



OPTIO
a data strategy company



INDUSTRIAL
MANUFACTURING



Desired outcomes:

- Replace outdated Hitachi storage system
- Reduce admin time
- Improve performance issues
- Upgrade capacity
- System integration

Case Study: Manufacturing

Optio Data was able to meet the customer's goals with a solution that improved performance, capacity, availability, and manageability.

Technologies used in the solution

- HP 3PAR StoreServ
- VMware Site Recovery Manager (SRM)

Problem and Action Taken

A large steel manufacturing company restructured into two separate entities, leading one of the new organizations to look for a better storage platform. At first, they planned to continue using the existing Hitachi storage system, which was still being shared between the two companies. However, infrastructure requirements had doubled due to the split, and although space was available in the existing storage system, compute strength was lacking. The companies began to experience performance issues, incurring timeouts averaging 77 milliseconds. Integration capabilities were also inadequate with the Hitachi system. Furthermore, it was difficult and complex to manage.

In order to address the customer's business requirements, Optio Data recommended using two HPE 3PAR 4-node 7400c's for storage and VMware Site Recovery Manager (SRM) to fulfill uptime objectives. 3PAR StoreServ eliminates boundaries and delivers the right solution when performance and scale matter on a user-friendly interface. By integrating VMware SRM with the 3PAR, datacenter failover capabilities ensure fast and reliable recovery.

Customer Result

The steel manufacturing company realized a 12-fold gain in performance; latency test results dropped to sub-milliseconds. They also experienced a substantial increase in storage capacity; moving from 200TB to 1600TB. The new solution was simple and straightforward to manage, and it integrated easily with their other systems. Optio Data was able to deliver improvements in performance, capacity, availability, and manageability, while reducing the datacenter footprint, leading to lower power and cooling costs.