

## Bonneville Joint School District protects student data with Revinetix Disk2Disk2Disk<sup>®</sup> solution

### CASE STUDY

#### INTRODUCTION

Advanced technologies are at the heart of managing and monitoring student academic progress and realizing *Bonneville Joint School District No. 93's* vision statement of "*Achieving Each Individual's Higher Potential.*" So, when it comes to protecting student records, test scores, and other system data that helps Bonneville run one of the largest K-12 school populations in Idaho, losing data is not an option. This type of data is extremely important to a school district as anyone can imagine, and it would be very difficult to reproduce if ever lost.



Location: Bingham, Bonneville Counties, Idaho

URL: [www.d93.k12.id.us](http://www.d93.k12.id.us)

Industry: K-12 Education

Product: SENTIO

## BACKUP CHALLENGES

Prior to installing a Revinetix data protection solution, Bonneville Joint School District No. 93 used a network attached storage (NAS) device to back up files weekly from its more than 50 servers. Archiving was a challenge, as is required a lot of manual intervention and was slow, taking on average an entire weekend to complete. Because of space limitations, data was stored offsite in NAS devices at the various schools.

“Every Friday night I would manually initiate the batch file back-up and sometimes would even check on it several times during the weekend just for peace of mind,” said Lane Virgin, System Administrator at Bonneville Joint School District.

An added challenge to the extensive amount of time required to complete the weekly backup was the difficulty of finding data when recovery was necessary. “Whenever we needed to recovery data, it was difficult to locate the data on the various NAS devices to reproduce the damaged or lost archive. And, if a directory structure required restoration, everything—including permissions needed to be reset.”

To decrease backup time requirements and ease the process of archive restoration, Bonneville considered moving to a tape solution. However, a tape solution didn’t ease the cumbersome process of archive restoration and didn’t address the challenge of finding a suitable place to store all of the tapes.

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System Administrator  
Bonneville Joint School District

## THE SOLUTION – AFFORDABILITY AND

When evaluating options to replace its existing system, price and technical service capability were two key factors for determining the purchase.

Through Valcom, a value added reseller (VAR) located in Boise and Salt Lake City, Bonneville was introduced to Revinetix' Disk2Disk2Disk™ data protection methodology. Bonneville's purchase included Revinetix' Sentio™ and Volo™ appliances, fully integrated with its innovative data protection software (RevOS®) – all supported by reliable, in-house technical support.

“We look at price point, technical service and maintenance contracts with every purchase we make,” said Virgin. “Revinetix was more than competitive in price and offered tremendous

## A+ TECHNICAL SERVICE

technical support. The expertise of its service personnel is of great value to us for a long-term relationship. The exceptional service and support Revinetix has provided us almost stands out to me as much as their product. Their service has been top-notch. They address any questions I have immediately and return calls promptly.”

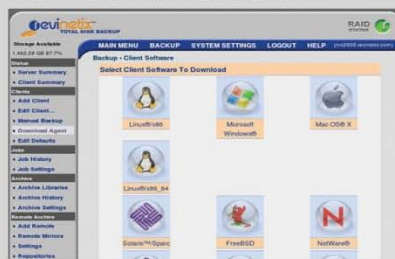
Revinetix' support team can act quickly with its remote technical service capability. Using a secure web interface, the support team “tunnels” into a customer's backup appliance and examines the logs, enabling them to diagnose and address problems. An added factor in the final decision to select Revinetix is their software platform supports Microsoft Exchange 2007.

## ADVANCED DATA PROTECTION SOFTWARE

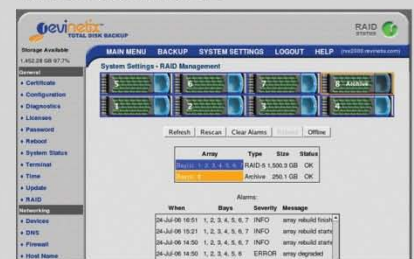
### ARCHIVE DISK REMOVAL



### SUPPORTED AGENTS



### RAID CONTROL



“We evaluated numerous companies, and very few price comparable disk solutions could offer the ability to work with Microsoft Exchange 2007. We found everything we were looking for in Revinetix,” added Virgin.

In addition to the lower cost of entry, Bonneville Joint School District anticipates it will continue to see cost savings as the price point of hard drives continue to decrease – an uncommon occurrence with backup tapes. The scalability of the Revinetix solution was also a key factor in their decision.

#### EASY INSTALLATION AND IMPROVED EFFICIENCY

“The installation process was as simple as opening the box, racking it, stacking it and plugging it in,” added Virgin. “We did run into a minor problem soon after setting it up, but were able to quickly diagnose the problem ourselves and we were back on track in no time.”

Now, instead of the weekly backups that require manual initiation, Bonneville Joint School District is backing up its data automatically. Eliminating the manual initiation and

“babysitting” of backup jobs has freed the District’s staff to focus on other activities, both during the workweek and on their weekends.

“I can administrate from home now if needed and I sleep a little better at night knowing that if something does happen to our system, I will be able to quickly and easily recover any data that is temporarily lost. I guess it’s one less thing to worry about and that is really nice,” said Virgin.

Automation has also helped with backup scheduling. Quarterly backups are performed on servers that are not used frequently, monthly backups for servers used periodically, and weekly backups for Exchange servers. Each schedule is built into a single, easy to set up interface. If necessary, Bonneville can run a bare-metal restore (BMR) within two hours.

#### SCALABILITY FOR THE FUTURE

Bonneville Joint School District No. 93 installed one Sentio 4000 (3TB capacity) and two Volos (400GB capacity, each) to meet its current data protection needs. For the future, Bonneville plans to purchase a third appliance for offsite data storage and added disaster recovery assurance.

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

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