

## BROADBAND COMPANY HIRES SIX DEGREES FOR MAJOR SPACE EXPLORATION

**Client Profile:** Company C is a large national ISP that builds secure multi-location networks for businesses and carriers nationwide. The onset of a new fiscal year brought with it ten mission-critical projects and a limited IT budget.

**Business Challenge:** The allocation of resources and budget to finish all ten assignments represented a huge juggling act. Company C's production database servers were aging, storage resources were stretched to the limit, backup times had reached unacceptable levels, and yet the applications supported by these resources were becoming increasingly critical to business operations.

**Solution:** Six Degrees reviewed all ten projects and determined that the lynchpin to the successful completion of each was a new storage solution. Six Degrees identified the need for centralized storage, a tape backup upgrade, a Fibre Channel SAN to support clustering of Oracle databases, and an upgrade of aging file servers.

Six Degrees consultants solved the centralized storage problem through the installation of a Network Appliance FAS270c storage solution. Network Attached Storage eliminated the need upgrade the aging file servers.

In addition, Six Degrees proposed a clustered Oracle solution utilizing NFS instead of Fibre Channel. This saved the cost of deploying a Fibre Channel SAN and the expense of Volume Management software which is required for Fibre Channel connectivity.

Six Degrees showed how FAS270c snapshot technology could be used to eliminate the need for daily incremental backups to tape and proposed a Network Appliance Near Store R200 to store backup data from remote locations on-line. This meant that backup data only needed to be sent to tape for DR purposes, thereby reducing the number of tape drives required by 60%.