



HP CloudSystem – a Single Platform for Private, Public and Hybrid Clouds

Integrated system for enterprises and service providers

Overview

Cloud environments enable enterprises and service providers to speed innovation and reduce time to revenue. However, adoption of cloud computing is being constrained by the lack of a comprehensive and integrated approach.

Clients are looking for a solution to manage private and public clouds side by side with traditional in-house IT environments to enhance agility and accelerate business processes. Current approaches to cloud computing create fragmentation and can only address a portion of the capabilities required for a complete cloud solution.

[HP CloudSystem](#) is the most complete, integrated and open platform that enables enterprises and service providers to build and manage services across private, public and hybrid cloud environments. As a result, clients have a simplified yet integrated architecture that is easier to manage and can be scaled on demand.

HP CloudSystem

Based on [HP Converged Infrastructure](#) and [HP Cloud Service Automation](#) software, HP CloudSystem delivers an integrated approach to automate the application to infrastructure life cycle. This enables clients to accelerate business processes, reduce time to revenue and enhance financial flexibility.

HP CloudSystem delivers broad application support and helps businesses package, provision and manage cloud services to users regardless of where those services are sourced, whether from CloudSystem's "on-premises" resources or from external clouds. Automated management capabilities help ensure that performance, compliance and cost targets are met by allocating private and public cloud resources based on a client's pre-defined business policies. As a result, clients can create and

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deliver new services in minutes.

HP CloudSystem is powered by HP BladeSystem with the Matrix Operating Environment and HP Cloud Service Automation. This lets customers provision complete application infrastructures in minutes rather than months while unifying security, governance and compliance. Client benefits include:

- Increased agility by being able to add and subtract cloud and traditional IT services on demand through an easy-to-use self-service portal.
- Lower risk by eliminating up to 70 percent of outages and security incidents caused by manual configuration errors through a proven set of automation and configuration best practices.
- Increased control through monitoring and managing the entire cloud service life cycle in alignment with business policies, cost and performance goals.

CloudSystem is optimized for HP Converged Infrastructure technology, including [HP 3PAR Utility Storage](#), a next-generation storage platform built for cloud computing, and the high-performance [FlexNetwork](#) architecture from [HP Networking](#). CloudSystem is protected by HP security solutions that enable businesses to secure assets with unprecedented speed and simplicity, including offerings from [TippingPoint](#), [ArcSight](#) and [Fortify](#). HP CloudSystem also supports third-party servers, storage and networking to protect customers' investments.

Clients who have already invested in HP Converged Infrastructure technology, such as HP BladeSystem, HP Matrix Operating Environment, mission-critical HP-UX, HP 3PAR Utility Storage and HP Cloud Service Automation, can easily expand their current architectures to achieve a private, public or complete hybrid cloud environment with HP.

HP offers [HP Cloud Consulting Services](#) and [HP Education services](#) for CloudSystem, including HP CloudStart, to fast track building a private cloud. HP CloudSystem Matrix Conversion Service helps transition current BladeSystem environments to CloudSystem. [HP Solution Support for CloudSystem](#) simplifies problem prevention and diagnosis with end-to-end support for the entire environment. These services deliver solutions right-



sized for the client's environment, protect investments when transitioning from a virtual infrastructure to a private cloud solution and rapidly deploy CloudSystem in a hybrid, multisourced cloud environment.

More information about HP CloudSystem is available at www.hp.com/go/cloudsystem.

[HP DISCOVER](#) is taking place through June 10 in Las Vegas. The next HP DISCOVER event will take place Nov. 29 - Dec. 1 in Vienna, Austria. The events showcase how organizations can get started on their [Instant-On Enterprise](#) journeys.

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