

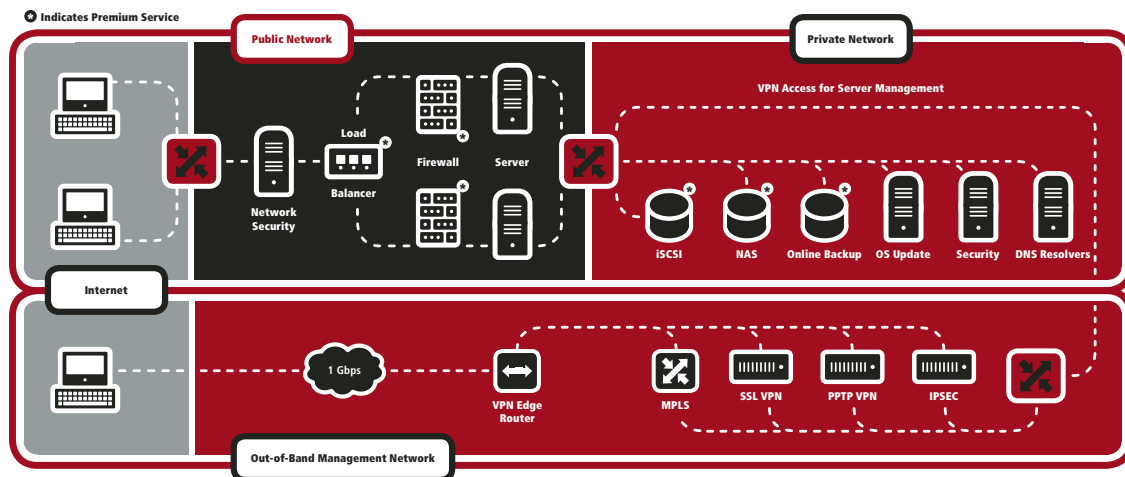
The Network

SoftLayer Technologies®

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What It Is

The SoftLayer® network seamlessly integrates three distinct and redundant network architectures—Public, Private, and Data Center to Data Center—into the industry’s first Network-Within-a-Network topology for maximum accessibility, security, and control. This revolutionary design gives system administrators unfettered access for total management over their server environments without exposure to external threats. Our network is built from best-in-class networking infrastructure, hardware, and software with exceptional bandwidth and connectivity for the highest speed and reliability.



Key Advantages

Three Fully Networked Data Centers Our data centers located in Dallas, Seattle, and Washington D.C., are built with SoftLayer’s unique pod data center design concept. Each is functionally independent with distinct and redundant resources, and fully integrated through SoftLayer’s revolutionary network architecture, allowing seamless intra-data center capabilities.

10 Network Points of Presence (PoPs) Our data centers are complemented by PoPs in seven additional U.S. cities, providing direct or shorter connections for lower latency and creating a superior end user experience.

Secure, Out-of-Band Private Network Our proprietary network topology provides VPN server access via dedicated, non-public carriers, keeping “backend” server access completely off limits to external traffic and allowing secure transfer of sensitive data. The Private Network provides unlimited bandwidth, allowing data transfer and management with no impact to public bandwidth.

Best-in-Class Infrastructure We leverage industry-standard hardware and software solutions from the industry’s top network and security technology vendors to provide exceptional performance, reliability, protection, and scalability.

High-Speed, Redundant Connectivity Our network provides maximum performance throughout its architecture. Each server rack features 40G of connectivity, ideal for applications including grid, clustering, and high performance computing. Dedicated 10G fiber connections between our geographically diverse data centers provides high-speed throughput with low latency.

Hardware Firewalls Our hardware firewall solutions can be provisioned on demand without service interruptions for additional and immediately scalable server security. Firewalls are fully managed through our convenient Customer Portal.

Global Load Balancing Our enterprise-class load balancing solution utilizes industry-standard techniques to balance traffic among two or more servers, even between geographically diverse data centers. It can be instantly activated and ready to configure, and servers can be added to or removed from the balancing pool on-demand with no downtime.

■ Network Structure

The SoftLayer Network-Within-a-Network topology integrates three distinct architectures:

Public Network Handles public traffic to hosted web sites or online resources. Features multi-homed connectivity with bandwidth from independent carriers, combining more than 20 x 10 Gbps connections to create one of the industry's fastest networks.

Carriers

- Global Crossing®
- Internap®
- Level 3®
- NTT America
- Qwest®
- Any2 LAX (peering)
- Comcast® (peering)
- Equinix IX (peering)
- NOTAIX (peering)
- NYIIX (peering)
- RMIIX (peering)
- SIX (peering)
- Telefónica (peering)
- TIE (peering)
- Time Warner (peering)

Technology and Tools

- Multiple Internet backbone connections
- Cisco™ Systems 10G network
- Cisco Guard DDOS protection
- Arbor Peakflow® traffic analysis
- Arbor ATLAS global traffic analyzer

Capabilities

- Automated IP routing and management
- Individual secure private VLAN per customer
- Gigabit speed from server to Internet
- Unlimited inbound bandwidth
- Allows on-the-fly addition of servers to existing VLANs
- Allows on-the-fly addition of services to existing servers
- Supports dedicated, VDS, and grid technologies

Private Network Allows for true out-of-band management through a distinct stand-alone third carrier over SSL, PPTP, or IPSEC VPN gateways.

Gateways

- XO Communications
- Cogent Communications

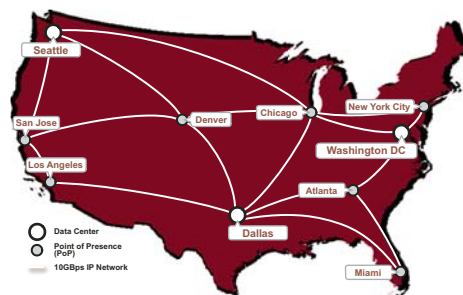
Capabilities

- Secure out-of-band management via VPN
- Individual, secure private VLANs per customer
- Unlimited bandwidth for uploads/downloads
- Gigabit server-to-server speeds
- Free server-to-server cross connects
- Secure customer-to-customer cross connects
- Direct access to tools and services including:
 - Private OS update, reload, and change servers
 - Geographically redundant DNS resolvers
 - SoftLayer software repository
 - Centralized NAS/backup
 - McAfee® security update server

Data Center to Data Center Network Provides free, secure connectivity between servers housed in separate SoftLayer facilities.

Capabilities

- Dedicated 10Gbps fiber link with AboveNet™
- Automatic fail-over through alternate secure connection
- Secure, high-speed data transmission between data centers
- 10 network Points of Presence (PoPs) provide direct or non-direct network connections for exceptionally low latency



■ Contact SoftLayer

For more information on SoftLayer and 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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