Nevada Title Company

"If somebody calls me right now and says, 'Hey, I've deleted a file off the file server,' I can simply remote into the other one and pull it off. In five minutes, tops, I'm done."

— Michael Steadman, IT Manager

Business Profile

Company Name:
Nevada Title Company

Headquarters:
Las Vegas, Nevada, USA

Industry:
Real Estate Services

Business Environment:
- Founded in 1979
- More than 200 employees
- Five locations in Nevada
- Affiliate agencies in Reno, Arizona, California, Colorado and Florida

Implementation Team:
Nevada Title

Critical Issue

Nevada Title's business depends on knowledge and information. Information about real estate transactions, information about escrow accounts, information about financing and refinancing, and information about foreclosures are all part of the mix. If that information is unavailable, the company's ability to do business is curtailed. Thus, Nevada Title has a critical need to protect its data from any possibility of loss.

Results

- Protects all data
- Makes recovery fast and easy
- Uses minimal bandwidth
- Simple to install, use and manage

Technologies

Software:
- Double-Take Availability
- Windows Server 2003 and 2008
- Pervasive Software
- Microsoft Exchange
- SQL Server

Hardware:
- Dell PowerEdge R610 (physical server)
- Dell PowerEdge R710 (running virtual servers)

Business Challenge

When organizations consider the need to protect their data, disasters are often at the top of their minds. A good disaster recovery plan is in the best interest of every organization, but disasters aren't the only data threats that Nevada Title is concerned about. Data corruption and accidental deletions of files are much more common occurrences than disasters. Nevada Title regularly backed up data to tape, but recovery from tape can take a long time and require considerable effort. Furthermore, tape has a much higher failure rate than disk. Nevada Title needed a faster, less time-consuming and more reliable way to restore lost data. Due to the nature of Nevada Title's business, it manages a large volume of data. Its Pervasive database contains roughly one terabyte. Its Microsoft Exchange server holds about another terabyte. Its file server manages roughly 1.5 terabytes. And its SQL Server database contains about 500 gigabytes.

With a total of about four terabytes of data to protect, any backup and recovery solution that Nevada Title chose had to offer very high performance and consume minimal bandwidth relative to the volume of data being protected.

VISION®
SOLUTIONS

Double-Take® AVAILABILITY™

Nevada Title Company

Solution

For about two years now, recovering lost data has been a snap for Nevada Title thanks to Double-Take Availability for Windows.

Double-Take Availability backs up servers in real-time by providing continuous data replication over any distance. Because the software replicates only the bytes that have changed, not full files, it operates very efficiently and minimizes bandwidth utilization.

Nevada Title placed its backup system in a colocation data center on the other side of town from the primary data center. Thus, if the primary data center should be shut down for any reason, all of the company's data will still be available on the replica server.

While it hasn't experienced any disasters that caused a loss of the primary data center, Nevada Title has still gained considerable value from the solution by using it to recover files that were accidentally deleted. To restore data, someone in the IT department simply copies the required file from the backup server to the production server.

"If somebody calls me right now and says, 'Hey, I've deleted a file off the file server,' I can simply remote into the other one and pull it off," said Michael Steadman, IT Manager. "In five minutes, tops, I'm done. Compare that to having to go to the backup tape from the night before or recover a whole drive. When you tell users it's going to take a little while, but then you call them back in two minutes to say it's done, they're ecstatic."

Installation of Double-Take Availability was simple. Steadman wasn't at Nevada Title when it was first installed, but he has since installed Double-Take Availability on two addition servers and he confirms how easy it was. "Double-click on the .exe file, click 'Next, Next, Next' and your done," he explained. "The defaults were perfect for our environment so I was able to breeze through those. Once it was installed on both sides I created the replication set and just let it do its thing."

According to Steadman, the greatest benefits of Double-Take Availability are that it's very easy to setup, it uses minimal bandwidth because it replicates only changed bytes rather than whole files, the user interface is easy to understand, and it makes it simple to recover data quickly.

VISION® SOLUTIONS

15300 Barranca Parkway, Irvine, CA 92618
1-800-957-4511 • 1-801-799-0300
visionsolutions.com

Double-Take® AVAILABILITY™

↯ Cloud Protection & Recovery   ↯ High Availability & Disaster Recovery   ↯ Migration & Cross-Platform Data Sharing ↯