



Generating Business Value Through IT Agility Using HPE Synergy

EXECUTIVE SUMMARY

Digital transformation (DX) is an essential mandate for businesses to thrive in a digital economy. Businesses embark on DX initiatives while keeping the business running on a daily basis. Current-generation applications (CGAs) are essential for existing business operations, whereas next-generation applications (NGAs) and technologies (collectively referred to as IDC's 3rd Platform technologies) form the essential underpinning for DX. A fundamental requirement for IT departments in the short to medium term is to manage an infrastructure that supports current- and next-gen apps, each with vastly diverse infrastructure requirements and service-level objectives. A new class of composable/disaggregated infrastructure (CDI) solutions has been designed to inherently meet this infrastructure requirement of concurrently hosting current- and next-gen apps. By pooling compute, storage, and networking resources, CDI solutions can provide a simple, scalable, and easy-to-manage platform for the entire datacenter. IDC estimates the market for CDI to follow a similar trajectory as hyperconverged systems and cross \$4.7 billion in 2023.

HPE Synergy is a full-stack CDI system, powered by Intel Xeon Scalable processors, comprising the disaggregated hardware platform and a suite of management software that allows rapid provisioning and seamless ongoing management of resources. IDC interviewed organizations about their use of HPE Synergy to run and support various business applications. Study participants reported that HPE Synergy has made their IT operations significantly more agile and flexible, even as they improve performance and lower costs. IDC's analysis shows that these organizations will realize value with HPE Synergy that will translate into more than a three-to-one return on their investment (223% five-year ROI) by leveraging increased IT agility and automation to:

- » **Provide timely and flexible access to compute, storage, and network resources**, enabling application development teams to be more productive and leading to lower IT costs.
- » **Reduce time requirements for monitoring and provisioning activities**, freeing up IT staff time to take on other projects and initiatives.
- » **Improve application performance and provide new functionality in less time**, thereby increasing user productivity levels.

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Hewlett Packard Enterprise Inc.

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February 2019

Business Value Highlights

223%
five-year ROI

35% lower
cost of operations

25% lower
IT infrastructure costs

60% more
efficient IT infrastructure teams

71% less
staff time per server deployment

30% higher
application development team productivity

2.3% higher
user productivity