

# Product Brief



## Hybrid Cloud Computing by AT&T

### Turnkey, on-demand cloud infrastructure

Align computing resources with the needs of your business, shift costly CapEx to reasonable OpEx and deploy servers quickly and easily.

Businesses are finding their journey to the cloud can be challenging, trying to navigate what type of infrastructure is best suited to their workloads and their budget. Certain applications may require highly-secure, high-performing, dedicated cloud servers such as banking or HR, while others need scalability and public access to a high number of users such as training, project management, dev testing or social apps.

Whether you want to extend your existing infrastructure to the cloud to create a hybrid cloud or simplify your infrastructure into one platform, we can provide the right cloud for your organization.

And, we can help you connect more securely and reliably to your cloud. Security in the cloud continues to be a top concern for companies dealing with sensitive data or compliance requirements. Rather than sending data over the public Internet, you can use AT&T NetBond® to directly connect your virtual private network through private and highly-secure IP network connections.

#### Choose Your Cloud

Our hybrid solutions extend your existing IT world, by providing a mixture of cloud computing options to help you meet your business requirements in a cost effective manner.

Virtual Servers and/or dedicated servers:

**Public Cloud:** As a multi-tenant cloud solution, a public virtual server offers the price advantages of a shared computing environment and can be an easy entry point into the cloud. It can be great when you need a near-instant platform for general purpose web applications, variable workloads or testing and development and the ability to choose from an array of operating systems.

**Private Cloud:** As a single-tenant cloud solution with dedicated resources, a private virtual server can be ideal for specialized applications and workloads. Private virtual servers can also deliver the security-enhanced environment required for meeting compliance demands. Further, you can benefit from enterprise-class virtualization solutions and optimized performance.

**Dedicated Servers:** With these bare metal, dedicated servers, 100 percent of server resources are reserved for your usage. Perfect for demanding application workloads, configure your server to your exact specifications via the portal or API and deploy in near real time.

#### Solution Overview

AT&T offers two different models of compute. Depending on your needs you can choose a fast automated, pay as you go, framework or a managed infrastructure that can provide application management including virtual desktops. Our flexible approach also allows you to choose from VMware, Citrix, or other virtualization software options.

#### Potential Benefits

- Store data in the cloud, not on devices, to lessen mobile computing risks
- Increase protection from business disruption by replicating data across multiple AT&T enterprise-class security data centers
- Centralize the deployment of security software, updates and patches over the network
- Extend your existing IT world, delivering a true cloud solution, in a cost effective manner
- Avoid data center capacity restraints with server deployment in as little as 5 minutes
- Meet audit and regulatory compliance requirements for data storage and retention

#### Features

- Choose the cloud environment, from public virtual or private virtual to bare metal servers
- Receive free 24x7 support via telephone, live chat or email support
- Automated functions such as server reboots, operating system reloads and software upgrades
- Choose from managed storage and backup options
- No charge for network traffic between servers or data centers on the SoftLayer private network
- Select from VPN, and MPLS connectivity options

To learn more about Hybrid Cloud Computing by AT&T, visit [www.att.com/cloudcompute](http://www.att.com/cloudcompute) or [have us contact you.](#)

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**SoftLayer® Services:** An automated, standardized and fast way to deploy virtual or bare metal servers. The on-demand solutions within this portfolio let you pay only for the capacity you provision in the cloud, and it's at your command within minutes. As a result, you can respond to business change cost-effectively and on the fly.

**AT&T Virtual Desktop Service:** Includes managed infrastructure, managed virtual desktops, and managed email and file collaboration tools. All of which are accessible from any device anywhere and all supported with a single help desk.

### SoftLayer

SoftLayer offers dedicated or virtual servers solutions on a monthly or hourly basis. Both solutions provide robust computing power you can rely on, along with the scalability and cost benefits of the cloud.

### Provision in Minutes

Automated, menu-driven selections, including enterprise-grade servers and operating systems, make provisioning in the cloud easy. Standard server features require little or no added configuration, so you quickly create your cloud solution. Select single or multi-core environments, RAM and local storage capacity then pick standard configuration options at no added cost – from operating system, bandwidth and number of processing units to databases and security software.

### Save and Copy Server Images

Blur the lines between virtual and physical with SoftLayer Flex Images™. You can save physical or virtual server images from SoftLayer servers in your personal image

library. Then, you can copy them to any other SoftLayer server in any data center to speed and standardize future provisioning and deployment.

### Take Control and Scale

For easy remote management, SoftLayer provides a portal with a range of self-service tools. More than 200 backend services and activities are readily accessible to you. So, you can automate core functions. To simplify management, you can control a mix of resources – both dedicated and cloud – via the same portal.

### AT&T Virtual Desktop Service

The AT&T Virtual Desktop Service portfolio enables customers to extend existing IT and create a true cloud solution, in a cost effective manner. Our portfolio includes managed infrastructure, managed virtual desktops, and managed email and file collaboration tools. All of which are accessible from any device anywhere and all supported with a single help desk.

### Network and Storage Options

With the freedom to choose from dedicated or multi-tenant storage and network resources within the platform, you can design the infrastructure that's right for you. For example, instead of investing in dedicated switches, firewalls and load balancers, you can "plug into" the multi-tenant network infrastructure deployed across AT&T Internet Data Centers. Four tiers of built-in storage options let you match capacity to your unique requirements. There are also backup and recovery options available for your primary storage resources so nothing gets lost.

### A Cloud Based Desktop Environment

AT&T Virtual Desktop Service moves the traditional device-based desktop environment into the AT&T cloud. Rather than storing programs, applications and data locally on a PC hard drive, they reside and run on a remote centralized platform within a state-of-the-art AT&T Internet Data Center. This centralized platform provides your IT staff with a faster, easier way to manage the never-ending influx of endpoint devices, while enhancing the security of your data and applications.

As a cloud-based solution, AT&T is a total package of colocation, security computing and storage that eases the impact on your data center and equipment budget. Instead of purchasing your own new servers and storage assets, you access this infrastructure in the AT&T cloud. AT&T manages the network, server and storage infrastructure that supports service delivery for a fixed, monthly price. This Service provides multiple layers of protection for the Enterprise desktop environment including two-factor authentication.

Whether you need virtual servers hosted, a virtual desktop partner, email managed or are seeking an enterprise-grade cloud based file sharing service, AT&T Virtual Desktop Service can get you set up quickly.

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