

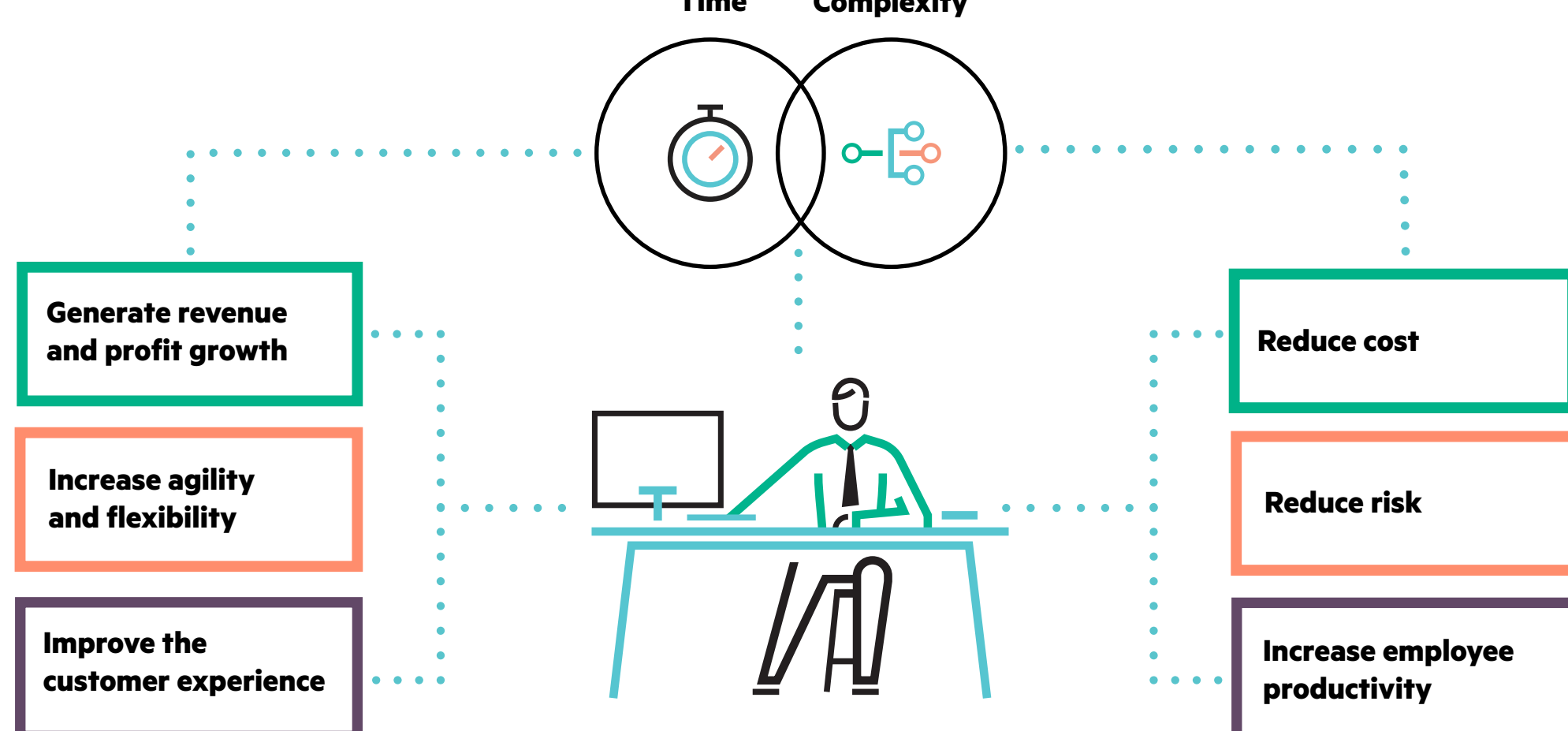
Accelerate virtualized workloads for efficient IT service delivery

Automate and optimize your most demanding data center workloads.



