

# Case Study: Hydradyne LLC

## Introduction

This case study of Hydradyne LLC is based on a September 2014 survey of HC3 customers by TechValidate, a 3rd-party research service.



“The HC3 system has allowed us to focus more on our business applications, rather than worrying about the next hardware refresh.”

## Challenges

- Solved the following operational challenges by deploying HC3:
  - Enabled virtualization without complexity
  - Reduced time spent managing Infrastructure
  - Improved availability of critical workloads
  - Improved scalability of Infrastructure
  - Improved disaster recovery
  - Solved single vendor support of Infrastructure
  - Reduced IT operating costs
- Purchased their HC3 system for the following reasons:
  - For Infrastructure Refresh (replacing aging hardware)
  - To support higher uptime SLAs for critical workloads
  - To support business growth expectations or new business initiatives
  - To meet increasing RPO and RTO SLAs
  - Introduce Virtualization

### Company Profile

Company:  
**Hydradyne LLC**

Company Size:  
**Medium Enterprise**

Industry:  
**Wholesale Distribution**

### 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.

## Use Case

- Purchased HC3 over the following vendors:
  - Hypervisor – VMware
  - Hypervisor – Microsoft Hyper-V
  - EMC
- Runs 25-49 Virtual Machines on HC3.
- 25-49% of their environment is virtualized.

## Results

- Rated the following HC3 capabilities in terms of how differentiated they from the competition:
  - Ease of use: very differentiated
  - Ease of implementation: very differentiated
  - Reliability: very differentiated
  - Scalability: extremely differentiated
  - Single vendor support: very differentiated
- Sees the following as the biggest benefits of Scale Computing HC3:
  - Ease of use
  - Ease and speed of implementation
  - High availability of Virtual Machines
  - Reliability
  - Scalability
  - Single vendor support
- Decreased the time spent recovering from a hardware failure running a critical workload from over 1 week to less than 10 minutes (99.9% reduction in recovery time) with the high availability built into HC3.
- Reduced the time their IT staff spends managing infrastructure by 25-49% after deploying HC3.

Source: Paul Miller, System Administrator, Hydradyne LLC