

Leading healthcare multinational

Customer Profile

Industry: Medical Transcription

One of the leaders in the healthcare services industry earned the trust of more than 700 health systems, hospitals, clinics, and physician practices who utilize medical transcription, billing, and coding services. This attracted award-winning recognition from some of the most influential publications and ratings institutions in the world. This client has presence in India, United Kingdom, Canada, South America, and Central America. India headquarters is located in Mumbai.

Key Highlights

Business Situation

Our client had existing server sprawl at each branch location as well as requirements at new locations. Alternative solution was required which could enable their systems to reduce the server sprawl, achieve power and rack space savings as well as improve manageability and fulfill ever growing business demands.

Benefits

- Achieved 10:1 server consolidation ratio
- Provisioned new server in minutes rather than 6 to 8 weeks
- Increased availability of rack space using IBM Blade Centre S with 7 U form factor
- Achieved benefits of enterprise class Storage using Blade Centre S without investing in costly SAN Fabric
- Cut procurement costs by 60 %
- Savings on datacenter power consumption and cooling
- Improved manageability of the datacenter using VMware Virtual Centre
- Improved CPU utilization
- Improved availability of applications

Solution

With help from Wysetek Systems Technologists Pvt. Ltd, the client used IBM Blade Centre S and VMware Virtual Infrastructure to fulfill server requirements at their branch offices spread across different locations in India.

IBM Blade Centre S provides a unique design with storage and server in single 7 U Chassis which has enabled the client to eliminate the need of separate external storage.

VMware at Work

VMware Infrastructure Standard with ESX 3.5

VMware vCentre foundation edition

VMware Consolidated Backup (VCB)

VMware High Availability (HA)

IBM at Work

IBM Blade Centre S with integrated SAS storage

IBM HS 21 Blade Servers

Deployment Environment

- ESX 3.5 on two IBM HS 21 XM Blade Servers with two Quad core Intel Xeon processors running at 2.66 GHz and 16 GB RAM which resides in IBM Blade Centre S Chassis.
- Linux based enterprise Email Server and Database server on two IBM HS 21 Blades with two Quad Core Intel Xeon 2.66 GHz processor and 8 GB RAM.
- SAS storage of raw capacity 5.4 TB integrated in IBM Blade Centre S Chassis which has a unique design to eliminate the need of separate external storage.
- Guest Operating System: - Windows 2003 server (x32 / x64), Linux Free BSD, CentOS
- Virtualized Production Applications: - Microsoft Active Directory, Medical Transcription related applications, Enterprise File Server.