**HPE SIMPLIVITY HYPERCONVERGED INFRASTRUCTURE CASE STUDY**

**Marley Pipe Systems**

**Introduction**

This case study of Marley Pipe Systems is based on a July 2016 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

"Previously we ran a Hybrid system consisting of Hyper-V, Xen, and VM. Now everything is consolidated onto one platform."

**Challenges**

The business challenges that led the profiled company to evaluate and ultimately select HPE SimpliVity Hyperconverged Infrastructure:

- Purchased HPE SimpliVity as a result of a capacity purchase / upgrade of existing infrastructure that led to an overall platform review.
- Prior to deploying HPE SimpliVity, they found the management of multiple solutions and vendors to be a burden.

**Use Case**

The key features and functionalities of HPE SimpliVity Hyperconverged Infrastructure that the surveyed company uses:

- Uses HPE SimpliVity in the following ways:
  - Data center consolidation / private cloud
  - Infrastructure modernization / technology refresh
  - Production applications
  - Data migration
- Runs the following types of applications on HPE SimpliVity:
  - Oracle
  - Microsoft Exchange
  - Microsoft SQL Server
  - E-Commerce
  - Active Directory

**Results**

The surveyed company achieved the following results with HPE SimpliVity Hyperconverged Infrastructure:

- Improved performance by greater than 75% with HPE SimpliVity.
- Realized a capacity savings of 200:1 to 300:1 with HPE SimpliVity.
- Deployed new workloads, including allocating compute and storage resources, and configuring data protection policies, in the following amount of time:
  - After HPE SimpliVity: 1 day – 1 week
  - Before HPE SimpliVity: 1 week - 1 month
- Realized value in 1 week after the deployment of HPE SimpliVity.
- Ranks the value of the following HPE SimpliVity features:
  - Global federated management: highly valuable
  - Hyperconverged appliance: highly valuable
  - VM-centric management via vCenter: highly valuable
  - Inline dedupe, compression: extremely valuable
  - Integrated data protection: extremely valuable

Source: Wouter Ros, IT Infrastructure & Operations, Marley Pipe Systems

Research by TechValidate