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SITUATION & SOLUTION

This client is a full service financial institution with a complete line of deposit and loan products.

They has been serving the banking needs of the residents through their 5 branch location. Total assets are between \$250 - \$300 million.

The client was in a purchase cycle for new servers and the server count has been growing. Additionally they have several applications and OS's that may be changing. Maintaining the infrastructure was becoming more complex and time consuming. The application servers cannot be down during business hours (M-F 8am-6pm and Sat. 8:00am to 1:00pm).

- VMware ESX
- Hitachi Data Systems - AMS storage array
- Qlogic fabric switches and HBA's
- DSN Professional Services
- 20 HP servers
- Novell & Win 200x

ENVIRONMENT SNAPSHOT

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SOLUTION OVERVIEW

Initially 7 servers were identified as candidates to be virtualized. We designed the infrastructure with VMware for virtualization, 3 new HP DL 380 servers, Hitachi Data Systems for shared storage (SAN) and redundant Qlogic switches for the fibre channel fabric.

The DSN engineering team worked with the client to design, setup and install the solution.

The core infrastructure has led to increased application availability, easier maintenance of servers, over 20 virtualized servers, a 60% increased use of server resources and a 50% decrease in the server maintenance spend.