



*The sensible side of luxury*

# CASE STUDY

## SERVER AND STORAGE CONSOLIDATION

Marvel streamlined its real estate and construction operations on SAP ERP software originally running on application-specific physical servers catering to multiple modules of the SAP application. In an effort to consolidate its server infrastructure and simplify management, the company implemented the VMware® vSphere® virtualization platform when it adopted further SAP solutions such as CRM and BI with ERP solution.

### Marvel India Pvt. Ltd

Marvel is 11 years old and 24 million sq. ft. of luxury residential constructions has made Marvel Realtors one of Pune's most widely recognized names in real estate. Now synonymous with ultimate luxury, quality and technology, Marvel's greatest challenge is to consistently surpass its own benchmarks. The Marvel team ensures in-house construction, stringent quality control, superior finishes, routine checks on cost and time over-runs and detailed and transparent project scheduling and estimations.



### CONCEPT INFORMATION TECHNOLOGIES (I) PVT. LTD.

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## Challenge

Exponential data growth and siloed storage resulted in data management issues and reduced SAP system performance.

Existing backup and recovery process was inefficient, time consuming, and adversely impacted user productivity

Existing storage could not meet performance, scalability, and availability demands from dynamic business growth

## Proposed Solution:

Concept Technical Consultants Designed, supplied and implemented the solution of Virtualized Environment using VMware. We have done server consolidation and used HP servers DL 380 G7 to create virtual environment for SAP platform. VMware vSphere essential kit version 5.5 has been installed along with the centralized storage EMC VNX 5300. EMC VNX unified storage to deliver state-of-the-art features such as 6- GB/s SAS back-end, 8-GB/s FC connectivity, and thin provisioning, EMC VNXe 3150 as NAS storage.

## Result:

Marvel Realtors has achieved significant improvements in system performance, efficiency, and scalability since moving to the EMC platform. "By eliminating multiple physical servers using VMware and moving to a centralized environment, we have dramatically improved SAP performance, increased management efficiency, and reduced the time required for backups," says Sumit. The consolidation of discrete storage of design data and other important documents on EMC VNXe unified storage has enabled the company to store the business-critical documents in a systematic, secure, and efficient manner.

Reduced backup time significantly for servers and user machines. Reduced storage requirements and network traffic via 90 percent data duplication rate. Provided significant improvement in ROI.

Sumit Gavali, Head of IT at Marvel Realtors, says –

*"We turned to VNX unified storage because of its scalability, high performance, and high levels of reliability. The entire deployment was a great experience and support from CONCEPT has been excellent".*

## Solutions

- Virtualized Environment using VMware
- EMC VNX
- EMC VNXe unified storage



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