

SUNGARD ENTERPRISE CLOUD SERVICES (IaaS)

Flexible. Secure. Enterprise-grade.

The elasticity and efficiency of cloud. The security and experience of SunGard.

SunGard Enterprise Cloud Services combines SunGard's world-class infrastructure with best-in-breed operational support. Enterprise Cloud Services not only helps elevate application availability—it also solidifies security and compliance frameworks.

As a **fully managed solution**, SunGard proactively monitors and manages your workloads to prevent other workloads from negatively impacting your performance, availability or security.

The SunGard Cloud **easily interconnects** with your SunGard-hosted physical environments for a hybrid solution. And you have the flexibility to migrate specific application environments to the cloud while retaining others in-house.

Whatever you choose to migrate to the SunGard cloud, it's covered by a **99.95% infrastructure uptime** Service Level Agreement.

SunGard management of your cloud infrastructure can be combined with a range of **Managed Services**, including intrusion detection systems and geographic load balancing. Our specialists can manage your Citrix, SQL database, MS Exchange server, Active Directory, and Blackberry Enterprise Server on the cloud, as well.

As an SAP-certified provider of Cloud Services, SunGard also offers **cloud-enabled SAP Services**, which delivers the cost-saving potential of a virtualized infrastructure with management of key aspects of your application environment.

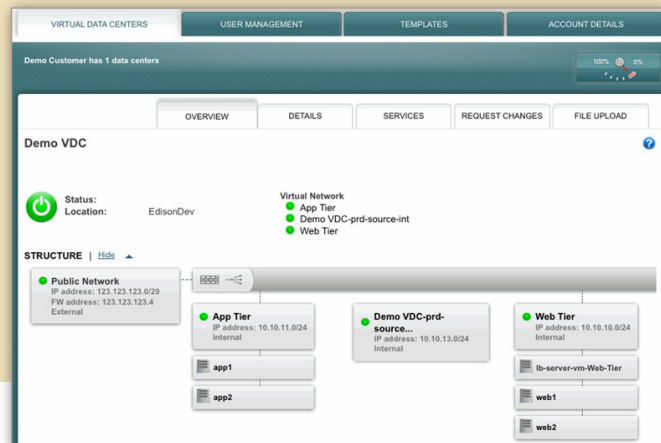
SunGard's **Cloud Readiness Assessment and Migration Services** can evaluate your environment and determine its preparedness for migration to the cloud. This comprehensive assessment evaluates server, operating system and application dependencies, along with network, security, storage, compliance and financial requirements to ensure successful deployment.

Enterprise-class architecture

Built for production workloads, the SunGard managed IaaS solution provides an on-demand, virtualized infrastructure that delivers application availability with built-in resiliency. The platform leverages proven, best-in-class Vblock technology from partners including EMC®, VMware® and Cisco® combined with expertise in managed hosting and application availability.

SunGard Enterprise Cloud Services offer multiple layers of protection, including dedicated virtual machines with redundant firewalls for data integrity and security, monitored 24/7 within secure SunGard data centers. A virtual private network (VPN) ensures only authorized users can access information via the Internet.

Change management is a key component of SunGard's Enterprise Cloud Services. All changes, whether customer-directed or not, are controlled by the same strictly documented process in order to sustain governance, risk and compliance requirements.



The powerful and intuitive Enterprise Cloud Services portal puts control the cloud environment in your hands.

Managed Multi-site Availability

SunGard Enterprise Cloud Services offers **two options** for maintaining a second virtual environment in a data center far from the primary server.

Managed Multi-site High Availability

A fully redundant architecture built using two separate enterprise grade cloud instances delivered via geographic load balancing

Managed Multi-site Fail-Over

A warm restart option where the secondary cloud instance is used for fail-over, offering a 30-minute recovery point objective and a four-hour recovery time objective

Enterprise Cloud Services at a Glance

IaaS Capabilities	Features
Compute	<ul style="list-style-type: none"> Virtualized environment providing hypervisor and OS system services — including Windows® and Red Hat® SunGard Software Licensing Services options available Virtual machine configurations customizable to your specific requirements Scalable resource model including flex options for vCPU, vRAM, vStorage, and network
Availability	<ul style="list-style-type: none"> Multiple layers of data protection, including built-in resiliency within the Vblock infrastructure to meet security and availability requirements options for single or dual site, with geographic load balancing
Network	<ul style="list-style-type: none"> Broad networking options including multiple VLAN support, robust Internet connectivity, MPLS and dedicated circuit options
Storage	<ul style="list-style-type: none"> Managed storage with integrated backup and restore included in the service
Security	<ul style="list-style-type: none"> Platform built to support a broad range of compliance standards Managed firewall and virtual private network connectivity
Rapid Provisioning	<ul style="list-style-type: none"> Store custom VM templates in your own private image library Virtualized instances deployed within minutes
Management and Monitoring	<ul style="list-style-type: none"> 24/7 management and monitoring of your virtualized infrastructure Incident response facilitated by a fully staffed Integrated Operations Center and Network Operations Center Patching for all OS/virtual devices
Portal and Reporting	<ul style="list-style-type: none"> Customer management portal to view, manage and request compute resources on demand View invoices online
Business Application Services	<ul style="list-style-type: none"> SAP, Citrix, MS SQL, MS Exchange, Active Directory, and Blackberry Enterprise Server
Cloud Consulting	<ul style="list-style-type: none"> Optional consulting services including a Cloud Readiness Assessment and Cloud Migration Plan to help assess and migrate environments to the cloud and ensure a strong return on investment
Deep expertise	<ul style="list-style-type: none"> SunGard offers more than 30 years of experience managing recovery and production of heterogeneous environments, including support for hybrid infrastructures.
Cost savings	<ul style="list-style-type: none"> Migrating to the SunGard Cloud can reduce total IT operating costs for mid-sized organizations by an average of 35 – 55%¹.

¹ 35% – 55% saving based on a medium-sized enterprise with approximately 80 physical servers running a mixture of common applications, dispensing with their IT infrastructure and utilizing a virtual private cloud operated by SunGard Availability Services.

About SunGard Availability Services

SunGard Availability Services provides disaster recovery, managed IT, information availability consulting services, business continuity management software to over 9,000 customers globally.

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