

Benefits of a Charterhouse virtualisation solution

Virtualisation can...

- Reduce hardware and operating costs by as much as 50%
- Reduce energy costs by 80%
- Reduce the time it takes to provision new servers by up to 70%
- Save more than \$3,000 per year for every server workload virtualised
- Increase utilisation of existing hardware from 10-15% up to 80%
- Reduce hardware requirements by a 10:1 ratio or better



The future of computing is virtual and green. And it's not just us saying that. Many industry analysts and commentators have latched onto the fact that the most basic ROI calculations show gains in reliability, security and productivity easily justify virtualisation projects. Charterhouse can help you drive down the cost of implementation, achieve a reduced hardware footprint, realise higher availability and improve scalability.

So what exactly do we mean by virtualisation? It's a technique for hiding the physical characteristics of computing resources to simplify the way in which other systems, applications, or end users interact with those resources. A virtualised solution can be based on existing hardware, by spreading resources more efficiently. When introduced as part of a standard technology refresh cycle the further benefits of consolidation can result in even more impressive savings. On average, our clients receive full payback on virtualisation investments within nine months.

Charterhouse has huge experience of working with business-critical corporate data centre infrastructures across multiple sites. Using acknowledged industry standard enablers such as VMWare, we can reduce total cost of ownership (TCO) and your organisation's carbon footprint. Our specialist virtualisation team is affiliated to the Climate Savers Computing Initiative, and can offer related incentives developed exclusively for our clients. We work with industry leaders in renewable energy solutions to enable you to further slim line your business power costs.

As well as server, storage and virtual desktop virtualisation, we implement cross-charging systems for your infrastructure, enabling a utility-like model. This enables costing models that can provide the business with pre-priced system profiles, and can facilitate containment.

Typical illustrative operational savings from a Charterhouse virtualisation solution (based on 3 year server refresh cycle)

	Traditional deployment	Charterhouse solution	Saving
No. of servers	40	4	90%
Hardware and maintenance costs	£160,000	£32,000	80%
Deployment and Management	£48,000	£9,600	80%
Power requirement	£132,000	£18,000	86%
Total operational Costs	£340,000	£59,600	82%

Drawing on our skills base, Charterhouse can be with you at every stage, from assessing and planning your virtualisation project to implementing and providing ongoing management resources to keep everything running smoothly.

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.