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SITUATION & SOLUTION

This client is a full service financial institution with a line of personal and commercial products. Total assets are between \$200 - \$300 million.

The client is starting a new line of business and opening up their first remote branch office. With the opening of a new location, they would like to improve security, business continuity and disaster recovery for their IT and computer systems. Additionally they run a lean operation and need to be able to manage and administer the new changes to their environment with existing staff.

The banks' current server environment is due for refresh. Additionally, the bank would like to centralize all the applications so they don't need additional staff and more complex security for the addition of the new branch. The current network infrastructure is a fairly flat network.

- Citrix XenApp & XenServer
- Hitachi Data Systems - storage array
- Dell PowerEdge servers
- APC UPS & rack
- Cisco core network
- DSN Professional Services

ENVIRONMENT SNAPSHOT

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SOLUTION OVERVIEW

The solution we provided was delivered in phases. The elements that we addressed were security plan, network, hardware and applications. The initial piece was to maintain and improve security for this client. This included segmenting network traffic, adding additional perimeter security devices (firewalls) and updating/upgrading some of their network infrastructure which included Cisco core and edge switches.

The next element was to upgrade the hardware to support additional users, branch and applications - APC server rack & UPS, Dell servers, and a Hitachi Data Systems iSCSI SAN.

Next we proceeded to build the virtualization platform (Citrix XenServer), Citrix XenApp for serving up all the centralized applications for the new branch.

With the infrastructure build complete, the final step was to virtualize servers and migrate data to the new SAN.