IBM

## Highlights

- Deploy solutions designed precisely for your needs

- Deploy a web tier of virtual servers and distribute high-performance physical clusters for big data infrastructure

- Connect virtual, bare metal and SAN components; protect them with a suite of firewalls and information security solutions

- Configure a complete private cloud online and begin using it in less than two hours

# Cloud without compromise for the US Federal Government

## Virtual and physical. Public and private. Hourly and monthly.

The cloud platform from SoftLayer®, an IBM company, provides cloud infrastructure at Internet scale: what you want, deployed on-demand and in near-real time.

## Cloud without compromise, powering the US Federal Government.

These capabilities start with SoftLayer data centers in Texas (open now) and Virginia (opening in 3Q 2014). Each center is designed and built to comply with demanding federal standards, and each device in each center—from servers to power supplies — is connected to a single integrated management system. This design enables automated deployment and control of the entire platform, including both bare metal and virtual components, and extends that control to you through one web portal and API for on-demand scalability and management.



*Figure 1*: SoftLayer data centers can provide capabilities that meet federal needs.

You also benefit from the industry's first triple network architecture, which segregates public, private, and management traffic. Redundant tier-1 carriers provide 2,000 Gbps of connectivity between the federal data centers. Bare Metal and virtual servers can communicate like they are in one rack, with no special networking required.

Standardized. Modular. Integrated. Truly one platform, available by the hour or by the month.

*Figure 2*: The SoftLayer infrastructure platform integrates components via an advanced triple network architecture and unified control plane.

## Designed for federal standards

SoftLayer security management is designed to meet the strictest government standards. It employs security and privacy controls defined by NIST SP 800-53. Furthermore, SoftLayer federal data centers are designed to meet FedRAMP and FISMA standards and are recognized by SOC 2 Type II certification. SoftLayer cloud solutions are also compliant with HIPAA and PCI-DSS, and leverage a shared responsibility model that can allow you to secure your own environment on dedicated bare metal servers. These standards are enhanced with additional security features such as multi-factor authentication, vulnerability scans, anti-virus and anti-spyware protection, host-based intrusion detection, virtual private networks (IPSEC and SSL) and SSL certificates.

## Functional scaling

With thousands of physical servers dedicated to federal workloads and a platform built for today's ambitious federal applications, SoftLayer solutions offer the capacity and capability for you to grow when and as much as needed.

## Modular infrastructure

With a range of infrastructure options from hourly virtual servers to high-performance bare metal, turnkey big data solutions, and on-demand private clouds, you're not locked into basic virtual machine templates on a shared platform.

## Full control

Access more than 200 services via a unified API or portal. Provision servers, configure services, upgrade, reboot, scale up and scale down.

SoftLayer solutions are available to US Federal agencies, government agencies and partners who require a FedRAMP-compliant environment. To learn more and get started today, call 1-877-999-7115 or visit **ibm.com**/cloud/gov/softlayer.