

## Case Study: Branch Application Access and Availability

### Industry: Financial Services

#### The Challenge:

- The client is one of the world's largest online brokerage firms, processing millions of client trades each month.
- This online broker/dealer was contemplating upgrading the branch computing infrastructure to accommodate ever-increasing demands of the branch offices. Since the branches were scattered all over the United States, supporting this ever changing infrastructure was expensive and inefficient.
- Software distribution was expensive, data protection was expensive and risky, and effective, skilled, centralized management of the branch IT infrastructure was virtually impossible.
- Furthermore, communication links to the branches needed to be upgraded to meet increasing application demands to communicate with headquarters.

#### Derive Solution:

- After working on a prior branch upgrade project for the client, Derive saw an opportunity to change the paradigm and introduce a new, more cost-effective way of managing the overall branch IT infrastructure.
- To address these challenges, Derive recommended that the firm pilot Citrix® MetaFrame® Presentation Server for Windows® to provide secure access to applications from these branches to the main data center for all of the required applications.
- The bank uses a centrally managed MetaFrame Presentation Server farm to deploy application upgrades within minutes.

#### Benefits:

- Derive's deployment of Citrix software has helped to save the firm thousands of dollars in support costs each day as branch support can now be centralized.
- Additionally, using the web interface component of Citrix MetaFrame Presentation Server, users have the ability to access critical business applications via any standard Web

#### Solution Details

##### Business Needs/Key Benefits

- Effective branch application access and management.
- Ability to provide utility-like access to applications and Access to Applications for roaming users
- Rapid Application deployment
- High Availability access to Applications

##### Resulting Technology

- Multiple Citrix XPE Server Farms based on HP Proliants DL 380's distributed across two sites in the Northeastern USA
- Clustered MS SQL 2000 to hold resilient Data Store.
- Secure Access provided via two form factor authentication (via RSA – Secure ID)
- High Availability IIS servers



WE MAKE  
IT HAPPEN.

browser.