

modernize.  
automate.  
transform.



#### EASTERN OFFERS:

Private, Public and Hybrid Cloud Strategy and Implementation

- Cloud Management Platform Implementation
- DevOps Strategy
- Hyper-Converged Infrastructure Solutions
- End User Compute Modernization Solutions
- Data Center Relocations and Migrations
- Backup and Recovery/Archive
- Advanced Networking Expertise
- Specialized Security Solutions

## The Software Defined Data Center Using Hyper-Converged Infrastructure: Bridging the Gap Between Legacy Data Centers and Modern Virtualization

In order to support today's modern applications and business requirements, organizations need modern data centers that are not only agile and scalable, but highly virtualized, automated and software-defined. This modernized infrastructure can be achieved by employing a Software Defined Data Center (SDDC).

The SDDC bridges the gap between modernized, efficient virtualization platforms and lagging storage. Hyper-Converged Infrastructure (HCI) is a fundamental building block for the SDDC, enabling agility and speed without driving up costs. By integrating compute, storage and management into software that runs on a unified platform, the SDDC delivers services that were previously provided via hardware through software.

### A Whole New Way to Collaborate, Connect and Manage IT Resources

Eastern, partnered with Dell EMC, delivers industry-leading HCI platforms that support the SDDC to simplify IT, modernize data centers and help transform the business. With this infrastructure in place, organizations can:

- > Streamline IT operations
- > Scale easily and incrementally
- > Increase service agility
- > Optimize TCO
- > Support both traditional and cloud-native workloads
- > Increase focus on business outcomes

In fact, businesses who've modernized their infrastructure systems using Dell EMC HCI solutions have reported:\*

**DELL EMC**  
PARTNER  
**TITANIUM**



**73%**  
FASTER TIME  
TO DEPLOY



**59%**  
LOWER COST OF  
OPERATIONS



**619%**  
FIVE-YEAR  
ROI

By combining legacy hardware with software-driven intelligence, Hyper-Converged Infrastructure and the Software Defined Data Center lets organizations share and access resources on demand, eliminate hardware dependence and simplify data center management.

 **Contact Eastern for your Free HCI Assessment.**

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\*IDC commissioned by Dell EMC, "The Business Value of Modernizing Infrastructure with Hyper-Converged Systems," October 2017



## CASE STUDY: EASTERN ADVANCES DIGITAL TRANSFORMATION FOR MULTINATIONAL HOSPITALITY COMPANY

### > CHALLENGE

A multinational hospitality company was running up against challenges with their legacy online reservation system. Built on disparate hardware components, the application was developed utilizing traditional Platform 1 and Platform 2 models that were not scaling as fast and efficiently as the business needed in order to stay competitive.

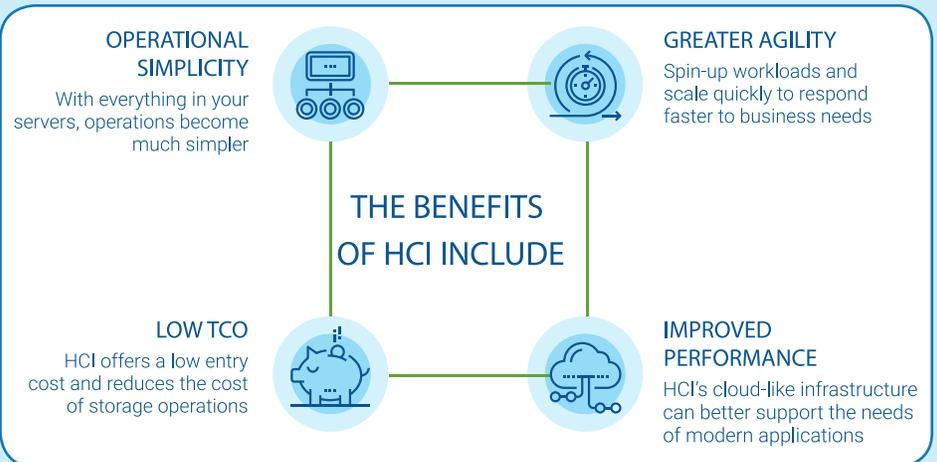
### > SOLUTION

Eastern architected a transformational Dell EMC Hyper-Converged Infrastructure that integrated compute, storage and network to form the backbone of a Platform 3 model – the Software Defined Data Center. Serving as the foundation for their private and public cloud requirements, this hybrid cloud solution utilizes agile development methods for an enhanced and streamlined customer service model.

### > OUTCOME

The customer realized an overall increase in their ROI through a reduction in production time and operating expenses, including:

- > 41% savings in production time administering the HCI system compared to the legacy infrastructure
- > Faster installation or scaling of new infrastructure with deployments measured in hours as opposed to weeks
- > Near zero percent application downtime by eliminating integration and validation errors
- > Significant reduction in Business as Usual costs



- > Boosted productivity and centralized global operations in conjunction with automation tools
- > Simplified infrastructure with integrated technology solutions

### WHY EASTERN?

Eastern has nearly three decades of experience providing end-to-end enterprise technology solutions to customers across the globe. A certified partner for industry-leading IT manufacturers, Eastern has a proven track record of designing and deploying complex enterprise Hybrid Cloud, Hyper-Converged, Server, Desktop, Elastic Cloud, Isilon and Backup and Recovery solutions.



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