

Company Overview

Derive Technologies™ client is a publishing firm supporting financial companies that provides, *“excellent, effective and accountable communications counsel and support to corporations.”* The firm is a private partnership that works with companies and their advisors to reach, *“business and strategic objectives with financial communications, corporate public relations, investor relations, and transaction and crisis communications.”*

Challenges

- The Client wanted to find a solution to effectively upgrade their technology infrastructure, consolidating servers, maximizing data center space, and deploying a DR solution.

Solution Snapshot

- The Client approached to Derive to provide a virtualization solution to achieve many of the goals described. The Client wanted to “adopt virtualization to drive capital and operational efficiency and achieve Business Continuity above and beyond the fundamental benefit of virtualization.”
- Their principal goal for adopting virtualization was to consolidate servers and conserve space in their NYC data center. With this consolidation effort, the Client hoped to drive down the cost of operation of the data center, to maximize its efficiencies and real estate usage and to better adhere to new environmental standards. In addition, they sought to implement a business continuity solution and deploy shared storage and optimize CPU utilization to support a highly available overall infrastructure.
- To facilitate these goals, the Client collaborated with Derive to deploy virtual infrastructure solutions from industry leaders, VMware for servers, Citrix for desktops and Double-Take Software (the company is now Vision Solutions) for Application High Availability & Business Continuity.
- In support of the implementation, Derive installed VMware optimized for HP Blade Servers connected via iSCSI to an HP Storage Area Network (SAN) environment in a custom configured a virtualized solution in HQ and DR sites.

Major Benefit

- This project enabled the Client to achieve highly available client server applications in a production environment and in a disaster tolerant environment hosted in an external facility. The solution included products integrated and configured by Derive to ensure maximum availability.

Key Benefits

- A Virtualized production and disaster tolerant solution enabled the Client to achieve robust, highly available systems while minimizing capital expenditures.
- Derive’s custom-tailored design and deployment, using best practices, will ensure that the Client’s ongoing virtualization initiatives will be successful.
- Disaster recovery site virtualized
- Rapid virtualization rollout
- Cost savings on infrastructure
- Best practices implemented for future virtualization initiatives

Resulting Technology

- HP Blades and SAN
- VMware Virtualization
- Double-Take (now Vision Solutions) software for application HA
- Effective repurposing of older servers at the DR site