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Business Value  
Highlights452%  
five-year ROI50% lower  
cost of operations, five years8 months  
payback91% less  
unplanned downtime50% faster  
development life cycle,  
new features71% more  
efficient IT infrastructure teams93% less  
staff time to deploy new servers

# Business Value of Improved Performance and Agility with Cisco HyperFlex

## EXECUTIVE SUMMARY

Decisions made within IT departments have never been more important to the broader business than they are today. IT departments must react quickly to new business initiatives that are designed to drive bottom-line improvements and generate new revenue streams. It should be no surprise to learn that IT departments are increasingly looking for infrastructure that improves productivity and agility within the datacenter. Organizations around the world are turning to hyperconverged infrastructure (HCI) to achieve just such goals. Indeed, HCI offerings like Cisco's HyperFlex have become critical platforms for modernizing datacenter infrastructure, thanks to their ability to:

- » Collapse silos of storage, compute, and data management services down to a cluster of x86 servers that can be deployed, managed, and supported as a single system
- » Support IT organizational transformation through consolidation of roles that are focused on virtualization, compute, and storage at generalist level
- » Reduce the need to deploy different types of siloed infrastructure within the data center, including data efficiency and data protection solutions

Although the market for hyperconverged infrastructure is at the early stages of its life cycle, it's becoming increasingly clear that these scale-out and feature-rich HCI systems are driving real capex and opex benefits within datacenters around the world.

IDC spoke with organizations about their experiences running various business workloads on the Cisco HyperFlex hyperconverged platform. These organizations reported that Cisco HyperFlex provides the performance and agility they need to better meet business demand while delivering a cost-effective and scalable infrastructure platform. These operational and cost benefits translate to strong value for study participants, which IDC projects will be worth \$58,600 per 100 users (\$1.98 million per organization) per year, through the following:

- » **Strong performance and scalability** drive higher user productivity and support business expansion that generates additional revenue.
- » **Reduced frequency and duration of unplanned outages** mean fewer business interruptions affecting users of applications and business operations.
- » **Ease of management and agility** deliver efficiencies for IT infrastructure, IT support, and application development teams.
- » **Infrastructure consolidation, high performance, and ease of scaling** allow for more cost-effective IT infrastructure.