

VIRTUALIZATION TECHNOLOGIES

EFFECTIVE UTILIZATION OF PHYSICAL RESOURCES



Better living through Virtualization

OK, so do we have your attention?

There is a revolution underway for businesses with multiple servers at a common location. Traditionally, we install critical server applications on their own physical server to maintain a stable environment. The ultimate end to this strategy is ending up with many servers that are very under utilized, virtualization is a solution to this common issue.

Virtualization is the process of running multiple software servers on a single shared physical machine. The software running on the virtualized server has no idea that the physical resource is being shared with other servers. This provides more effective utilization of the physical resource and maintains the stability of independent logical servers.

Additional benefits of virtualization are; lower hardware expense, lower maintenance costs, lower power consumption, and lower cooling costs. An average commercial server uses around 300watts, resulting in power and cooling costs of about \$400 per server per year. Virtualized environments also provide more disaster recovery and backup options, and because virtual machines are hardware independent, we have the ability to move virtual servers to new hardware more easily.

All industry experts, including Microsoft, Novell, HP, IBM, and others, agree that virtualization is the future of the server environment. In fact, Microsoft's Server 2003 R2 Enterprise license allows for four concurrent server installations to run on the same hardware server, with only purchasing one server license.

We are pleased to offer expertise in both Microsoft's Virtual Server and VMWare Virtual Infrastructure solutions. We would be pleased to discuss how these technologies can benefit you.

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For more information regarding these services call ATS:
Phone: [503-944-6295](tel:503-944-6295) or visit www.assuredtechsolutions.com