Hyperconverged infrastructure (HCI) has grown in importance as enterprises seek to replace their legacy IT systems with cost-effective modern technology that affords them the agility and scalability they need for the digital transformation initiatives their business leaders are increasingly demanding. Software-defined HCI products such as Cisco HyperFlex combine virtualization, compute, storage, and network technology to reduce the complexity of deploying, operating, and managing IT infrastructure and free IT personnel to focus on more innovative business-critical projects.

HCI clusters expand through the addition of industry-standard server hardware to keep down costs and ease scaling over traditional three-tier infrastructure that separates the compute, storage, and networking components.

IDC conducted research on the value and benefits that organizations are achieving through the use of Cisco HyperFlex systems to run and manage important business applications and workloads. The study included interviews with seven organizations that had experience with and/or knowledge about the benefits and costs of using Cisco HyperFlex.

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Based on the survey data, IDC calculated that each study participant would see average annual benefits of $3.4 million per organization and achieve a 405% five-year return on investment (ROI) by, in part:

- **Cost-effectively optimizing core IT infrastructure** with an agile and scalable hyperconverged platform that supports business-critical workloads

- **Enabling IT teams to work more efficiently and productively** and reduce the time needed to deploy and manage storage, compute, and network resources

- **Enhancing business operations and results** by improving application and database performance and curbing unplanned downtime

![95% less staff time required to deploy new storage resources](image)

![92% quicker to deploy new compute infrastructure](image)

![71% less staff time required to deploy new compute](image)

**Read the full white paper**