



Virtualisation can help create an efficient foundation for your IT infrastructure

Abtec's virtualisation services can help make it easier for you to manage your IT resources and software applications. The technology can be the foundation to creating an efficient, effective IT infrastructure.

Now a common place technology, virtualisation can help your organisation reduce IT running costs; improve application availability; and protect it from everyday disasters.

Virtualisation can help your organisation:

- Reduce running costs
- Share IT resources easier
- Create a flexible infrastructure that's easier to manage
- Simplify disaster recovery

Reduce running costs

Consolidating your server infrastructure with virtualisation can reduce running costs. Virtualisation shares the physical resources of real servers among virtual servers. New VMs can be created from underutilised resources, eliminating the need to purchase a dedicated server. We find that one physical server can create 10 to 20 VMs. Creating new servers without additional physical servers means your energy bill won't increase at the same pace.

What is virtualisation?

Virtualisation is a technology that allows you to create and run multiple 'virtual' servers from one physical server. These virtual machines (VM) behave just like their physical counterparts.

"Abtec has enabled us to share our resources amongst our Alliance partners securely. We've now got an IT foundation that is flexible enough to respond to our organisation's demands and changes."

Lead IT Project Manager

nationalgrid

Share IT resources easier

Virtualisation is a building block to centralising your IT resources. Applications and systems from your centralised data centre can be delivered to branch offices throughout the world; and it's not just traditional software applications such as CRM. We've virtualised desktops, a building's environmental controls, firewalls even telephone systems. Virtualisation creates a cloud that's in your control, and is easier to manage.

A flexible infrastructure

It's easy to create new server instances in a virtualised environment. New applications, upgrades or patches can be fully tested before deployment. Automated tools perform routine server maintenance tasks, even identifying and resolving issues. This enables you to focus your IT resource on more strategic objectives.

Protecting your organisation and its investments

There are inherent risks with running a business critical application from a single physical server. Hardware can fail, and if it fails so does the application. Virtualisation can mitigate those risks. The technology can underpin your business continuity plans. It's easier to create secondary, failover data centres with virtualisation.

Systems that rely on aging, legacy hardware can be migrated to virtual machines. This helps extend the life of the system and protects it against hardware failure.

Why choose Abtec?

We supply the three major virtualisation brands, VMware, Citrix and Microsoft. Our expert engineers have the skills and accreditation to support your virtualisation project. Organisations have trusted us to manage their IT, communications and network infrastructure for over 20 years. We can help you deliver your virtualisation project on time and in budget.

- **Our virtualisation skills helped National Grid improve its business continuity plan**
- **We supply networks to 25% of the FTSE 350 Oil and Gas Producers sector**
- **10% of the UK's building societies trust us to manage their IT**

Testimonial

"VMware virtualisation technology delivers excellent flexibility in meeting our needs as well as considerable cost savings, which helps us meet our overall company's business objectives. Working with Abtec has been excellent. It is a beneficial partnership and they are a great company to deal with, delivering on what they are supposed to do."

Steve Smith, Managing Director, Smith Brothers Stores Ltd

Our partners include:



Microsoft Partner

