

Discover the benefits of virtualization

Access the IT resources you need, right when you need them

fact sheet: EDS Virtual Services Suite

- Gain maximum flexibility and scalability within a secure computing environment. With our dynamic suite of services, you can automatically allocate and dispose of resources to meet your business needs – while improving IT costs and controls through usage-based pricing, metering and billing.

Features

Rapid allocation of server, networking and storage resources

Usage-based reporting and billing at the departmental level

Automatic provisioning and disposal of virtual server environments

Benefits

Improve efficiency, productivity and IT/business alignment

Improve application performance and availability while controlling costs and reducing TCO

Increase customer satisfaction and reduce time to market by deploying or expanding applications in minutes

Respond quickly to growth requirements

Procure and pay for resources only as you need them

Share IT resources across departments but map IT costs to departmental budgets based on usage

Today's challenges

To thrive and survive in today's ever-changing marketplace, businesses must adapt and respond fast. Operational efficiency, agility and innovation are key. But data centers' server processing, storage and network infrastructures are struggling to meet the demands – at a time when IT budgets are shrinking. The source of the problem? Until recently, hosting resources and services came as fixed packages that limited flexibility and prevented resource sharing – practically forcing companies to procure and support duplicated, isolated and underutilized IT resources.

A virtually ideal solution

Those days are over. EDS – in conjunction with our Agility Alliance partners Sun, Microsoft and EMC – offers you virtualization solutions that can significantly reduce many of today's capacity utilization, system availability and performance, and business continuity problems. EDS Virtual Services Suite represents an integrated, standardized set of processes, enabling technologies and professional skill sets deployed within EDS service management centers – or within your own data center.

These leading-edge services deliver leveraged, high-value, virtualized compute capabilities – and a cost-effective, secure entry point into a utility-based computing model. More strategically, VSS provides end-to-end IT resource pooling and support across server, storage, network, applications and security environments – backed by comprehensive, policy-driven, highly-automated service delivery management systems.

EDS Virtual Services Suite includes a full range of compute, storage, network and application components. While many technologies are combined to create and deliver our virtualization capabilities, our current packages are built around the Sun Fire™ AMD Opteron™ servers – unique in the industry because of their ability to support Solaris, Linux and Windows. Additional solution components come from other EDS Agility Alliance partners: EMC's SAN storage solutions and industry-leading server virtualization technology, and Microsoft's Windows-based operating environment.



Service packages

EDS currently offers the following Virtual Services Suite packages:

- Stateless Infrastructure Server
- Stateless Web Server
- Stateless Application Server
- Stateless Database Server

All services are delivered on EDS' standardized stateless .NET (Windows OS platform) servers or J2EE (Linux platform) servers. Supported servers can take advantage of the server resiliency, server mobility and server pooling provided within the Virtual Services Suite compute fabric. This enables you to rapidly access and use computing resources; scale up, out and down as needed to meet changing business and application demands; and take advantage of usage-based pricing and billing.

Server virtualization - What is it?

Server virtualization occurs when high-capacity, stateless physical servers are pooled to run operating system images booted from a storage area network. These "virtual servers" share the server boxes and pool compute resources as needed. Resources such as CPU and memory are shared across the applications, balancing resource allocations according to set policies and requirements. This enables maximum utilization of server resources and investments. When additional computing power is required, additional resources are automatically identified, assigned and provisioned.

Comprehensive benefits for your enterprise

EDS Virtual Services Suite - in combination with the automated service delivery environment in which the virtualization technologies are employed - provides you tremendous business value.

Increase agility and flexibility by...

- Improving your ability to address changing business requirements and infrastructure demands
- Automating and speeding up provisioning of additional IT resources and problem resolution
- Dynamically distributing workload requirements across the infrastructure based on resource demand and availability
- Increasing or decreasing resource utilization as workloads grow or shrink
- Storing and redeploying server images quickly, easily and effectively

Improve operational excellence, service delivery and application availability by...

- Automating IT monitoring and management (to reduce problems resulting from human error)
- Clustering virtual images for failover (without requiring additional hardware investments)
- Dynamically moving workloads between servers prior to maintenance or problem detection
- Provisioning complete application environments in just minutes if hardware failures occur
- Creating production copies that can be used to quickly replicate and resolve production issues

Reduce total cost of IT ownership by...

- Maximizing utilization of a smaller number of resources
- Reducing the number of physical server, storage and network devices required to support your environment
- Improving productivity and efficiency of management and support

Achieve an affordable business continuity and disaster recovery solution by...

- Effectively capturing, backing up and restoring complete server and application environments
- Making disaster recovery planning, implementation and testing more cost-effective
- Automating migration capabilities



Contact

EDS
5400 Legacy Drive
Plano, Texas 75024-3199
phone: 1 800 566 9337
visit: eds.com
e-mail: info@eds.com

