

Server Consolidation

AN ACCOUNTANTS GUIDE TO SERVER CONSOLIDATION SAVINGS

While most finance professionals probably don't have a deep understanding of what an IT server actually does, they are more than likely to know how much it costs to buy, run and maintain a server – and by how much it will depreciate.

What they probably also don't know is that nearly all servers are only running at about 7% of their capacity. So next time you walk past that expensive temperature controlled room full of server racks, spare a thought for the cost of keeping it all running at such low efficiency. However this scenario is rapidly being consigned to the past. Now that virtualisation technology is available, companies can maximise the efficiency by consolidating those servers and realise significant financial savings at the same time.

The estimated annual cost to run and maintain thirty servers, including depreciation, is about £45,600. But to run a virtualised version of the same system set up costs just a tenth of that figure, saving 90% of the cost each year – that's a £41,000 saving every year; and that doesn't even include the elimination of expensive out-of-hours routine system maintenance, reduced costs associated with administration, re-utilisation of office space and a sizeable reduction in cooling requirements.

Virtualisation allows IT managers to run fewer servers at higher utilisation whilst at the same time creating simpler and more reliable data protection and faster and more reliable disaster recovery systems.

As well as the pure financial gains there are tangible environmental benefits that come with server consolidation. Applying virtualisation solutions to the above example is the equivalent of 197,964 kWh of power saving, removing the carbon output of 84 cars and planting 268 new trees every year.

To calculate the savings for your own business, simply visit www.expertsinvirtualisation.com and use the unique Power Savings Calculator developed by Castle Computer Services. Castle is Scotland's leading virtualisation specialist with an extensive track record of implementing VMware virtualisation software across a wide range of business sectors.

Alan Quinn, Managing Director, Castle Computer Services, said:
"Companies are finally recognising that virtualisation can deliver massive cost savings and environmental benefits, while at the same time improving business continuity and IT resilience for the organisation."

30 Servers

Save £41,000 per year

Save 197,964 kWh
electricity

Plus save on cooling,
space and staff costs

Reduce out of hours
system maintenance

Contact us

For more information please contact Castle Computer Services on 0845 230 1314 or email info@castle-cs.com



www.expertsinvirtualisation.com



Article CA Magazine
Published JULY 2008

Written by Andrew Turner
Marketing Manager,
Castle Computer Services Ltd