

'Virtual Infrastructure in a box': Server virtualisation

About Charterhouse

Charterhouse helps reduce the cost and complexity of computing.

We're a vibrant, forward-looking business run by IT and HR professionals.

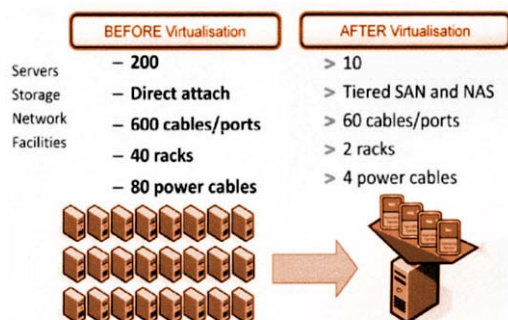
Individually, we've been responsible for developing and delivering some of the largest technology projects in Europe. Together we offer a breadth of experience in advice, planning and resourcing projects and operations that's second to none.

From virtualisation and storage, to managed services covering project and operational support staff, we work with enterprises of all sizes throughout the IT industry as well as with end user customers.

Founded in 1995, we currently maintain a core workforce of around 200, deployed individually or on a team basis at our clients' sites. We have a positive approach to continuous professional development, backed with strong governance and ITIL core skills. All our staff are managed by our qualified professional development managers, who in turn work with them on customer sites to ensure congruent operational delivery.

Beside their many years of combined experience in technical, HR and commercial disciplines, our senior management team has a wealth of specialist sector knowledge. Working with Charterhouse enables our clients to focus on their core businesses, ensuring the most efficient, cost-effective and environmentally-friendly service to end users.

Typical Server Consolidation and Containment Benefits



Introduction

The benefits of virtualisation as a way to consolidate and contain your servers are widely discussed but knowing where to start with the vast array of products can be daunting. Charterhouse enables you to quickly realise the benefits and rapidly progress down the road to a full Virtual Infrastructure (VI) with its 'VI in a box' solutions described below.

'VI Starter Kit in a box'

- Production class performance - High performance with features like VSMP and the high performance VMware file system, VMFS
- Easy to deploy - Can be up and running with virtual machines in a matter of minutes, making it the simplest on ramp to production virtualisation
- Cost effective - cost effective to implement and straight forward to upgrade to a full VMware Infrastructure solution ●

Flexible - integrates with existing storage

'VI a box'

- Reduce planned and unplanned downtime - No disruption to service during planned maintenance. No weekend or evening work required for hardware maintenance
- Automates resource management - with high availability and application mobility for the entire infrastructure
- Achieve unparalleled infrastructure reliability - minimising security exposure

Pain Points

- Rising costs of adding new servers
- Poor return on investment
- Large and more complex infrastructure
- Decreasing manageability
- Reduced efficiency caused by server sprawl

Solutions

Charterhouse's 'Starter kit in a box' enables a simple and cost-effective introduction to your first virtual environment. 'VI in a box' takes this one step further. The benefits of both solutions are:

- Provision servers and deploy software more efficiently - Decrease the time to deploy applications on a new server from 4-6 weeks to 15-30 minutes
- Virtualise servers, storage and networks to transform IT infrastructure into an automated, always-on computer "utility plant"
- Simplifies data centre management through central management tools and simplified provisioning
- Improve IT staff efficiency by 30 - 50%
- Run multiple production workloads on fewer servers; reduce server sprawl
- Reduce hardware, power, cooling, space costs by 50% Increase server utilisation from 5-15% to 60-80%
- Reduce TCO while helping your company reduce its carbon footprint