

Paragon's Drive Backup Software Secures The Salvation Army

IT Problem

Data management at the Michigan Headquarters of the Salvation Army had become critically burdened with obsolete backup software that required hours and hours of manual work when deploying images to new servers with SATA controllers.

Solution

The organization acquired Paragon's Drive Backup 10 software for instant imaging and data protection. The data management and server rollout needs for the entire organization could now be quickly managed with a dramatic reduction in time and required resources.

Industry Facts

58% of small organizations and 64% of large organizations can withstand 4 hours or less of downtime before an interruption results in financial loss or has a significant operational impact

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The Salvation Army, a well known international non-profit organization with a divisional headquarters in Southfield, MI, provides shelter, food and clothing to those in need. Approximately 20% of those helped by The Salvation Army are US Military Veterans. The offices depend on their computer systems to allocate limited resources most effectively.

Jim Vizzaccaro, The Salvation Army's Infrastructure Manager has the challenging task of handling all of the data management needs for the Eastern Michigan Division from his location. Before acquiring Paragon's Drive Backup 10 software, he had to build a server farm from scratch because his existing solution lacked the ability to image a system and did not recognize the newer SATA and SATA RAID controllers.

Jim also tapped into the software's flexibility. "I had accidentally built an active directory domain controller on a single drive, but I really had wanted it to be a RAID 1 array

"Paragon's Drive Backup 10 Server Edition is like the crescent wrench in my IT Toolbox. It works with everything"

Jim Vizzaccaro, Infrastructure Manager
The Salvation Army

Key Product Differentiators:

- Bootable CD without running Windows
- Reliable imaging (P2P, P2V, V2P, V2V)
- Automated "set-and-forget" scheduling
- Restores images to dissimilar hardware
- Support of Virtual environments

for redundancy and fault tolerance. Rather than start from scratch and rebuild the whole machine, I used Drive Backup to take an image of the domain controller, and restored it back to itself, now I have it running on two drives instead of one."

"I also took advantage of Paragon's online image builder for a 3rd machine that had failed, and it worked very well. By utilizing WinPE—simply pushing F6 to load additional drivers, I was able to use Drive Backup on a different system that I had not done a custom build for."

Drive Backup 10 Server is a world class disaster recovery & system migration solution for both physical & virtual Windows® environments. Combining all of Paragon's latest patented technologies and expertise, the solution delivers increased efficiency, enhanced IT productivity and complete life cycle maintenance for Windows environments.



Feature	Description	Benefit	Drive Backup 10 Workstation	Drive Backup 10 SBS	Drive Backup 10 Server
Backup & Restore					
Sector Backup	Sector archives creation	Makes possible to store large amounts of data i.e. partitions and whole HDD in one archive. Inside a sector archive the user can secure his system, programs and data	✓	✓	✓
File Backup	File archives creation	The user can secure single files and folders in relatively small archives	✓	✓	✓
Differential Backup	The program is able to create small sector archives based on the master sector archive, with the newly created or changed data	Instead of creating a new full-sized sector archive each time when a piece of data has changed, the user can secure this data in a small differential archive	✓	✓	✓
File Increments	Small file archives with the newly created or changed data. Based on the base file or sector archive	The same benefit as for the differential backup, but only for file archives. It's also possible to create a file complement to a base sector archive	✓	✓	✓
Backup Metafiles	The program is able to quickly back up by the user's request such files and folders as: My Documents; My Media Files; My Email Folders;	This feature helps users to easily secure their valuable data without additional configuration. Users can leverage sector backups for the same purposes, but in this case they will have to create archives of whole partitions (with all redundant data)	✓	✓	✓
Synthetic Backup	Archives re-configuration	Existed archives can be reconfigured, compressed, split or secured with a password. All changes will be stored in a new archive	✓	✓	✓
Backup to FTP server	Work with remote FTP server	Provide a new level of the system and data protection	✓	✓	✓
Backup Capsule	Work with a special hidden secured partition	This partition grants additional level of security to all archives which it contains. Also this partition can be configured to be bootable with Recovery Environment	✓	✓	✓
Backup to CD/DVD/Blu-ray	The program is able to burn CD/DVD media with archives	Additional convenient way to store archived data	✓	✓	✓
Mount Images	Archives can be mounted as local drives in Windows	The mounted archive is seen as a local drive in the "My Computer" window. The user can browse this "drive", copy, extract files and folders	✓	✓	✓
Selective Restore	Extraction of small pieces of data from an archive	Files and folders can be copied from an archive without its restore with help of Volume Explorer or File Transfer Wizard tools	✓ (with new Restore Wizard also)	✓ (with new Restore Wizard also)	✓ (with new Restore Wizard also)

Full Comparison

<http://www.paragon-software.com/business/db-server/comparison.html>

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