

# CloudLayer™ Computing

SoftLayer Technologies®

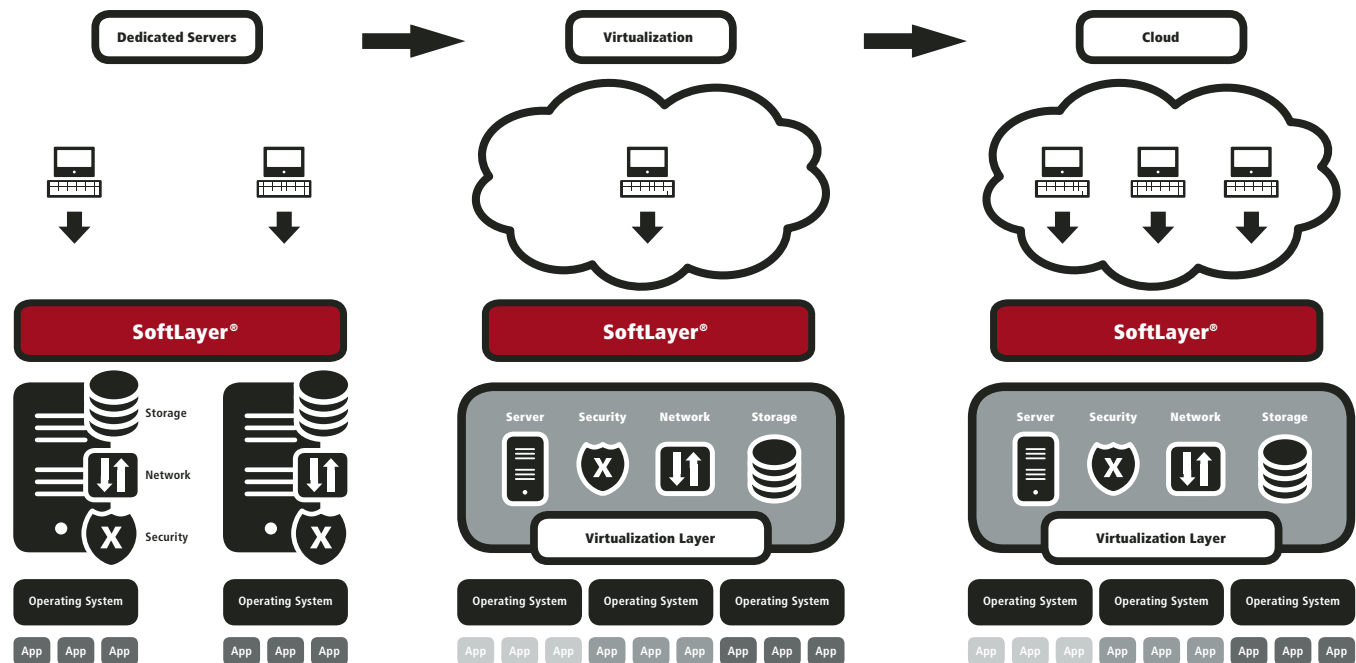
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## ■ What It Is

CloudLayer™ Computing provides massive, on-demand computing scalability, ideal for optimizing your IT environment with flexible yet robust computing power.

Deploy on-demand computing instances running enterprise-grade and open source operating systems in as few as five minutes. Leveraging SoftLayer's core advantages, automated services expertise, and the leading Citrix® XenServer™ platform, these instances can stand alone or be seamlessly integrated with the rest of your SoftLayer dedicated servers, virtual servers, automated services, and additional CloudLayer services, to create a unified computing environment with unequaled efficiency and interoperability.

Or build your own cloud computing solution from the ground up. SoftLayer dedicated servers paired with leading third-party solutions give you the perfect platform for creating and managing an environment for online applications and other Web 2.0 services.



## ■ Key Features and Benefits

**Pay As You Go Pricing** Hourly and monthly rates with no long-term commitment let you optimize your cost/performance balance and return on computing investment. Pay only for the computing power you need and use.

**Dedicated + Virtual + Cloud Integration** Dedicated, virtual, and cloud systems and services can be seamlessly integrated via SoftLayer's leading Private Network into a single computing environment controlled through our Customer Portal or API.

**Automated Recovery** Computing instances automatically recover in the event of the failure of a physical computing resource, maximizing uptime and continuity.

**Rapid Deployment** Turn services on and off on the fly to massively scale up or down to exactly the amount of computing power you need, exactly when you need it.

## ■ Key Features and Benefits (cont.)

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**Ease of Use and Control** KVM over IP access to computing instances, and full control via Customer Portal and API provides streamlined, simplified management of your solution and a direct connection to all SoftLayer services and tools.

**Image Library** Capture, template, and store system images for accelerated provisioning and simplified management.

**Wide Selection of Virtualization Technologies** Build your own cloud computing platform and choose your virtualization solution from a selection of leading third party partners, including VMware®, Microsoft®, Citrix, and Parallels®.

**Virtualization Beyond the Box** Virtualized networking, security, storage, and management lets you create fully virtual environments, optimizing your solution well past just the server.

## ■ Who Should Use It

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CloudLayer Computing is ideal for companies and individuals that require scalable computing power and flexible, independent, or integrated computing environments. CloudLayer Computing provides environments that are ideal for a wide variety of specific business applications, such as:

- Disaster recovery and business continuity
- Maintenance window and load balancing
- Abstraction layer
- Virtual labs (development, testing)
- Patching
- Security
- Thin client

## ■ Available Virtualization Technologies

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At SoftLayer, you can combine dedicated servers, CloudLayer Computing, and your choice of virtualization technologies to create a customized cloud computing platform. Virtualization options include:

**Citrix XenServer** Powered by the popular Xen hypervisor, XenServer includes an industry-leading, easy-to-use management console that can provision and manage any number of physical and virtual machines (VM) across a distributed data center environment.

**Microsoft Windows Server® 2008 Hyper-V™** Microsoft's next-generation hypervisor runs virtual machines running independent operating systems (including Windows, Linux, and others) on a single physical server, with integrated tools for managing both physical and virtual machine resources.

**Parallels Virtuozzo Containers** A preferred solution for hosting providers, Virtuozzo creates multiple, independent "containers" on a single physical server and OS instance. Each container holds an independent virtual environment (VE) complete with its own Linux operating system.

**VMware® ESX** ESX is a bare-metal hypervisor that abstracts processor, memory, storage, and networking resources to create multiple virtual machines from a single physical machine. Each VM can run separate operating systems and applications, allowing increased server utilization capabilities and cost efficiencies.

## ■ Contact SoftLayer

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For more information on the CloudLayer Computing or any of our products, contact one of our technically trained sales staff by phone, email, or live chat via our site.

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