Challenges

In the Idea Economy, IT is the business partner for value creation and must deliver services at the speed of business.



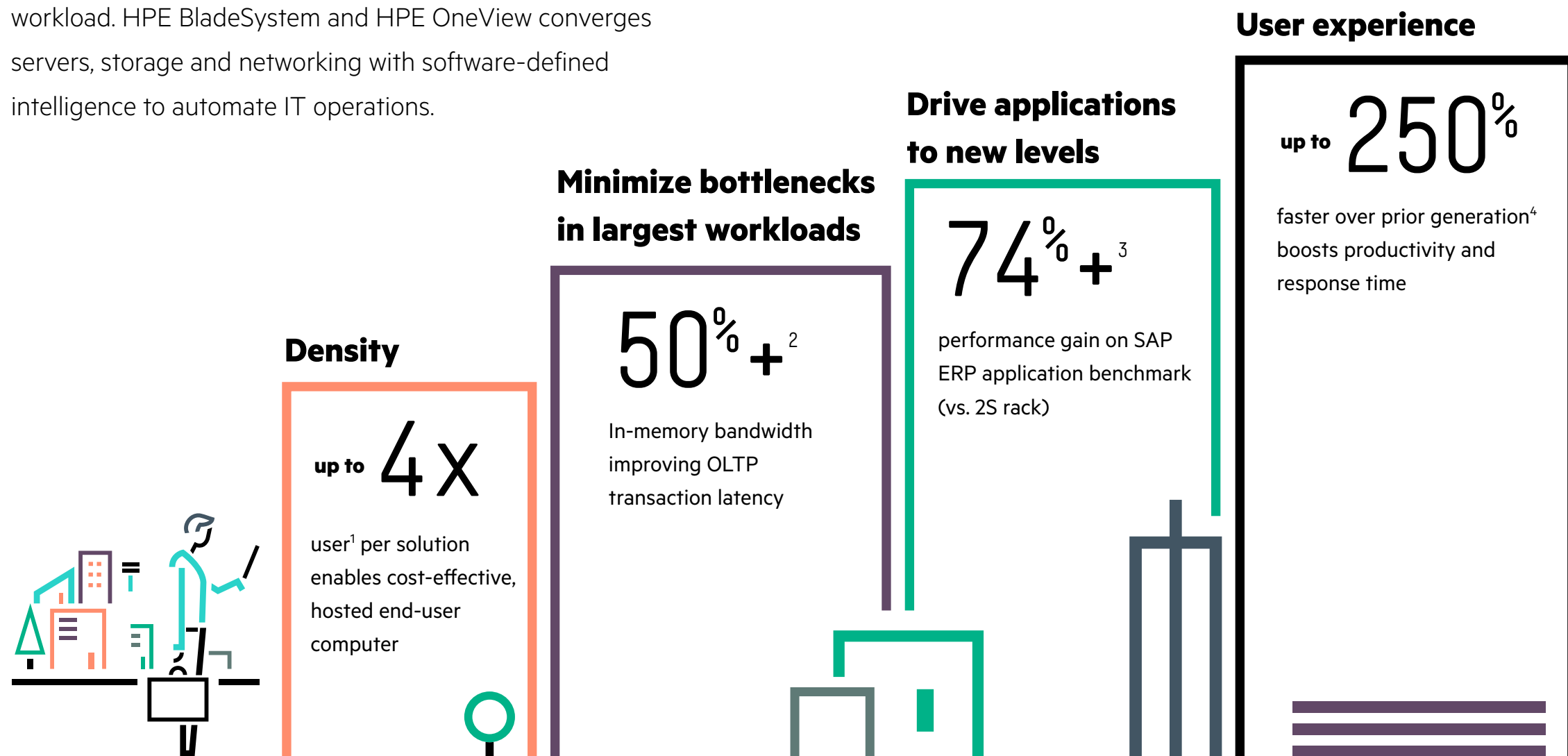
Workloads

Workloads supported by data centers are the lifeblood of many businesses today. Understand the challenges associated with four common and often mission-critical workloads.

