

Hewlett Packard Enterprise

Transform to a hybrid infrastructure

In the idea economy, finding your right mix of hybrid infrastructure is critical to powering your applications and achieving business outcomes



To power your new and legacy applications and workloads, different IT environments are required based on your unique industry and application needs. Organizations need the right mix of traditional infrastructure, private cloud, and public cloud with consistent management and control software to meet the demands for agility and excellent user experience.

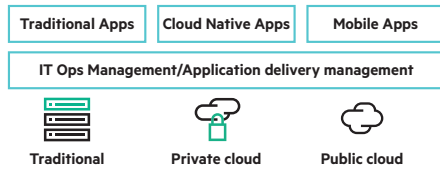


Figure 1: New Style of Business requires finding the right mix to power all the applications

49% of IT executives lack confidence in managing a hybrid environment¹

67% of organizations need external help to implement the right cloud²

74% of clients with internal cloud solutions look for vendors that can provide cloud professional services³

72% of businesses say that consolidating IT infrastructure is a top priority to reduce costs⁴

Hewlett Packard Enterprise manages more than

400k server instances of all mainstream operating systems with over

100k virtualized or in cloud services

Today's business challenges

Technology is making it easier to rapidly bring new products and services to market with minimal capital investment, creating disruption in every industry. Organizations need to see IT as a differentiator to rapidly accelerate their ability to execute on ideas and to create new value from applications and data.

TODAY'S CHALLENGES

Managing diversity of applications: IT must find new ways to accelerate app development and delivery while maintaining existing systems.



Accelerating infrastructure and operations: Legacy environments and processes cannot adapt fast enough to meet business demands and opportunity.



Funding IT transformation: CAPEX-only financing limits business speed and flexibility while legacy environments consume most of your IT budget.



Improving the experience: Users are demanding rich, seamless experiences creating pressure on IT to deliver.



Avoiding vendor lock-in: Organizations suffer from the risk of lock-in from application, infrastructure, and cloud service vendors.



TYPICAL TRANSFORMATION OBJECTIVES

Define your application strategy: Create a roadmap for your existing and future apps including developing, migrating, modernizing, re-hosting, and retiring.

Find the infrastructure "right mix:": Determine the right infrastructure to accelerate creation and delivery of your apps.

Spend as you grow: Harness new financing and OPEX-based consumption models to free resources and to deliver IT capacity faster.

Create value with IT: Adopt DevOps practices and harness data to experiment, learn, and improve in order to accelerate IT operations, app delivery, and quality.

Create flexibility: Open and standard-based systems and environments reduce risk and increase flexibility for your applications, infrastructure, and data needs.

What matters in transforming your business

WHAT MATTERS

Speed matters: Your ability to quickly execute on new opportunities vs. your competition is the difference between being the disruptor or the disrupted

Infrastructure matters: Find the right combination of infrastructure to power the diversity of applications and business requirements across your organization

Open matters: Businesses need the flexibility that open architecture provides—enable the right applications for the business and avoid lock-in

Ecosystem matters: Organizations need access to a large set of best-of-breed solution and service providers for their specific IT requirements

Flexibility matters: Transform your business in the right sequence at the right time with the software and infrastructure to power your applications

WHY HEWLETT PACKARD ENTERPRISE

One stop shop: Hewlett Packard Enterprise uniquely combines IT expertise with innovations in infrastructure, software, and services to create the IT solutions to accelerate your organizational goals

The infrastructure leaders: #1 or 2 in all major infrastructure categories including private cloud, servers, storage, and networking⁵

Open architecture: Hewlett Packard Enterprise supports open source technologies including Linux® and OpenStack®, and supports integration with third-party hardware and software vendors

Partners for success: Hewlett Packard Enterprise brings the right internal expertise and a broad set of external partners to deliver best of breed infrastructure, services, and solutions

Modular transformation: Hewlett Packard Enterprise can design and execute to a roadmap that moves you to your desired state in a step-by-step manner which is consistent with your business model

Transformation area brief

40%

of the Fortune 100 companies run Hewlett Packard Enterprise cloud

Among enterprises that see cloud as the primary destination for their workloads over the next

2 years, **74%** will be deployed in private cloud.⁶

Hewlett Packard Enterprise helps ensure a better end customer experience by reducing customer lost hours

by up to **76%**⁷

¹ "Measuring the Business Value of Converged Systems," IDC, December 2014

marketwatch.com/story/frost-sullivan-recognizes-hp-security-research-and-hp-tippingpoint-for-setting-industry-benchmark-among-security-research-organizations-2014-07-15-72034548

² Bloomberg/Audience Insights, Sponsored by HP (now Hewlett Packard Enterprise), Nov 2013

