



# Make IT Easier with Hyper Converged

## Top Business Benefits Revealed



Does your company have the agility to keep pace with today's data-driven marketplace? If you're unsure, you're not alone. Today's infrastructure requirements such as digital transformation, integration, deployment, and the need to rapidly create and broker new apps and services, make it difficult for companies to compete when they are working on legacy infrastructures.

That's what makes hyperconvergence in the form of HPE SimpliVity, powered by Intel® Xeon® processors, so innovative. This enterprise-grade hyper converged platform from Hewlett Packard Enterprise and Möbius Partners unites best-in-class data services with HPE ProLiant DL380 Gen10 servers—the world's best-selling server<sup>1</sup>—to streamline and accelerate IT operations.

### What Can Hyper Converged Do for You?

We all know the benefits of a standard infrastructure, but what is a hyper converged infrastructure (HCI) and what does it mean for you? Today's business challenges, including shortage of power, space, and cooling resources; virtual machine (VM) sprawl; long development cycles; gaps between what the business needs and what IT can deliver; and a limited and over-tasked IT staff, prompted many companies to turn to server virtualization and cloud computing projects to try and overcome those difficulties.

However, for some companies, those initiatives have led to lengthy projects, increased management complexity, and higher operational costs instead of simplified IT. So, what's a company to do? They turn to hyperconvergence, which provides the benefits of a virtualized data center in a compact, cost-effective system that is easy to deploy, manage, and support.

### Accelerate Development

Businesses across all industries and sizes have already started to leverage the benefits of cloud computing that include agility, scalability, consumption-based pricing, cost reduction, security, and resilience. A recent IDG survey of IT decision makers found that they anticipate having over sixty percent of their total IT environment in public, private, and hybrid cloud by the end of 2018 citing lower cost of ownership, replacing on-premise legacy systems, enabling business continuity, and speed of development as key drivers for the migration<sup>2</sup>. Migrating to a public, private or hybrid cloud environment is the first step to transform to a modern infrastructure with hyperconvergence helping to accelerate and simplify the process.

A hyper converged infrastructure is an incremental level to hybrid cloud and picks up where converged systems leave off by replacing hardware-defined discrete components

with a software-defined architecture that combines compute, storage, and virtualization in one tightly integrated appliance.

HPE SimpliVity, powered by Intel® Xeon® processors, is designed to work as one system to streamline management and create a much more agile environment for risk-averse companies looking for a staged approach to modernization and greater flexibility. One in two companies are now considering adopting hyper converged systems as IT leaders seek new ways to reduce costs, simplify deployments, and scale their infrastructures.<sup>3</sup>

### Business & Technical Benefits of Hyper Converged

From a business perspective, the benefits of hyper converged systems include reduced capital and operating expenditures, thanks to fewer components than are required in conventional systems; a small footprint; simplified management; and efficient power and cooling. Better still, you won't need several IT specialists to keep a hyper converged system up and running. Instead, an IT generalist can manage it on a day-to-day basis.

On the technology side, hyper converged systems make things easier in the day-to-day life for your IT professionals. They no longer need to manage separate server, storage, and networking systems, each with its own management tools. The infrastructure includes built-in resiliency and is easy to set up, easy to learn, easy to service, and easy to scale. And just because the system is small doesn't mean it's not mighty. Four powerful servers, all-inclusive enterprise-class data services, and inherent data protection

provide the same level of service as traditional IT solutions. Day to day management is simple with management centers that don't require the need to learn a new console.

### Make the Move to Hyper Converged

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[Contact us](#) to learn more about hyper converged or give us a call at 888.834.5531.

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<sup>1</sup> CQ1'16 IDC Server Tracker.

<sup>2</sup> IDG, "Cloud Computing Survey," 2016.

<sup>3</sup> ActualTech Media, "Hyper-Converged Infrastructure in the Modern Enterprise," 2015.

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