

# Case Studies

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## College of DuPage Deploys Fibre SAN Solution with UltraStor RS16 FS/JS for Avid Adrenaline & Adobe Final Cut Pro

### The Challenge

College of DuPage was established in 1967 in Glen Ellyn, Illinois. It is one of the largest single campus community college in the United States and the second-largest institution of higher education in Illinois. With more than 30,000 students attending per semester, College of DuPage provides an educational experience for nearly 25 percent of all high school graduates in Community College.

College of DuPage has been a valued customer of Enhance Technology since 2003; they first purchased eight (8) Enhance Technology's UltraStor RS16 SATA units for some local AVID storage in which they had very good experience with it. This year, College of DuPage came back to Enhance Technology for two (2) more enterprise storage units, the UltraStor Series with one UltraStor RS16 FS (Fibre Channel) and one enterprise JBOD storage, the RS16 JS (JBOD) for storage expansion via SAS expansion port creating an addition of 32TB of Fibre SAN storage system for video editing.

### Reliability, Functionality and Performance

The implementation for RS16 FS and RS16 JS went smooth and easy as planned for College of DuPage. Whenever they needed any support, the engineers at Enhance Technology always helped him right away. "The SAN array is 100% functional and AVID share SAN storage with other clients!" says Elmir Husetovic, Lead Video Systems Engineer from College of DuPage.

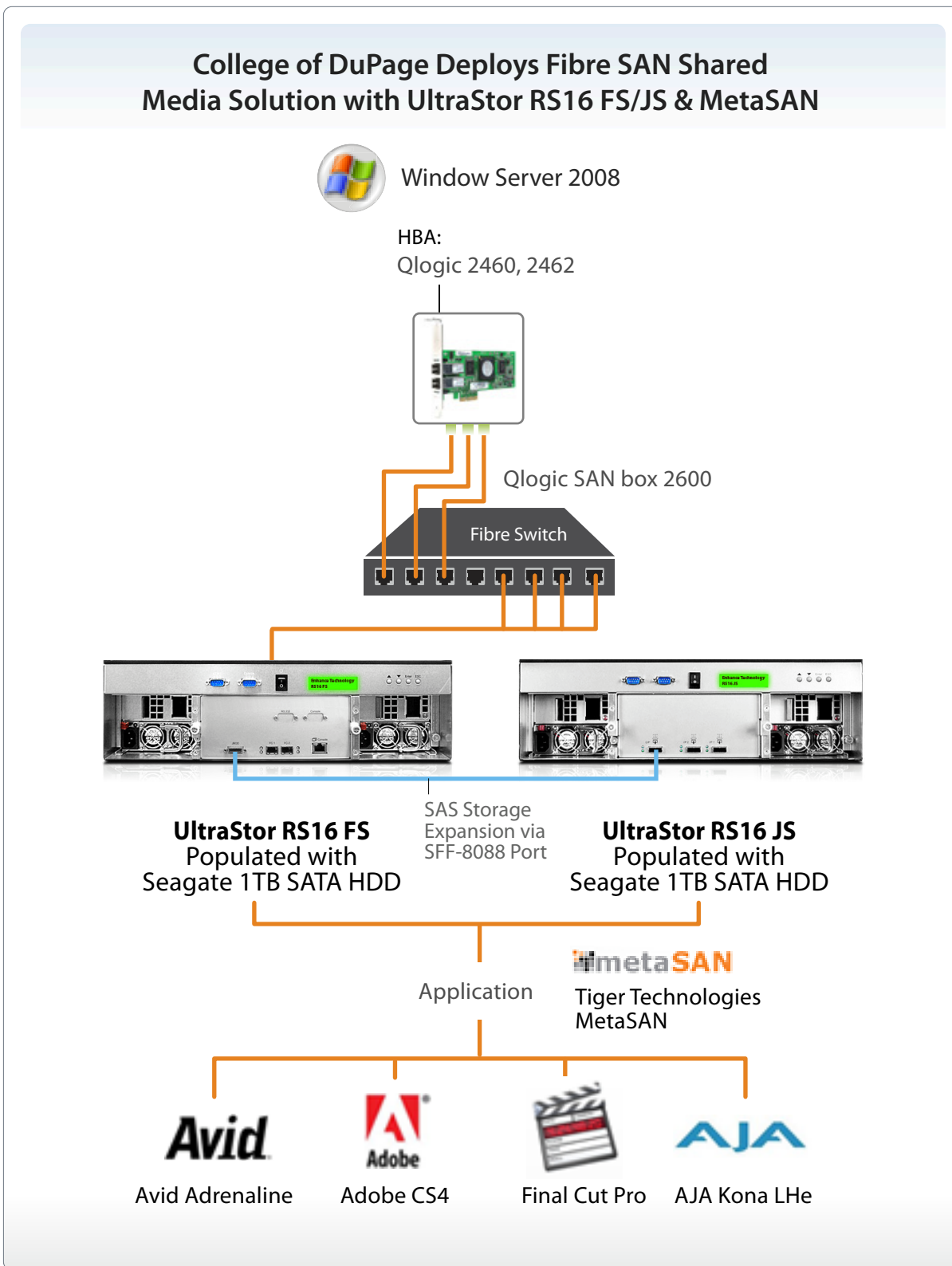
College of DuPage uses Window Server 2008 as master storage controller for both NAS & SAN, and uses MetaSAN for Avid Adrenaline & Final Cut Pro with AJA Kona LHe. Enhance Technology's UltraStor RS16 Fibre Channel are fully tested with MetaSAN SAN management software and together they offer impressive results revealing improved performance SAN. Tiger Technology's MetaSAN turns the UltraStor products into a powerful, cross-platform, file-level sharing SAN by eliminating the risk of file-system corruption that would otherwise occur when multiple computers access the same disks.

