

VIRTUALISEIT

Get a powerful, flexible and scalable server – without owning the hardware



“We host several very high volume web sites, which at peak times can accept several million ecommerce hits in less than four hours. 100 Percent IT are able to quickly increase bandwidth and server capacity to accommodate these huge numbers and then reduce bandwidth and capacity when these peaks drop, so we do not need to pay for peak performance 24/7. When the principal of an international fashion house – one of our high volume users – appears on TV, demand goes through the roof for a short time with literally millions of web site visitors, and every time the 100 Percent IT network has handled these peaks without issue.”

Dr John Dimmock

Media Services Sussex Ltd

At a glance

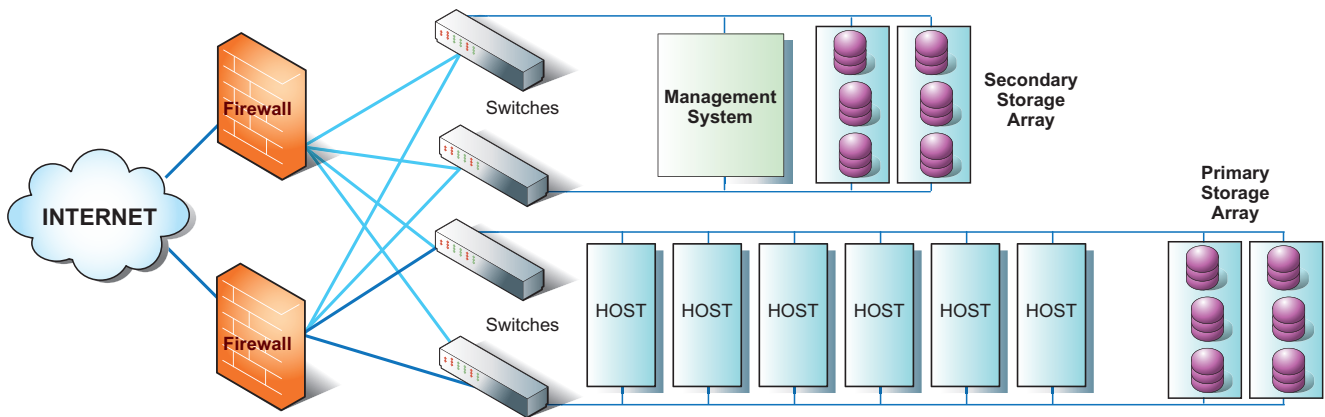
VirtualiseIT provides you with all the power and functionality of a server, without having to own the physical IT equipment. You can run whatever software you like on your server, with your own access policies, and benefit from temporary or permanent increases in resources whenever you require.

[See over for details](#)



100%IT

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The problems

- A server is essential for your business, but your computing requirements fluctuate – so you risk paying over the odds for a system that is too highly specified for your everyday needs, just so you have enough power on the occasions when you require it
- Owning a server in-house has associated costs for security and operating environment
- Your server needs fast, reliable connectivity to the Internet
- You need to keep your data backed up
- You can't afford the risk of hardware failures
- You urgently need server capacity for a new project over the short term

The VirtualiseIT solution

Nowadays you don't need to own a physical server: you can rent part of a larger server as a virtual machine instead.

Your virtual server system runs independently inside a cloud of larger machines housed remotely at a datacentre. You keep full control, running the operating system and software you want with your own access policies, just as if you were using a standard machine on your premises. You don't need any complicated management software to do this – at 100 Percent IT we have all the infrastructure in place ready to go, and we can configure a virtual server to your specifications in a matter of minutes.

You create a flexible, scalable machine with the performance that you need now. If your requirements change it is very easy to upgrade the server simply by allocating more resources. There is no downtime and no hassle of fitting extra memory, new disks or processors.

100 Percent IT has a resilient group of servers hosting virtual machines. For added peace of mind we also offer the option of backing up your virtual server to a second datacentre.

Who needs VirtualiseIT and why?

- People who need instant server(s) – we can get you up and running to your required specification in a matter of minutes

- People who want a scalable solution – you can add additional resources in seconds when required, and you only pay for what you need now
- People who require a reliable server – your data is stored on one or more large physical machines with more redundancy of components than you would find in a typical server, so there is no worry about parts failing; if there is ever a fault with the physical server, a back-up will take over immediately
- People who want a cost effective server – you rent the amount of resources you need now: there are no upfront capital costs to purchase a server, and you don't have to over-specify the server to future proof it as you can simply upgrade the resources as and when you need

The business case for VirtualiseIT

Companies used to have to purchase physical servers to run their infrastructure, either based in their office or in a comms room on the end of an ADSL line. The server would be purchased as a capital expense and would then depreciate over time. After a few years it would need to be replaced – either it was reaching the end of its reliable life (to avoid disasters it is best to replace servers before they actually fail), or it was no longer powerful enough to meet the changing needs of the company.

With 100 Percent IT's VirtualiseIT solution, you can lease a virtual machine instead. There are no capital costs and your server can be provisioned in minutes. The virtual machine runs on a larger cluster of servers that are situated in purpose built datacentres with multiple gigabit connections to the internet. Hardware failures are no longer a problem because the server can call on a large pool of resources from the central servers. If your organisation's demands change – perhaps you are running more processor-intensive software, or you need extra bandwidth so that your website can handle more customers during a promotion – additional resources can be provisioned immediately. There are no delays in waiting for hardware and no downtime while the server is reinstalled. Virtual Machines are fast, scalable and flexible.

For more information visit www.100percentit.com

