

# Virtualize to consolidate, simplify and optimize

Virtualization allows a company to reconfigure existing storage, server and network resources and redeploy them to support more people more efficiently – and in more ways – to multiply the effectiveness of the infrastructure and reduce IT spend.

### Business benefits of virtualization

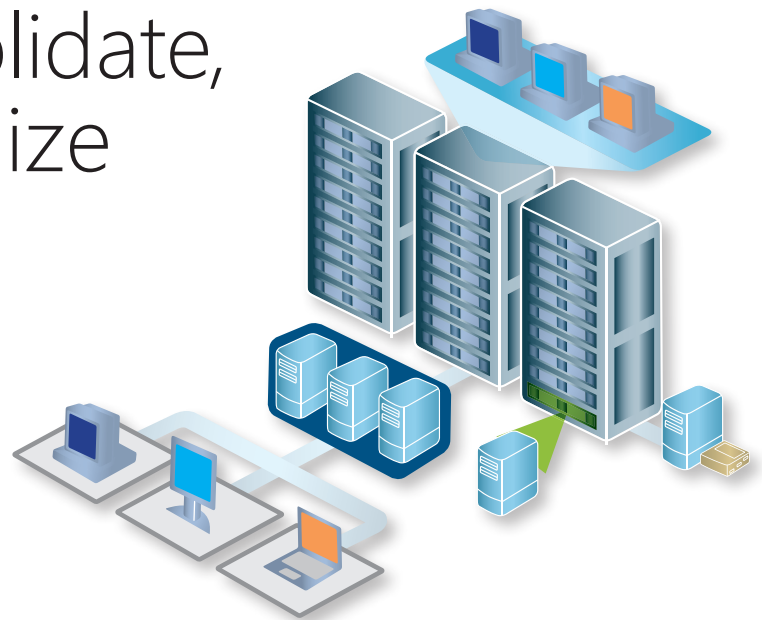
From a business leadership perspective, virtualization enables a much more nimble enterprise. With vastly increased capacity, the infrastructure can be more responsive to changes in the demands business places upon it. Similarly, new processor-, storage- or network-intensive applications, and processes can be initiated without corresponding investments in new hardware. This can reduce the cost and complexity of software rollouts and updates required to adapt to a changing business environment.

#### Increasing the flexibility of an IT infrastructure

A virtualization project involves Zones engineers combining multiple like components of the IT infrastructure (storage, servers or networking), pooling their respective functional capacities. This results in a larger, more powerful, or more available virtual component accessible across the network. The combined resource increases the functional capacity of existing components and permits it to be tapped, apportioned and reallocated dynamically in response to changing demand from diverse clients.

#### Increasing efficiency of the IT architecture

The most obvious benefit of committing to virtualization is the economic benefit. Zones can demonstrate how by consolidating servers through virtualization, multiple applications run simultaneously inside the more efficient pooled resource. New applications can also be



added without the need for corresponding physical server space for some time to come.

In fact, a virtualized infrastructure often results in an idling or reduction of physical servers trimming the physical footprint of IT resources and immediately cutting power consumption as well as cooling costs. Given the virtualized environment's recapture of excess capacity, those savings can extend well into the future. And if your business is looking for ways to green your data center and to be an advocate for sustainability, virtualization is a viable solution.

Another key benefit of virtualization is streamlined management. Prior to virtualization, individual servers, processors and other components are managed individually. In viewing the virtualized pooled resources as a single component, management operations apply across all of its parts, regardless of physical location. With its sophisticated workload balancing and management features, virtualization also creates an inherently reliable and robust infrastructure that provides high availability and excellent failover and disaster recovery capabilities.

### THE ZONES DIFFERENCE IS YOUR ADVANTAGE

- > Collaborate with certified engineers throughout the project (assessments, design, testing, implementation)
- > Professional certifications from our partners including Cisco, VMware, IBM, Microsoft, Citrix, Symantec and others
- > Zones CompleteCare services for ongoing support
- > Assessment services: network, server, storage, mobility/wireless, unified communications, software
- > One source for all professional services: planning, design, procurement, installation and implementation
- > Corporate Plus Minority Business Enterprise (MBE)

## Implementing a virtual environment

Certified Zones engineers virtualize data center environments, including servers, storage and the implementation of cloud-ready virtual desktops, which are now standard in many businesses.

- > **Assessments.** The Zones engineering team works with you to establish a baseline of your current IT environment. Following our detailed assessment, our technology experts will deliver and present a study identifying the full scope and scale of solution options.
- > **Design.** The design phase provides a comprehensive and detailed data center consolidation architecture and implementation plan based on your current and future requirements. Our field-experienced engineering teams take factors such as growth plans, budgets and standards into account during this phase. At the conclusion of the design engagement, you will have a complete road map on how a virtualization solution can be implemented successfully in your environment.
- > **Implementation.** Zones will work with your business and IT teams to implement your complete data center solution including a server consolidation solution, redundancy, compliance, security and application of business rules.
- > **Support.** Managed support services under Zones CompleteCare provide a wide variety of options of coverage and response times covering both system support and maintenance. We augment many of our services with the best-in-class offerings from our leading partners.



*Zones engineers use their expertise, knowledge and skills to configure, test and implement complex technology solutions.*

Trusted Zones Professional Services Engineers hold certifications from the leading virtualization and IT infrastructure brands.