*"The RS16 FS and RS16 JS are very reliable, easy to install, configure and the performance is as advertised! Easily upgraded and reconfigurable (reconfiguring my old SATA/SCSI unit as JS units with minimal cost of hardware; very cost effective). In my opinion, Enhance Technology is at the forefront of storage industry offering reliable and very cost effective storage solutions," says Elmir Husetovic.*

### About Elmir Husetovic and College of Dupage



Elmir Husetovic is a Certified Broadcast Television Engineer (CBTE), Certified Broadcast Networking Technologist (CBNT), and working at College of DuPage for Multimedia Services Department as Lead Video Systems Engineer. Elmir Husetovic has 15+ years of IT/ Broadcast Engineering experience.



### About ULTRASTOR™ RS16 FS

The RS16 FS represents the pinnacle of hybrid I/O technology. UltraStor RS16 FS opens the door to the world of high performance computing by accepting both high performance SAS disks and high capacity 3Gb SATA disks with next generation 4Gb Fibre Channel Dual-port (FD) host interfaces. Embedded with MPIO support for both Windows and Mac applications, the RS16 FS addresses the challenges of high impact/high volume storage requirements, and drives data throughput over 600MB/sec offering possibilities for new level of applications. Being the most popular model within the advanced RS Series, RS16 FS offers dynamic data expansion through daisy-chaining four (4+) more optional RS16 JS JBOD units to form large RAID storage required by some data intensive applications, and continues the UltraStor tradition by delivering a solution that raises the bar in reliability, functionality, and performance.

### ULTRASTOR™ RS16 FS Features & Benefits:

- Hybrid SAS & SATA disk based storage system
- Comprehensive RAID levels: 0, 1, 3, 5, 6, 10, 30, 50, 60
- Multiple RAID levels & stripe sizes per disk volume
- Supports on-line volume expansion & migration
- Storage expansion through RS16 JS system
- Supports up to 2GB RAID controller cache memory
- MS MPIO Certified; Snapshot & RAID-6 supported
- Remote storage management through web GUI

