



# XenEnterprise™: Datasheet

**XenEnterprise™ offers a single virtualization platform for Windows and other major operating systems for increased server utilization, IT cost reduction and improved operational agility.**

### Virtualization: The Enterprise Imperative

The case for server virtualization is now well understood – the compelling TCO advantages of hosting multiple virtual servers on a single physical machine result not only from savings in server, SAN, network and infrastructure costs, but also from reduced management overhead, as well as lower power, real-estate and deployment costs.

But virtualization has now become an economic imperative for other, equally important reasons:

**Flexible IT Infrastructure:** The ability to instantly provision new pre-packaged virtual servers onto a virtualized infrastructure gets new applications up and running in the data center in minutes, as opposed to weeks or months.

**Improved Business Continuity:** Being able to quickly move virtual servers from one machine to another, or re-start a failed server dramatically improves resilience to failures.

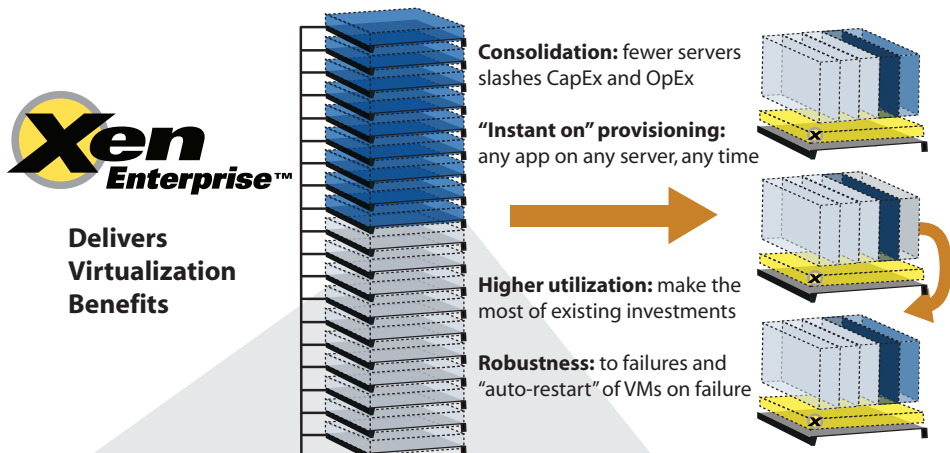
Today under 10% of servers are virtualized. The potential benefits resulting from a fully virtualized infrastructure are enormous. Yet customers today have little choice when

it comes to virtualization infrastructure software. Today's offerings are constrained by poor performance, are too expensive to use widely, and lock customers into a proprietary software stack that limits integration with data center infrastructure and existing management tools.

XenSource™, founded by the creators of the open source Xen™ hypervisor, delivers all of the benefits of virtualization based on the open source Xen hypervisor. Xen virtualization offers near "bare metal" performance, compared to the typical 20-30% overhead for virtualization of proprietary offerings. Xen technology is an open industry standard for virtualization and is backed by over 20 of the industry's major enterprise IT solution vendors.

### Supports Windows and Other Mainstream OS Guests

XenEnterprise is XenSource's first packaged virtualization solution based on the open source Xen hypervisor for the broad market. XenEnterprise delivers the compelling advantages of Xen-based virtualization with a comprehensive tool set to allow enterprises to instantly deploy and manage Xen-based virtual infrastructure.



## Features

### Easy to Use

- Easy installation of the Xen hypervisor and guest virtual servers
- Includes P2V tools to virtualize existing installed server images onto a XenEnterprise enabled server
- For standard servers with local storage and diskless blades with remote boot and storage

### Supports Windows and Other Mainstream

#### Operating System Guests

Support Windows Server, Linux and Solaris guests. For details of availability for specific guest OS versions, see the XenSource website.

### High Performance Paravirtualization

- Exploits Intel & AMD hardware virtualization for near bare metal performance of Windows guests
- Per guest resource guarantees for CPU, memory and I/O
- Up to 32-way SMP guest virtual CPU support, and up to 32 physical processors with dynamic "hot plugging" of VCPUs to CPUs provides an ability to scale compute for virtualized servers as needed

### Extensible Architecture

- Secure, low maintenance, small footprint virtualization platform
- Re-uses all Linux distributor certification and testing for greater reliability
- Supports all open source drivers as well as proprietary drivers for advanced server hardware, giving XenEnterprise support for a huge number of devices

### Bundled Multi-Host Xen™ Management

- Provision Xen and guest virtual servers
- Precise server resource control and assignment of server resources to guests
- Real-time monitoring of server and guest performance

**About XenSource™, Inc.** XenSource™, Inc. develops enterprise-grade virtualization solutions based on the industry's fastest and most secure server virtualization technology, the open source Xen™ hypervisor. Founded and run by the original Xen™ development team, XenSource™ products allow enterprises to realize the TCO savings that result from server consolidation, increased utilization, and reduced complexity in the datacenter. Find out more at [www.xensource.com](http://www.xensource.com)



**Delivering the Power of Xen**

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