Platform spread over 2x Tier 4 data centres with ISO 27001 certification.

**Wavenet's mission has always been the same: to deliver cost-effective, bespoke solutions to meet the exact requirements of any business, using the industry's latest and greatest technologies.**

Steering well clear of the "one-size fits all" approach, we've been coming up with intelligent, custom internet solutions for a wide range of clients since 1995.

Accredited with ISO 27001: the international standard on establishing, maintain and improving an Information Security Management System (ISMS) and ISO 9001: the internationally recognised standard for the quality management of businesses.