

Virtualization

Small and midsize businesses are making virtualization one of the hottest trends in IT. The reasons? Virtualization reduces the cost and complexity of technology, frees up time to make their businesses more responsive and improves their ability to rebound from disasters.

Imagine if you could run your customer relationship management application on Windows and your accounting software on Linux — on the same server at the same time. You can! As large enterprises have already learned, a technique called virtualization enables servers to do that and more while saving energy costs, reducing space requirements and improving disaster preparedness.

Applications and operating systems run in pairs. Virtualization allows your company to run pairs of applications and operating systems on “virtual machines,” which are simply simulated compartments within one physical server. With virtualization, these compartments are protected from one another so if an application or operating system crashes, others running next to it are not affected. These virtual machines also are encapsulated into files that can be easily copied and migrated within your network or to an offsite backup facility, streamlining your ability to protect your business critical systems and data in case of failure and recovering them as needed to keep your business running. If your hardware has an issue, another server will start up and have you up and running again in a matter of minutes instead of days.

Perryman Managed Services is a division of Perryman & Associates and a leading provider of managed services in the small to mid-sized business environment. Working in partnership with Microsoft, VMware, and other esteemed companies, we provide the highest quality services to ensure the reliability and integrity of your mission-critical data. Perryman Managed Services is dedicated to surpassing expectations in all aspects of our business. For more information about our services, please contact us at 800-551-6875 x214 or email us at managementservices@perryman-sw.com.



BENEFITS:

Consolidate Hardware

Eliminating server sprawl and consolidating applications onto a single server reduces hardware and maintenance costs by up to 50%. Running fewer servers means you reduce energy costs and the amount of space required.

Increase Efficiency

When IT doesn't have to order and install a new server every time you deploy new applications, applications can be up and running sooner. Technical issues are also reduced, so IT can minimize the time spent on routine maintenance activities by two-thirds and focus on strategic projects to keep your business competitive.

Protect Mission-Critical Applications and Data

Approximately 60% of businesses affected by a disaster close within two years. Virtualization lowers the cost and complexity of backup and recovery, including more cost-effective failover testing.

Secure Data

Virtualization increases your organization's security ability. Because your IT staff can move applications from one virtual machine to another, they can apply security patches to the original machine without causing downtime. Virtual machines also leave your business less vulnerable to security attacks.



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