

# Washington D.C. Data Center

SoftLayer Technologies®

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## What It Is

SoftLayer® D.C. is located in a private N+1 data center facility just 7 miles from Dulles airport in Chantilly, Virginia. The facility is also home to data centers belonging to AT&T and Verizon Business, and receives power from two redundant Dominion Virginia Power grids. It includes three, on-site, 600-ton cooling towers, fully meeting N+1 cooling requirements.

### Specifications

- Capacity: more than 10,000 dedicated servers
- 2000 amps 480v input power
- 8 x 750 kVA UPS battery backup units
- 3 x 2 mW diesel generators with on-site fuel storage
- Redundant 30-ton CRAC units
- FM-200 fire suppression system with VESDA
- Biometric security system
- Digital security video surveillance

SoftLayer data centers are SAS 70 Type II Certified, meeting industry-recognized requirements for security and reliability. The exhaustive, third-party certification assessment included extensive testing of the control objectives and activities at all SoftLayer data center facilities, including oversight by executive management, operations and customer service, development and information technology organization, human resources policies and procedures, and risk assessment monitoring.

Additionally, SoftLayer is self-certified with the U.S. Department of Commerce's U.S.-European Union (EU) Safe Harbor framework, verifying that SoftLayer meets the EU's adequacy standard for data and privacy protection. Self-certification and participation in the Safe Harbor framework is entirely voluntary.

For official documentation or any questions regarding SoftLayer's SAS 70 Type II Certification and Safe Harbor self-certification, please contact sales@softlayer.com.

## Key Advantages

**On-Demand, Virtual Data Center** Through IPMI 2.0 server technologies, secure and remote out-of-band management, and proprietary automated solutions, SoftLayer provides a highly scalable, on-demand, virtual data center experience.

**Geographic Diversity** With fully-featured data centers in Seattle, Dallas, and Washington D.C., SoftLayer provides geographic diversity ideal for maintaining system and data redundancy, as well as for placing systems in the optimal physical location for traffic volume and speeds.

**Redundant, Best-in-Class Infrastructure** All SoftLayer data centers maintain multiple power feeds, fiber links, dedicated generators, and battery backup. They are built from industry-leading hardware and equipment, ensuring the highest level of performance, reliability, and interoperability.

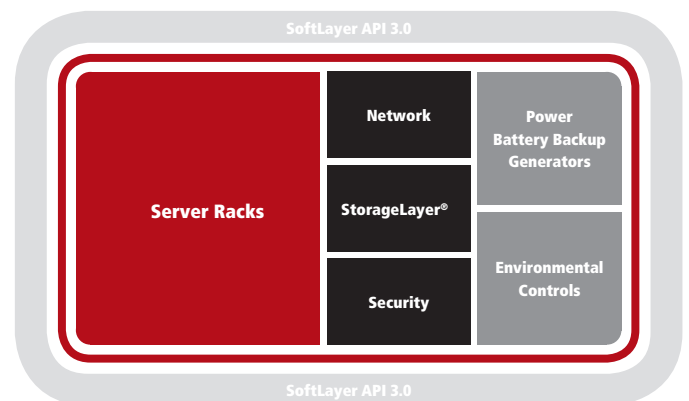
## Data Center Pod Concept

SoftLayer created the unique pod design concept for data center environments. Each data center facility features one or more pods, with each pod built to the same specifications with best-in-class methodologies to support up to 5,000 servers. Leveraging this standardization across all geographic locations, we optimize key data center performance variables, including: space, power, network, personnel, and internal infrastructure.

### Current Pod Distribution

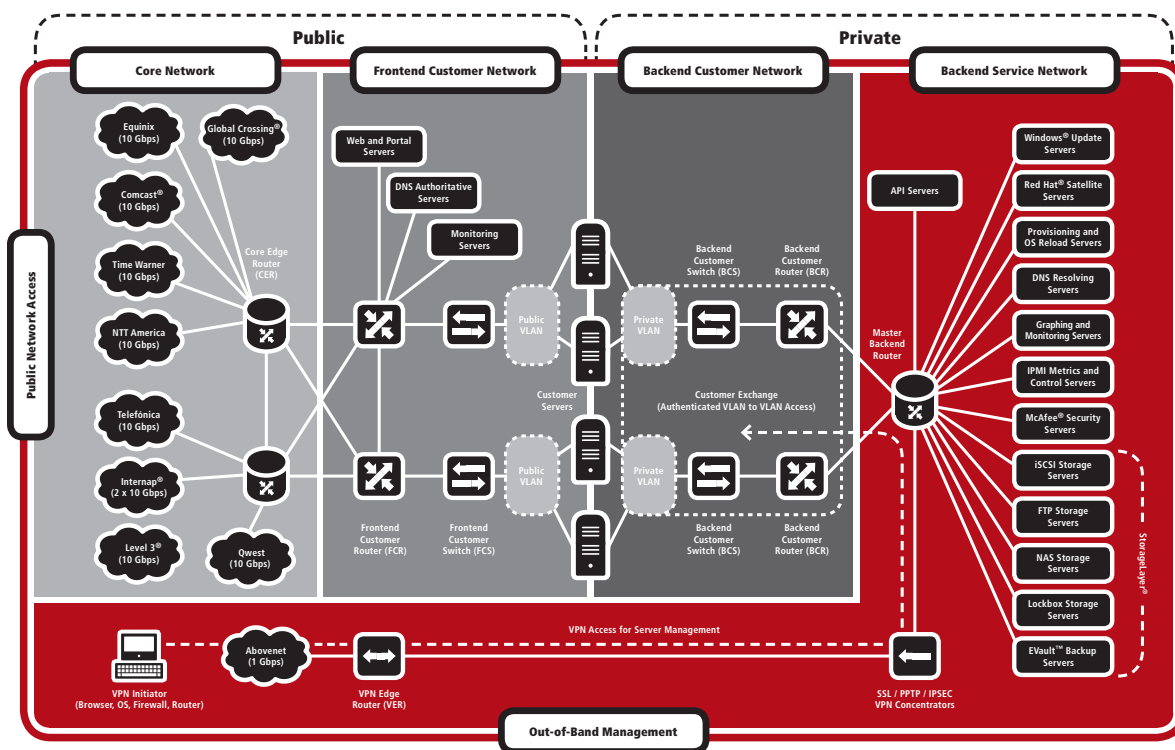
Dallas (INFOMART): 5 pods  
Seattle (Sabey): 2 pods  
Washington, D.C. (Digital Realty): 2 pods

(Total current capacity: 9 Pods, 1,200 racks and 45,000 servers.)



## Washington D.C. Network Overview

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. Our network is built from best-in-class networking infrastructure, hardware, and software with exceptional bandwidth and connectivity for the highest speed and reliability.



## Private Network Advantage

SoftLayer's Private Network provides an unparalleled advantage in security, accessibility, and bandwidth efficiency. It allows administrators to access servers via VPN over carriers that are not connected to our Public Network. This totally segregates public and private traffic, allowing administrators to securely manage their servers and transfer data without sacrificing public bandwidth to their sites. SoftLayer provides unlimited Private Network bandwidth usage.

## 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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