

## Journal of Visualized Experiments (JoVE) Improves Video Backup

### The Scenario

What type of storage product should you buy if you have a huge amount of data to store and wants to keep it safe from loss or corruption?

Small to medium enterprises IT usually faces this dilemma when they run out of spaces and need to find a new storage product that are cost-effective, scalable, and reliable. Indeed, this happened to Alvin Liang, a web and backend developer at JoVE. JoVE is the first journal devoted to the publication of biological research in a video format. They use video technology to capture and transmit the multiple facets and intricacies of life science research. Alvin Liang was looking for a solution that was quiet, fast and reliable to store video footages from their publication, and he chose EnhanceBox E10 PM. "We edit hundreds of hours of raw video footage for our publication, so we need fast, reliable storage for day-to-day use," said Alvin.

### Solution with RocketRAID 2314

The implementation was simple, they just plug-in the drives, connect cables, flip switches, and set up RAID software (included with RocketRAID 2314 card). "The E10 PM is very quiet and reliable, and has a nice slim profile fitting well next to our file server," stated Alvin. For their file server, they hooked up the E10 PM enclosure to a Dell Vostro equipped with a RocketRaid 2314 RAID controller card which runs with Windows Vista Business. The file server can handle up to 20 clients at any one time. The E10 PM is straightforward to set up, says Alvin, "it has good performance and capacity, and everyone at the company has been friendly and helpful." He also mentioned that the key benefit of E10 PM is the large capacity, "10 drive bays is a lot of space, and we may need them soon!"

### RocketRAID 2314 Series RAID Controllers Highlights

- Fastest Sequential READ/WRITE performance
- eSATA connector types
- Up to 20 SATA Hard Drives support with PM
- HighPoint RAID Management (Web GUI)

### About Alvin Liang and JoVE



Alvin Liang is a web and backend developer at JoVE, and he also handles some IT work behind the scenes.

JoVE was founded in October 2006 as the first journal devoted to video publication of biological research. This new method of publication leads to improved visualization and reproducibility of published studies compared to traditional print publication. JoVE has released 23 monthly issues with over 300 video protocols on experimental approaches in developmental biology, neuroscience, microbiology and other fields. To facilitate integration of video into scientific publishing, JoVE also assists scientists with filming in laboratories and video editing.

