

# Drive business agility and performance

## Private Cloud Express



**Private Cloud Express is a tested private cloud offering delivered by experts from HPE Technology Services or one of our qualified HPE partners to enable better business outcomes.**

- Increase agility and flexibility to leapfrog your competitors by accelerating time-to-business-services with the automated provisioning and self-service portal provided by HPE Cloud Service Automation and HPE Operations Orchestration.
- HPE Helion CloudSystem is designed to unify hybrid IT resources. This pre-integrated hardware and software solution instantiates a private cloud within hours and has the capability to bring your hybrid cloud management under a single pane of glass.
- Mitigate risk and drive business growth while retaining control and ensuring security with HPE's built-in, holistic data security, access controls, audits, governance, and risk and compliance controls.
- Uses the HPE HC380 as infrastructure giving IT the benefits of HPE Hyper Converged Systems, such as simplified firmware upgrades and full integration by design allowing for true turnkey implementations.
- Application Suitability and Rationalization will give you the knowledge you need to optimize the workload placement in your new cloud.

Accelerate delivery and optimization of business services by building a cloud and assessing workload suitability

### Accelerate the cloud journey

Cloud is critical to delivering the agility and speed that business demands. IDC states that “effective cloud computing environments empower end users, facilitate business agility, optimize cost and resource consumption, control business risk, and enforce regulatory compliance via the use of automation, analytics, and standards.”<sup>1</sup>

With up to 90% of IT budgets spent on maintaining existing systems,<sup>2</sup> businesses are looking for new ways to accelerate service delivery, optimize efficiencies, and reduce costs.

To meet these demands, more and more enterprise application workloads are being deployed in private or hybrid clouds, with over 30% of enterprises running an average of more than 1000 VMs in a private cloud.<sup>3</sup>

By moving workloads to the cloud, you can deliver infrastructure and services faster, quickly scale as your business grows, and reduce costs. And moving to a private cloud reduces pressure on IT resources and budgets, allowing you to reinvest in modernizing applications that drive business growth.

### Enable the Right Mix of hybrid infrastructure to deliver results

To power your new and legacy application workloads, different IT environments are required based on your unique industry and application needs. The Right Mix of traditional infrastructure, private cloud, and public cloud with consistent management

and control software enables you to meet the demands for agility and excellent user experience. Many organizations lack the unique skills and experience to leverage their “next generation” technology investments, but are under pressure to deliver results quickly.

Meeting the ever-increasing expectations of the business means having the expertise and understanding to leverage the technology under new delivery principles and practices.

Successful organizations ensure they understand critical success factors, and avoid common pitfalls for their cloud initiatives with a structured yet agile approach focused on their desired business outcomes.

### Your fully engineered entry point to the cloud

With Private Cloud Express, Hewlett Packard Enterprise offers businesses the fastest way to the cloud. Hewlett Packard Enterprise can help you transform to a hybrid infrastructure and build a private cloud—on-premises and under your control.

### Workloads in the cloud

The Application Suitability and Rationalization bundle in Private Cloud Express enables customers to gauge workload suitability against targeted cloud platforms; this process allows customers to forecast how feasible it is to host an application in the cloud platform and whether there will be a benefit to migration.

<sup>1</sup> IDC MaturityScape: Hybrid Cloud Management, January 2015

<sup>2</sup> Updates to HP (now HPE) Helion Portfolio Help Customers Unlock Value of a Hybrid Infrastructure, June 2015

<sup>3</sup> Cloud Computing Trends: 2016 State of the Cloud Survey, RightScale, January 2016

## Solution brief

56%

of organizations use private, on-premises cloud.<sup>4</sup>

38%

of organizations use hosted, private clouds.<sup>4</sup>

Customers can use multiple business, technical, financial, and functional criteria to rationalize workloads against and identify cloud fit. Hewlett Packard Enterprise unique automated workload rationalization processes allow customers to focus on more critical business and technical priorities. The process of identifying and classifying workloads suitable for the cloud is accelerated using HPE's workload suitability and mapping engine, which automates the cumbersome process of workload rationalization. Using these tools, customers can rapidly create cloud workload portability blueprints, which can be used as a baseline towards successful cloud migration projects. Suitability analysis also takes into account multiple operating and deployment models, and cost benefit analysis to forecast cloud transformation ROI.

### Enterprise-grade experience

IT is the foundation of any business, enabling internal processes and external experiences that deliver value to the customer. It must be highly scalable and available, be secure against loss or intrusion, provide advanced features and configurability, and do all that with a unified management experience. The Private Cloud Express solution, based on CloudSystem, is a comprehensive solution built on open source technologies, reinforced for security and resiliency, and delivered on proven hyper converged hardware. Build your business with a single solution provider for bare metal, services, and everything in between.

### Private Cloud Express is built for the future

Hewlett Packard Enterprise and its partners have decades of experience helping organizations find their optimal technology solutions.

Hewlett Packard Enterprise provides a unique alternative to traditional "cloud projects" and technical implementations that deliver only the technical installation of the platform.

These often deliver a basic configuration that validates the system is "operational as installed" in features and function. Many HPE customers desire to deploy an initial set of cloud services that provide "quick-win" outcomes without the additional time and risks associated with typical "trial and error" efforts. Private Cloud Express will give clients that "quick win" that is in many cases needed to stay on track while allowing for future expansion.

Hewlett Packard Enterprise provides the opportunity for its customers to choose an alternative that provides a new experience and a quicker time to value.

The HPE approach leverages "real world" expertise and practices to help your organization experience the value of enabling your technology investment to accelerate deployment of the initial cloud services to reduce time, risk, and effort.

Hewlett Packard Enterprise can help you reduce risk, optimize costs, and quickly migrate with the Right Mix of technologies, services, and financing.

Contact your preferred HPE solution provider to find your Right Mix, and begin your transformation to a more agile, flexible, and secure cloud environment.

Learn more at [hpe.com/transform](https://hpe.com/transform)

<sup>4</sup> Corporate Cloud Computing Trends, 451 Alliance, June 2015



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