CSV Midstream Solutions

Introduction
This case study of CSV Midstream Solutions is based on a May 2015 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

“We’ve migrated all of our data onto a reliable storage array. In addition, we’ve saved a significant amount of storage space thanks to the dedupe technology.”

Challenges
The business challenges that led the profiled company to evaluate and ultimately select HPE SimpliVity Hyperconverged Infrastructure:
- Purchased SimpliVity as a result of a new application deployment (including VDI).
- Prior to deploying SimpliVity, they found the management of multiple solutions and vendors to be a non-issue.

Use Case
The key features and functionalities of HPE SimpliVity Hyperconverged Infrastructure that the surveyed company uses:
- Uses SimpliVity in the following ways:
  - Infrastructure modernization/technology refresh
  - Virtual Desktop Infrastructure (VDI)
  - Production applications

- Runs the following types of applications on SimpliVity:
  - VDI
  - Industry-specific application (e.g., 911 system, healthcare application, legal case management, CAD/CAM, etc.)

Results
The surveyed company achieved the following results with HPE SimpliVity Hyperconverged Infrastructure:
- Improved performance by 25% to 50% with SimpliVity.
- Realized a capacity savings of up to 50:1 with SimpliVity.
- Deployed new workloads, including allocating compute and storage resources, and configuring data protection policies, in the following amount of time:
  - after SimpliVity: up to 1 day
  - before SimpliVity: 1 day – 1 week
- Realized value in 1 week after the deployment of SimpliVity.
- Ranks the value of the following SimpliVity features:
  - global federated management: highly valuable
  - hyper-converged appliance: valuable
  - VM-centric management via vCenter: highly valuable
  - inline dedupe, compression: extremely valuable
  - integrated data protection: valuable

Company Profile
Company: CSV Midstream Solutions
Company Size: Small Business
Industry: Energy & Utilities

About HPE SimpliVity
Hyperconverged Infrastructure
HPE SimpliVity hyperconverged technology brings all IT infrastructure and data services below the hypervisor into a single compact data center appliance. The HPE SimpliVity 380, based on the world’s best-selling server, is a compact, scalable building block that delivers server, storage, backup and DR in a 2U appliance.

Powerful, simple and efficient, the HPE SimpliVity 380 includes built-in backup and bandwidth-efficient replication to help ensure data integrity and availability. Get guaranteed data efficiency, data protection, and at least 90% capacity savings with technology that improves application performance and virtually eliminates unnecessary data processing.

Learn More:
- Hewlett Packard Enterprise

Source: Larry Saviskoff, IT Manager, CSV Midstream Solutions

Validated
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