³ Gartner 2014 Annual CIO Survey

⁴ **Cloud**—IDC press release, 2015 Worldwide Cloud IT Infrastructure Market Grows; idc.com/getdoc.jsp?containerId=prUS25732215

Servers—IDC Quarter x86 Server Tracker, 2015

Storage—IDC, Worldwide total disk storage systems market, 2015

Networking—IDC WLAN Vendors, 2014

⁵ 451 Research Right Mix Survey from 1,155 enterprise respondents, 08/2015

⁶ HPE Case study, World-class service creates customer advantage for Vodafone Ireland

⁷ research.gigaom.com/report/survey-enterprise-development-in-the-cloud/

⁸ IDC expert ROI June 2010, The Business Value of HP Business Service Automation (BSA) Solutions

¹⁰ bain.com/Images/BAIN_BRIEF_Five_faces_of_the_cloud.pdf



Sign up for updates

★ Rate this document

Hewlett Packard Enterprise

How to engage with Hewlett Packard Enterprise

HOW HEWLETT PACKARD ENTERPRISE CAN HELP

Define your right mix: Achieve the right infrastructure, right cost, and right performance for applications

With Hewlett Packard Enterprise, you can:

- Identify your current IT state and roadmap and execute to your desired future state

Power your right mix: Build your infrastructure and operations to keep pace with your enterprise's new applications and requirements

With Hewlett Packard Enterprise, you can:

- Power all types of infrastructure from traditional and virtualized to private cloud
- Reduce costs by up to 40% with managed services infrastructure⁸

Optimize your right mix: Automate and orchestrate your infrastructure mix and transform your app delivery at the right cost and right time

With Hewlett Packard Enterprise, you can:

- Reduce app development time through cloud PaaS by up to 75 percent and testing time by up to 72 percent⁹
- Accelerate application delivery by reducing infrastructure provisioning time by up to 50 percent¹⁰

EXAMPLE OF HEWLETT PACKARD ENTERPRISE PORTFOLIO

- **Hybrid roadmap development:** Advisory services to understand application requirements for migration into the "right infrastructure"
- **Apps transformation and migration:** Re-host, re-architect, replace, or retire applications to effectively manage portfolio to reduce cost and improve efficiency
- **Implementation services:** Pan-HPE project management from design through deployment to the final hand over

- **Infrastructure innovations:** Complete portfolio of modern servers (ProLiant), storage (HPE 3PAR), and network technologies to create agile, cost effective platforms for applications in all environments
- **Composable and converged infrastructure:** Using a single native API, customers can provision, configure, and monitor their infrastructure, which reduces overall time spent on managing their environments
- **HPE Helion Managed Cloud and HPE Helion developer platform:** Source, deliver, and govern highly scalable business-driven services by leveraging consumption-based cloud solutions or CAPEX based private cloud solutions and enable developers within such environments
- **Infrastructure migration:** Services include legacy and data platform migration to lower costs and create a more agile, open infrastructure
- **DC consolidation and virtualization:** Modernize your data center Facilities and IT infrastructure, reducing costs and improving IT efficiency
- **Manage private cloud:** Create open, IaaS, and PaaS private cloud environments for traditional and cloud-native workloads, with automation, orchestration, and control across multiple clouds

- **DevOps expertise and solutions:** Experience, tools, and managed services to enable continuous integration and testing, development and deployment, and operations
- **IT Operations Management:** Experience, tools, and managed services to automate common tasks, orchestrate end-to-end processes, and transform delivery of applications with a modern user experience
- **Application Delivery Management:** Optimize and accelerate the planning, testing, delivery, and support to drive the modern application lifecycle from idea to delivery, faster without compromise
- **Cloud service broker:** Provide managed or on premises brokerage services to enable businesses to provision, control, and manage multiple vendors from a fully integrated view
- **Enterprise Solutions On Demand:** Provide a large selection of relevant business solutions via an online, on demand experience including service-provider ready platform, managed services, and go-to-market programs
- **Flexible Capacity services:** Plan, design, integrate, implement, operate, and support a full-lifecycle hybrid delivery model utilizing industry-leading services, software, and hardware products
- **Data Center Automation and SDI:** Help customers meet new challenges with automation and orchestration solutions

What next?

Schedule a Transformation Workshop. Talk to your Hewlett Packard Enterprise representative about signing up for a Transformation Workshop.

Learn more about transforming to a hybrid infrastructure at hpe.com/us/en/solutions/transform-hybrid.html.

© Copyright 2015 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. The OpenStack Word Mark is either a registered trademark/service mark or trademark/service mark of the OpenStack Foundation, in the United States and other countries and is used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community. Pivotal and Cloud Foundry are trademarks and/or registered trademarks of Pivotal Software, Inc. in the United States and/or other countries.

4AA6-3104ENW, December 2015