



A Datacenter deployment of VMware / Server / Storage for a Leading Research-Based Manufacturing Company by Redington

Introduction

How Redington/DELL implemented Rack servers / Unified Storage (PowerStore) at the customer place with VMware installation

About Client

Customer is a research-based manufacturing company - that fills technology gaps in India by developing and manufacturing complex products and solutions demanded in India today

Business Challenges

The customer wanted to have a separate new setup to handle Battery analysis for BFSI, Defence, and manufacturing sector

Rack servers with PowerStore storage with leading virtualization technology VMware was provided

They wanted a Unified kind of Storage solution for their data (Block+File) with industry-best data reduction and an inbuilt software package with CloudIQ kind of health check software.

Benefits to the customer

- VMware deployment
- Servers Rack successfully rack stacked and deployed
- Unified storage solution to store their Battery making and analysis data
- Dedicated Software with Native Asynchronous Block & File Replication
- Good throughput with 4:1 data reduction
- CloudIQ: Cloud-based storage analytics
- Unified Protocols: • File • Block • VVols
- The deployment is done by the Redington Team

Redington's Implementation Service

- Box opening and BOQ verification
- Rack stack for servers and storage
- Power and network cabling
- Powering on the PowerStore storage appliance
- Integration with VMware and Physical server workloads
- Snapshot creation for workloads
- Complete console-based configuration and integration

Result

- Implementation completed successfully
- The customer objective was met with good performance and with a good amount of data reduction (4:1)
- A complete product training and analysis was provided to the customer

Conclusion

- They are successfully able to battery analysis data for multiple customers