

## Comprehensive Server Virtualization Without the Cost and Complexity

### true server virtualization:

- ▶ Enterprise-class virtualization management providing control and management of the virtual infrastructure.
- ▶ Advanced features including mobility, high availability, recoverability, CPU-load balancing and policies.
- ▶ Operating system independent, supporting a wide range of industry standard platforms.
- ▶ Reporting and analysis.
- ▶ A field proven solution with thousands of customer deployments.

### for everyone:

- ▶ **All Inclusive Pricing:** Virtual Iron includes its core server virtualization platform and VI-Center in a single priced solution making it easy to acquire.
- ▶ **Cost effective:** the most cost effective solution on the market enables customers to invest more in their IT infrastructure.
- ▶ **Easy to acquire:** through a large network of value added resellers.

Virtual Iron provides a true server virtualization software platform with a focus on small and medium enterprise customers. The product includes advanced capabilities and has been deployed in thousands of organizations to support a variety of data center initiatives. It's cost effective, easy to use and is deployed, integrated and certified with a wide range of server, network and storage solutions. With Virtual Iron, users can:

- ▶ Manage virtual machines for upgrades, rapid deployment, performance management and business continuance.
- ▶ Consolidate servers and reduce physical infrastructure requirements.
- ▶ Reduce power, cooling and floor space consumption.
- ▶ Virtualize production applications running on unmodified Windows and Linux.
- ▶ Quickly set up development, test and production environments.
- ▶ Recover from failures quickly, reliably and cost-efficiently.
- ▶ Match resource capacity to workload demands automatically.

Virtual Iron is a bare metal virtualization platform that consists of three layers:

**The hypervisor** provides the foundation for Virtual Iron. It fully leverages the latest hardware-assisted virtualization capabilities to create an abstraction layer between physical hardware and virtual resources.

**Virtualization services** provide advanced capabilities on top of the hypervisor, including server partitioning and virtual infrastructure creation.

**VI Center** provides an easy-to-use enterprise-class capability to create, administer and manage the complete lifecycle of virtual machines including creation, starting, stopping, rebooting, cloning and uninstalling. VI-Center is at the core of the solution and provides a sophisticated and reliable solution that makes Virtual Iron suitable for mission-critical applications.

### key product features:

#### Simple Deployment and Installation

- LiveProvision™ — Virtualization stack deployed automatically without manual software install
- LiveUpgrade™ — Upgrades without any virtual machine downtime
- Supports wide variety of local storage: SATA, SCSI, SAS
- Supports both fibre channel and iSCSI network storage
- Uses the Microsoft VHD format to import and export virtual machines and virtual appliances
- Supports Microsoft Active Directory and Open LDAP
- Leverages commercially supported SLES 10 kernel and drivers for the broadest certified hardware support

## Operating Systems

Virtual Iron supports the following 32 and 64-Bit guest operating systems:

- Red Hat Enterprise Linux 3
- Red Hat Enterprise Linux 4
- Red Hat Enterprise Linux 5
- SUSE Linux Enterprise Server 9
- SUSE Linux Enterprise Server 10
- Windows Server 2000
- Windows Server 2003
- Windows XP Professional
- Windows Vista
- Windows 2008
- CentOS4
- CentOS5

## Industry-Leading Performance and Scalability

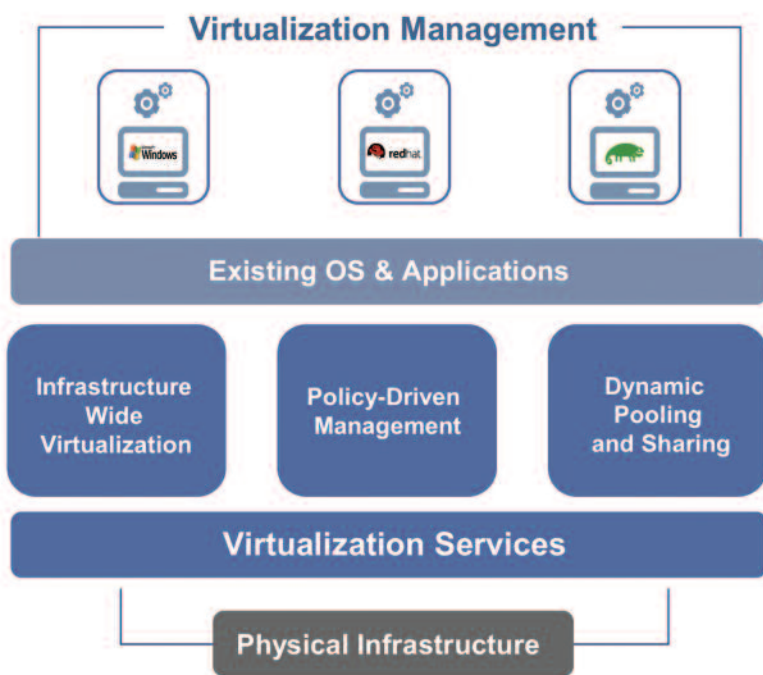
- Bare metal x86 virtualization for peak performance
- Built to fully leverage Intel and AMD virtualization technology
- High speed I/O drivers for enhanced disk and network performance
- High performance shared storage to centralize virtual machine file storage for greater manageability, flexibility and availability
- Up to 8-way Virtual Multi-Processors with up to 128GB RAM and 5 virtual NICs. This allows even the most processor-intensive applications like databases to be virtualized
- Bundled LiveConvert™ — P2V / V2V conversions powered by PlateSpin®

## Integrated Multi-Server Management

- Easy to use web-based user interface to create and administer the virtual environment
- Full lifecycle management of VMs including creation, starting and stopping, cloning and provisioning
- LiveSnapshot™ for hot backups and patch management
- LiveMigrate™ for uninterrupted movement of virtual machines between physical servers
- LivePower™ optimizes power usage by powering off physical servers when there is excess capacity and restarting them when more capacity is needed.
- Built-in capacity monitoring and dynamic workload management
- Out-of-the-box disaster recovery of virtual machines
- Multi-pathing for virtual server ethernet and fibre channel networks

## On Demand Virtual Machine Deployment

- Supports creation and deployment of Windows and Linux virtual machines
- Create virtual machines from OS install sources
- Clone existing virtual machines for rapid deployment
- Dynamically increase size of disk groups
- Integrated import/export for backup, archival and interoperability with other virtualization platforms



Virtual Iron is available for download free at [www.virtualiron.com](http://www.virtualiron.com)