Server Virtualization Solutions

Server virtualization has rapidly become a mainstream technology, with roughly 60 percent of all server workloads now virtualized. Organizations adopting server virtualization have realized a host of benefits, such as server consolidation, faster provisioning, higher utilization, lower energy costs, streamlined management and improved disaster recovery. It is now viewed as a cornerstone of the modern, automated data center.

Still, some organizations have not yet virtualized all eligible server workloads, while many others have experienced "virtual machine sprawl" due to the ease with which virtual machines can be provisioned. These challenges limit the efficiency and ROI of the virtual infrastructure.

ProSys brings a disciplined approach to server virtualization that helps customers optimize their virtualized environments. ProSys has a team of engineers who specialize in server virtualization, as well as significant expertise across data center technologies.

Delivering Industry-Leading Expertise — and Choice

VMware is a global leader in server virtualization solutions. As a VMware Premier Partner, ProSys has VMware Certified Professionals on staff who are dedicated to the design and delivery of VMware solutions. ProSys helps customers leverage VMware solutions to lower costs, boost productivity and accelerate the transition to a private cloud environment.

ProSys can help customers take advantage of VMware's Software-Defined Data Center, a next-generation unified platform that enables a more agile IT infrastructure through automation, management, policy-based provisioning and self-service. The Software-Defined Data Center is optimized for cloud computing, delivering flexibility, efficiency and availability while reducing costs and simplifying operations.

ProSys emphasizes VMware technologies but offers customers choice in virtualization platforms. ProSys delivers solutions based upon Microsoft Hyper-V in concert with or as an alternative to VMware. Hyper-V is included with Windows Server platforms and available as a free download, enabling customers to cost-effectively virtualize server workloads.

Consultative Approach

ProSys takes a customized approach to each virtualization project based upon the customer's current environment and business needs. Not all server workloads are suitable for virtualization; ProSys engineers can help customers determine which physical servers are candidates and assess the potential impact on data center capacity, availability and disaster recovery.

For customers that have already virtualized a significant portion of their server workloads, ProSys can help maximize the benefits of virtualization through data center management, automation and optimized delivery. ProSys engineers consult with customers to determine what management and automation features they are using, and make recommendations for taking their environment to the next level.

- **Management.** Effective virtualization management creates a "single-pane-of-glass" view of the entire virtualized environment. The ability to manage the IT infrastructure through a common set of tools and interfaces helps control virtual machine sprawl and improves the efficiency of the IT team.
- **Automation.** Automation allows systems, storage and networking technologies to dynamically sense and respond to changes in workload demands. In the event of a system failure, an automated virtualized data center can shift workloads to backup servers or disaster recovery centers. Automation can also cut the time it takes to deploy new applications from days or weeks to hours or minutes.

Where Do You Go from Here?

Virtualization is a strategic investment that is proven to reduce costs, improve manageability and increase flexibility. ProSys has industry-leading expertise in virtualization technologies, delivering full lifecycle services and support that help ensure your success.