

Case Study: High Performance Alloys

Introduction

This case study of High Performance Alloys is based on a December 2014 survey of HC3 customers by TechValidate, a 3rd-party research service.



“Previously managing our virtual environment took up a good portion of time, managing and making sure the systems were up and running. Occasionally we need to restart a server due to various reasons, and the users would be impacted due to inability to migrate VM’s to different servers. Some of the servers hosted critical machines, that in the event of a restart, would bring a significant group of people to a halt.”

Challenges

- Solved the following operational challenges by deploying HC3:
 - Reduced time spent managing Infrastructure
 - Improved availability of critical workloads
 - Improved performance
- Purchased their HC3 system for the following reasons:
 - To support higher uptime SLAs for critical workloads
 - performance, reliability, price

Company Profile

Company:
High Performance Alloys

Company Size:
Small Business

Industry:
Metals & Mining

Use Case

- Purchased HC3 over the following vendors:
 - Hypervisor – Microsoft Hyper-V
 - HP Servers / SAN
 - EMC
 - NetApp
 - Nutanix
- Runs 10-24 Virtual Machines on HC3.
- 10-24% of their environment is virtualized.

About HC3

Scale Computing integrates storage, servers, and virtualization software into an all-in-one appliance based system that is scalable, self-healing and as easy to manage as a single server.

Results

- Rated the following HC3 capabilities in terms of how differentiated they from the competition:
 - Ease of use: very differentiated
 - Ease of implementation: differentiated
 - Reliability: very differentiated
 - Scalability: very differentiated
 - Single vendor support: very differentiated
- Sees the following as the biggest benefits of Scale Computing HC3:
 - Ease of use
 - High availability of Virtual Machines
 - Reliability
 - Scalability
- Decreased the time spent recovering from a hardware failure running a critical workload from 1-8 hours to less than 10 minutes (83-97% reduction in recovery time) with the high availability built into HC3.
- Reduced the time their IT staff spends managing infrastructure by > 75% after deploying HC3.

Source: Brandon van de Venter, Network Administrator, High Performance Alloys