

# Data Centre Consolidation & Virtualization

## Highlights

- *96 percent virtualization achieved*
- *20:1 consolidation ratio done*
- *99.99% IT infra uptime achieved*
- *Helped customer substantially lower down its RTO and RPO targets.*
- *Benefited customer by the means of Cost Savings, Energy savings, Time savings, Improved responsiveness, Improved business continuity and High application availability*

## The Client:

One of the world's leading intellectual property (IP) management and an international provider of outsourced legal services. The company provides high quality and cost-efficient legal support services through global delivery centers in Europe, the US and India. The company employs approximately 4000 people.

## Challenges:

To create a more stable and scalable IT infrastructure for delivery of applications.

## Suggested Solution:

VMware vSphere 5.5 provides a virtualization platform that increases scalability, availability, and manageability of IT infrastructure.

### VMWare at Work

VMware vSphere 5.5, featuring:

- ESX Server
- vCenter
- vCloud Suite
- Virtual SAN
- vCenter Site Recovery Manager
- Fault Tolerance
- Horizon View
- vCloud Director
- VMotion
- Distributed Resource Scheduler (DRS)
- High Availability (HA)

### Deployment environment

- Dell servers
- Guest operating systems: Windows, Linux
- Virtualized Production Applications: Oracle, Lotus Notes, Intellevate, Kofax, Microsoft Office, SAP, and more.

## Contact Us

### India:

316, Udyog Vihar,  
Phase-II,  
Gurgaon- 126016

### USA:

39159 Paseo Padre  
Pkwy  
Suite 303, Fremont,  
CA 94538

### Email us:

[sales@dcminfotech.com](mailto:sales@dcminfotech.com)

### Visit us:

[www.dcminfotech.com](http://www.dcminfotech.com)

## **Disclaimer:**

© DCM Infotech Limited.

*This document contains information proprietary to DCM Infotech Limited. The contents of this document are strictly confidential and cannot be divulged, copied or transmitted in any form and is supposed to be used only for the purpose intended in this document. All registered trademarks, copy rights and logos belong to their respective companies / organizations and are hereby acknowledged.*

**Version - 2019/C09/1.0**

## The Benefits:

- **96 percent virtualization:** "We've virtualized over 96 percent of the IT infrastructure including the SAP financial systems. At the time of writing this case study we were working on virtualizing all remaining servers.
- **20:1 consolidation ratio:** If we had not deployed vSphere, the client would have had to expand the datacenter to manage growth.
- **Cost Savings:** With VMware vSphere, the cost savings have been tremendous.
- **Energy savings:** We have reduced datacenter carbon emissions by 150 tons. We hope to continue helping the environment as our VMware environment matures.
- **Time savings:** With vSphere, we can set up a server in less than an hour. Even when we need to configure a new host, we can do so quickly and accurately by using host profiles
- **Improve responsiveness:** Virtualization lets your business scale rapidly because you can deploy desktops, applications and servers quickly and flexibly.
- **Improve business continuity:** Virtualization makes it easier to survive unplanned potential IT disasters. You can move VMs from one server to another in a different location.
- **Deliver high application availability:** Integrated availability and fault tolerance protects all your virtualized applications. Should a node or server ever fail, all its VMs are automatically restarted or continued on another machine, with no downtime or data loss. We had a situation where one of the servers failed. Before we realized, VMware HA had recovered the VMs and restarted them on another server, all within a minute.