



Kentucky Housing Corporation

“Using our tape backup appliance took nearly 50 hours to complete a full backup. Now using the Revinetix solution we have shrunk that backup window to less than 8 hours!”

John Curtis
IT Manager
Kentucky Housing Corporation

Case Study

Revinetix® Total Disk Backup Relieves Bottleneck in Backup Window and Solves Reliability Issues

Background

Kentucky Housing Corporation’s (KHC) mission is to provide safe, decent, affordable housing opportunities for very low, low and moderate-income Kentucky state residents. Recognizing that housing is a basic human need, KHC is committed to pursue all partnerships and resources necessary to promote, develop and provide affordable housing, thereby improving the quality of life for all Kentuckians.

KHC has provided loans to over 55,000 Kentucky homeowners and maintains assets of well over \$1 Billion.

Backup Challenges

Kentucky Housing Corporation was running into two critical problems with their existing data backup solution - the time needed to complete a full backup and unreliable backups.

Backups were running well over 50 hours, running into business hours, and disrupting the day-to-day data processing operations. Moreover, if problems were encountered during the backup, it was difficult to find another window to re-run the operation.

More troubling was the failure to restore data when needed. Many times, IT personnel would attempt to restore a file from backups, but would be unable to do so. Despite the fact that the IT department had performed what was assumed to be a successful backup, it was unable to recover the critical data from the tape volume.

The Solution

After looking at several backup options, Kentucky Housing Corporation chose the Sentio 4000 disk backup appliance from Revinetix. KHC chose the Revinetix solution based on its D2D2D® total disk approach to backup and archiving. The Sentio 4000 provides up to 4TB (raw) of data capacity. The appliance also comes with dual processors, RAID hardware, and dual redundant load sharing power supplies. In addition, the appliance comes with all the necessary client software that is required, including Exchange and SQL agents, thus eliminating the costly expense of



Revinetix offers the first true Total Disk Backup solution, delivering the advantages of disk and disk based offsite storage.

providing backup to a large number of different machines.

“The Revinetix disk backup appliance helped us solve our major backup and restore problems,” said John Curtis, IT Manager for Kentucky Housing. “We are now able to create a full backup of our data from 15 servers in less than 8 hours. Additionally, backing up to disk instead of tape has solved our reliability issues.”

KHC staff also takes advantage of the Disk Archive features of the Sentio, allowing KHC to take their crucial data offsite on SATA disks to the company’s Disaster Recovery center. “One of the big reasons we choose the Revinetix was the ability to take our critical data offsite on disk rather than tape,” Curtis continued.

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 RevOS® backup software developed by Revinetix, represent the most advanced technology available in today’s backup and recovery market. Features included in RevOS are central administration, data deduplication, and byte-level remote replication.

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.

High Availability and Reliability

Redundant power supplies and fans, as well as hot swappable drives, provide continuous operation, high availability and reliability without the need for periodic maintenance.



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Savings

KHC's automated backups have resulted in cost and time savings, side stepping the historical disruption that the backup procedure produced for daily operations. "Being able to completely automate our backup and simultaneously backup all of our servers has helped not interfere with daily business," Curtis continued. "More importantly, when we need to recover a file, the process is far more reliable and faster, keeping our data secure is invaluable to us."

About Kentucky Housing Corporation

Kentucky Housing Corporation, created by the 1972 General Assembly of the State of Kentucky, is a self-supporting, public corporation of the Commonwealth of Kentucky. A portion of KHC funds are derived from the interest earned through the sale of tax-exempt mortgage revenue bonds. From these proceeds, KHC has made homeownership possible for over 55,000 low- and moderate-income Kentucky families. KHC also operates through the receipt of fees for administering federal programs including rental assistance that makes safe, decent, affordable housing available to more than 27,000 low-income Kentuckians. Other programs additionally offered by KHC include rental housing production financing, homeownership education/counseling and a variety of rental assistance, housing rehabilitation and home repair initiatives.

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 888-264-5116 or sales@revinetix.com to locate a reseller in their local area.

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