

Serv-IT Consulting Limited

Drivers for Virtualisation

The rationalisation of IT infrastructure is driven by a need for organisations to have ever greater computing resource, be it more software applications, wider number of staff able to access these applications, in a faster time, on any number of interfaces, from anywhere. This leads to the need for increased storage capacity with a secure, yet speedy retrieval methodology.

Each application has traditionally demanded its own server set up, often with elaborate redundancy capability and back up processes heavy on hardware, IT resource and server room space, with all the associated power and cooling costs.

A whole IT support structure has mushroomed within many organisations to ensure that this large investment is protected, there is no surprise then that these 'specialist support teams' are somewhat reluctant to welcome Virtualisation technology that reduces overall server requirements by up to 70% and as a result, radically reduces energy, space and IT staffing requirements and yet allows operational staff within the organisation to access all necessary business critical applications speedily within a secure environment.

Virtualisation offers the means of utilising computing resource, be it servers, desktop PCs and network infrastructure as a joined up solution, increasing on average from 30% up to 85-90% the utilisation of a typical organisation's IT set up.

Increased pressure on organisations to demonstrate tangible 'green credentials' is encouraging most to improve their carbon footprint. Whilst this has inevitable sales and marketing benefits, there are equally strong financial business incentives to improve operating efficiencies.

Server rooms operate 24 hours 7 days per week, all year every year, they have to be provided with uninterrupted electricity supply, lit to a high Lux level, controlled to maintain close ambient temperature through the introduction of chilled air, they are however dead space with regard to the primary function of the business. All in all, a very expensive drain on any company's bottom line.

Business critical data held within an organisation's IT infrastructure is clearly high risk in a disaster scenario, be it fire, explosion, flood, loss of primary or secondary power or any major occurrence causing a catastrophic failure of systems or loss of key personnel. Virtualisation can provide the solutions for business continuity and recovery after a major incident and will ensure your business is up and running quickly even if the worst happens.

Serv-IT Consulting Ltd based in Leeds, provide professional IT consultancy to organisations looking to utilise Virtualisation technology and offer a full service from initial feasibility through to implementation and hand over, with the added benefit of on going help through service support contracts.

If you would like to explore how your business could benefit from this technology and see a demonstration of it in operation, please contact:

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