	<p>Server Virtualization</p> <p>Server virtualization has become the <i>de facto</i> standard method by which new server workloads are deployed in the enterprise. It brings its own challenges through virtual sprawl resulting in underutilization from over-provisioning.</p>	<p>Challenges</p> <ul style="list-style-type: none"> Complexity Poor resource utilization Energy efficiency
	<p>Virtual Desktop Infrastructure (VDI)</p> <p>Many considered VDI as a cost-reduced replacement for desktop PCs that could reduce ownership costs and troubleshooting support because VDI machines could be supported and installed remotely, rather than at user desks. Things didn't work out the way people expected.</p>	<p>Challenges</p> <ul style="list-style-type: none"> Diverse user needs Reduced user productivity Poor graphic performance
	<p>Database Consolidation</p> <p>Organizations have created database systems that are islands unto themselves, adding significant expense and complexity to what should be fast and nimble services. Consolidation is a must but managing this without impacting critical business functions is challenging.</p>	<p>Challenges</p> <ul style="list-style-type: none"> Increased database server licensing costs Increased management overhead Planning for resource utilization needs
	<p>Unified Communications</p> <p>Modern businesses rely on their unified communications and collaboration (UCC) systems in order to get work done. Communications and collaboration continue to become more easily accessible, while the infrastructure behind these systems has become increasingly challenging to support.</p>	<p>Challenges</p> <ul style="list-style-type: none"> Reliability Increase costs Difficult to scale

HPE BladeSystem

Simplify the challenge of managing diverse workloads with modular infrastructure that can flex to the needs of each workload. HPE BladeSystem and HPE OneView converges servers, storage and networking with software-defined intelligence to automate IT operations.



HPE OneView

HPE OneView is your infrastructure automation engine that enables you to work faster and more simply by automating and streamlining IT processes across compute, storage and fabric resources.

- 1. Deploy infrastructure faster**
- 2. Simplify lifecycle operations**
- 3. Develop more apps faster with a unified API**
- 4. Increase productivity and accelerate time to value**

Accelerate IT service delivery with HPE OneView, a simpler and more efficient way to manage IT infrastructure through automation.

<p>HPE Global Dashboard: See your entire infrastructure across multiple data centers globally from a single view</p>	<p>Software-defined templates to automate tasks</p>	<p>Online migration for non-disruptive operations</p>	<p>Remote support feature for 24x7 health monitoring and automatic parts dispatch</p>
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Optimize your data center workloads with speed by automating converged infrastructure to simplify management and deliver faster IT service delivery for your business.



Learn more and download www.hpe.com/info/workload-guide

¹HPE internal analysis. NVIDIA Tesla M6 supports 32 users in same form factor as one NVIDIA K2 graphics card with 8 users.
²HPE white paper, 4AA6-1030ENW
³Performance gain on SAP ERP application benchmark compared to a 2S rack solution - SAP, Adaptive Server, and all SAP logos are trademarks or registered trademarks of SAP AG in Germany and several other countries. All other product, brand, or trade names used in this publication are the trademarks or registered trademarks of their respective trademark owners. The HP ProLiant BL660c Gen9 Server Blade achieved 27,200 benchmark users of the SD component of the SAP® ERP application with 148,850 SAPs, running Microsoft Windows Server 2012 Datacenter Edition, Microsoft SQL Server 2012, and SAP enhancement package 5 for SAP ERP 4.0. The stated results are published as of 06/01/15; details can be found at sap.com/benchmark. The DL380 achieved 15,035 benchmark users of the SD component of the SAP® ERP application with 85,580 SAPs.
⁴HPE, NVIDIA analysis, based on Floating point performance of NVIDIA K300M (1.05TFLOPS) and MVIDIA M6 (2.7TFLOPS), source