

Case Studies

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Enhance RS8 SS Offers Flexibility and Expandability for Commercial Printing Company

The Challenge:

When it comes to commercial printing companies, Freeport Press, Inc. is nationally recognized as one of the best known in Ohio. Freeport Press specializes in print books, magazines & catalogs all in a completely digital environment. Their customers submit files digitally and Freeport Press run them through their system and uses the UltraStor RS8 SS to store data and publish the data out to the devices that do their printing presses.

When Freeport press was looking for a storage system to store their content, they evaluated several vendors and bought a unit that didn't "fit in exactly. After careful and extensive consideration, Freeport Press turned to Enhance Technology's UltraStor RS8 SS storage solution, which offers high performance and large storage capacity for publications, periodicals, newspaper and magazines.

"The RS8 SS gave us the storage we needed, the speed and price," says James Fleming, Freeport Press Information Technology Manager.

Fast Speed and Expandability Storage Solution

Freeport Press configured RS8 SS with LSI host bus adapter and Window Server 2003. "The performance is beyond my expectations. If I would rate the customer service from 1 to 10, I would say is 10," James adds, "Every time I have called in, when we're doing the presales stuff, one of Enhance Technology's inside sales person will get one of your inside tech people on the phone to answer my questions and address them. I feel very comfortable making the purchase after my questions."

About James Fleming and Freeport Press, Inc.



James Fleming has been the Information Technology Manager for 15 years. Freeport Press has been in continuous operation in Freeport, Ohio since 1880. The company provides commercial heat-set printing, finishing, mailing and distribution services as well as digital solutions to compliment your printed material using ePRO.

Freeport Press is a nationally recognized commercial printing company, which has been experiencing double-digit growth over the last 8 years under their current ownership. This impressive growth has been during the same time period of severe industry stress in which over 40 printing plants in the Ohio valley have closed their doors forever.

UltraStor RS8 SS Offers Flexibility and Expandability for Commercial Printing

Dell Power Edge 2950 running Windows Server 2003

- Dual-core 64-bit Intel Xeon processor
- 1066MHz FSB with 32GB RAM
- TCP/IP Offload Engine (TOE)

UltraStor RS8 SS
Seagate Barracuda SATA 1.5TB

Application
File Serving

Operation	Speed (MB/s)
Sequential Read	~750
Sequential Write	~600



The implementation went as smooth as expected. When Freeport Press received the unit, they powered it up, attached it to the server, had it running for an hour and started to use the unit. James notes, *"The outcome of the RS8 SS is fabulous, the key benefits of this unit is the speed and expandability. When it comes time to get another unit here in the building, I'm going to propose another one of the RS8."*

About ULTRASTOR™ RS8 SS

Enhance Technology's new performance driven UltraStor RS8 series Enterprise SAS RAID system delivers over 800MB/sec speed to meet with data/transaction intensive applications. Utilizing point-to-point host / disk connectivity, the UltraStor RS8 SS offers Enterprise-grade fault tolerance solution and improved performance for applications that demand nothing short of superior reliability. UltraStor RS series is designed to accept both high reliability SAS disks and high capacity SATA disks, and is capable of dynamic storage expansion to 4x more enterprise RS16 JS JBOD storage sub-systems for a total of 80TB storage capacity.

UltraStor RS8 IP iSCSI Features & Benefits:

- Hybrid SAS & SATA based disk storage system
- 2U modular rackmount design for easy integration
- Storage expansion through RS16 JS system
- One logical volume shared by as many as 16 hosts
- Comprehensive RAID levels: 0, 1, 3, 5, 6, 10, 30, 50, 60
- Multiple RAID levels and stripe sizes per disk volume
- Supports multiple RAID volume & instant availability
- Optional remote monitoring and management over TCP

