



Revinetix DISK2DISK2DISK[®] backup appliance helps Del Mar College overcome tape backup woes



BACKGROUND

Del Mar College operates 40 computer servers running on Windows 2000/2003, Linux, UNIX, and Mac operating systems at its campus in Corpus Christi, Texas. These devices support an estimated 300-400 different software applications used by its 11,000 students and faculty for print and file serving, video streaming, web hosting, and many specialized tasks. Prior to selecting Revinetix' backup appliance, the College relied on a traditional tape cartridge library system, which proved unreliable, cumbersome, and expensive.

BACKUP CHALLENGES

The conversion to Revinetix' disk-based backup appliance came as Del Mar College sought an end to the hassles and high maintenance costs of tape backup.

“Tape backup cost us a great deal in downtime, worry, and licensing,” said Vince Villarreal, Network Support Specialist for Del Mar College. “Tapes would sometimes get stuck. The backup software was very cumbersome, and it didn't always work. I always had licensing issues, and when we started to grow, it just couldn't keep up. Our 30-slot tape library even had to be sent back twice to the manufacturer to be fixed. It never worked right. It was just a big pain.”

“I have nothing but praise for this product. It does everything we need it to do and more. I wish I had found it sooner.”

Vince Villarreal
Network Support Specialist, Del Mar College

THE SOLUTION

After evaluating its backup storage options and seeing a Revinetix product demo, Del Mar College selected the 3U rack mount Revinetix Sentio 3400 disk backup appliance. This model provides up to 4TB of raw data capacity and client-side compression to increase capacity to up to 8TB.

“The Revinetix D2D2D® solution is a great product,” Villarreal continued. “It does everything we need it to do and more. I have nothing but praise for this product. I wish I had found it sooner.”

I like how all of the client software is included. My backup window has dropped from 12-13 hours to next to nothing. I can do a complete bare metal restore on a Linux box in less than 20 minutes, which I wasn't able to do prior. And now we're running on SATA drives, so we can grow our backup, dump everything to an archive disk and just buy another standard SATA drive as needed."

SENTIO 3400

- 3U rackmount
- 4TB raw data
- Client side compression up to 8TB
- Hot swappable SATA drives



Central to the College's decision to purchase the Revinetix appliance was the product's attractive site licensing, ease of use and support for multiple operating systems, including Linux. The Sentio is now used to back-up not only the College's servers, but also its critical workstations used by administrative employees, the College Vice President and President.

FEATURES

The Sentio 3400 features RevOS® advanced backup software with hot swappable SATA drive technology and supports scheduled automated backups to the desktop level for every machine connected to a network. The appliance includes high performance dual processors, RAID 5 redundancy, Gigabit Ethernet controllers, and dual redundant load sharing power supplies together with all the necessary client software required that is required.

Del Mar College's IT staff particularly appreciated Revinetix' Bare Metal Restore (BMR) software included with each Sentio. This powerful software tool allows the IT department to save a disk image onto the backup appliance and quickly restore that image when necessary.

"The first thing we tested was Bare Metal Restore on some Linux boxes. We can do it in 20 minutes now. Our downtime window dropped from 2-3 hours to 20 minutes."

Revinetix offers a Total Disk Backup solution, delivering the advantages of disk and disk-based offsite storage, with central administration, deduplication and replication.

ADVANCED TECHNOLOGY

Revinetix uses the latest, highest quality components available from leading disk manufacturers to ensure consistent, dependable performance. These cutting-edge quality components, combined with the intelligent software developed by Revinetix, represent the most advanced technology available in today's backup and recovery market.

POWERFUL PERFORMANCE

The unique Revinetix system of disk communication allows the device to read and write different files at the same time – an impossible task to accomplish using serial tape technology. This expanded data handling capability dramatically reduces the amount of time required for data backup and recovery.

UNPARALLELED FLEXIBILITY

Revinetix supports hot swappable drive technology that enables customers to grow their capacity without the need to upgrade to new, expensive equipment. This technology allows users to store

data off-line and off-site on easily removable archive disk drives, totally eliminating the need to transfer data to serial magnetic tape and providing rapid data access and restore when required.

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ABOUT REVINETIX, INC.

Revinetix, the Leader in Data Life Management, provides innovative data protection solutions that ensure continuity of business, control of critical information and confidence in recovery systems. Revinetix offers the first total disk backup and recovery solution that allows automated backup schedules for every user on the network and allows critical data to be stored safely off-site from a single appliance. For more information, customers are encouraged to contact Revinetix at 866-639-5515 or sales@revinetix.com to locate a reseller in their local area.

