



Infrastructure Optimization

CASE STUDY

Client

The client is a midsize pharmaceutical firm headquartered in Japan with major presence in China, UK and the US. The US entity operates as a separate entity though there are common processes and procedures they share with Japan. The US entity made an acquisition a couple of years ago which resulted in two data centers, duplicate resources and applications.

Problem Statement

The client wanted a strategy to consolidate the two data centers and move to a hybrid co-lo environment, reduce operational costs, improve High Availability and Disaster Recovery in the environment, and enable migration to newer technologies in future.

Challenge

- ➔ Availability of subject matter experts to discuss the situation and current state
- ➔ Identifying actions requiring fixes and investments to be made
- ➔ Defining long term strategy and identifying opportunities with the most immediate business impact

Our Solution Strategy

- ➔ Conduct a discovery around the current environment that includes servers, applications, storage, monitoring, governance and SDLC practices, charge back and funding model, etc.
- ➔ Identify gaps and provide recommendations and actions
- ➔ Develop an architectural approach to meet goals outlined via prioritized recommendations
- ➔ Provide a roadmap and cost estimates to realize architecture

Technology

Some of the key technologies in the environment include VMware, HP 3PAR storage, two MPLS links between the two data centers (CenturyLink & Level3), CISCO UCS, CISCO routers, switches, phone servers and firewalls. The core application was JD Edwards along with a number of other applications. Monitoring was implemented using VMware SRM and Microsoft SCOM.

Consulting Value Add

- ➔ Provided an overall set of discovery analysis, architectural recommendations, a strategic roadmap and costs
- ➔ Identified opportunities for costs savings in excess of 500K
- ➔ Identified industry best practices, Gartner studies on appropriate IT spending ratios, and possible vendors to be considered for some services
- ➔ Negotiated architectural approaches and services with Verizon, WindStream and Century Link on MPLS consolidation and enabling DR
- ➔ Identified and negotiated with Help Desk service providers who met Shionogi price and service constraints

Business Impact

- ➔ Enhanced user experience with 200K in annual cost savings by moving Help Desk to a newer vendor
- ➔ Saved 220K in annual costs by consolidating MPLS services with reduced points of failure
- ➔ Enhanced Architecture for Business Continuity Planning, HA and DR plan
- ➔ Highly experienced Database resource to help complete critical coding tasks to clean up legacy code with scattered business logic within stored procedures and triggers
- ➔ Several areas of additional cost saving opportunities

FOR MORE INFORMATION

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