

What is Virtualisation?

Virtualisation concerns itself with the creation of a virtual version or representation of a physical or actual item. These can include servers, desktops, files and applications.

Virtualisation is a proven technology that is bringing real cost savings and other operational benefits to today's IT infrastructures. Most hardware is very underused. Typically this is because it tends to be sized to cope with expected peak demand with some additional contingency added on for good luck. The result of this understandably cautious approach is that the hardware has very little to do for most of the time. Sometimes separate applications are hosted separately in an attempt to improve performance and security.

As hardware costs reduced, this inefficient use of hardware was not really an issue. However with increased concern surrounding energy usage, cost of maintenance and the need for more staff to manage a bloated physical infrastructure, users have been increasingly demanding a way to rationalise their infrastructure.

Working in Partnership to provide the best virtualisation solution



There are many different types of virtualisation solutions available, dependent on your needs and requirements. HiberniaEvros provides a full range of virtualisation solutions to customers based on leading vendor technologies. Our partnerships with VMWare, Citrix, Microsoft and F5 networks ensure we can provide the best solution to suit your IT environment with implementation services from highly skilled and experienced professionals.

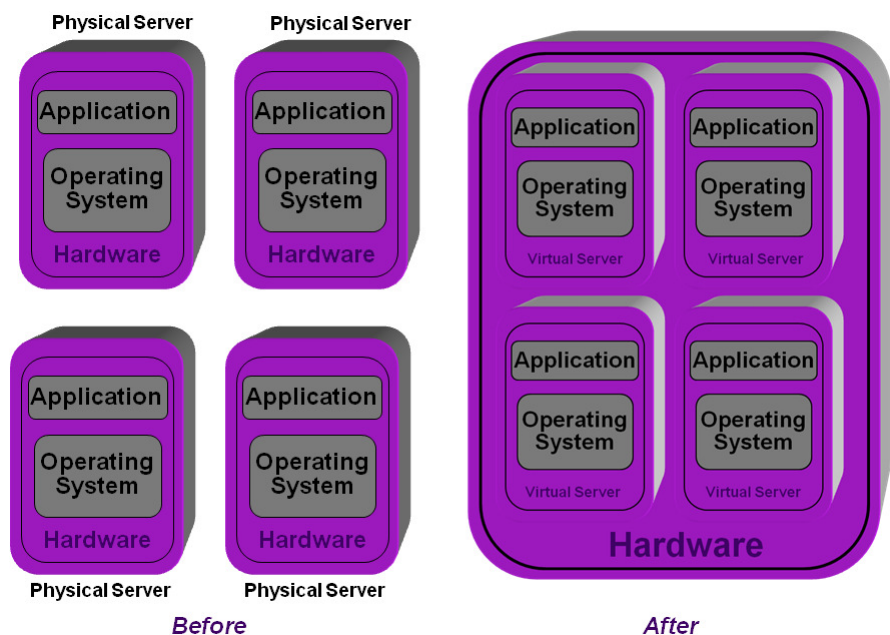


In addition, our hardware partnership with HP enables us to provide enterprise class High Availability storage solutions with full vendor support to provide complete HA Virtual environments. In addition to software virtualisation we also provide hardware based virtualisation, based on technologies such as HPvirtual connect technology

Server Virtualisation

We have delivered many server virtualisation projects designed to reduce infrastructure total cost of ownership. Server virtualisation can deliver these savings by providing High Availability, improved reliability and enhanced management and control of server resources, plus an ability to respond rapidly to needs for extra capacity to suit business demands.

The acknowledged leader in the area of Server Virtualisation is VMware. HiberniaEvros is a VMware enterprise partner and this demonstrates our high level of VMware expertise and our ability to design, plan and implement both traditional computing and virtual infrastructures.



We also have expertise in deploying Microsoft's Hypervisor or Citrix XenServer server virtualisation technologies.

Desktop Virtualisation

Desktop virtualisation allows companies to gain control over their desktop infrastructure by centralising it, yet still providing users with a familiar and personalised environment. The centralised storage of applications and data reduce the costs of management and administration associated with desktops. By allowing for standardised back-up procedures and access controls, this centralisation improves security while at the same time improving user efficiency by removing the reliance on a single physical device and facilitating greater workplace flexibility.

We have implemented desktop virtualisation projects in both VMware View and Citrix XenDesktop. Our enhanced levels of partnership with these vendors allow us to offer you the highest level of technical skills to ensure your solution is optimised to deliver the best benefits to you.

Application Virtualisation

There are two main approaches to application virtualisation. The most established approach centralises applications within the data centre that are then delivered to a desktop when required. As far as the user is concerned, the application is installed locally. As well as making access to an application potentially available from any device within the organisation, it also simplifies the rollout of new versions across the organisation.

One of the leading technologies for application virtualisation is Citrix XenApp and our many years experience with it means that we are able to both implement and support XenApp deployments of all sizes and complexities.

An alternative approach sees applications converted into a single executable file. The application is then simpler to deploy, as users will be able to access it quickly when required from a central server. Other benefits include the ability to run multiple versions of the same application on the same device without the conflicts that can typically arise and an overall reduction in storage needs.

Leading technologies in this area include VMware ThinApp (formerly Thinstall) and Microsoft V-App (formerly Softgrid) and we have practical knowledge of both of these.

Our wide experience in these application virtualisation technologies means that we can recommend the most appropriate technology for customers and ensure it is implemented successfully.

File Virtualisation

With file virtualisation, the actual physical location of files becomes irrelevant to the user. Although the user is accessing what they perceive as local files, they are in fact accessing files that are centrally stored. The virtualisation technology provides the link from the desktop to the actual files, which can be stored anywhere on the network.

This provides the IT department with increased control and flexibility in carrying out management tasks such as replication or migration without affecting users. This technology can also eliminate some of the complexities that have grown up recently around technologies such as Network Attached Storage (NAS), further simplifying management activities.

File virtualisation relies on technologies such as the F5 ARX device that provides automated, policy-based management across storage environments. As a partner of F5, HiberniaEvros is able to provide high levels of expertise to help ensure you benefit from the most suitable virtualisation solution.