

### Leading Production Studio Safeguards Programming with JetStor® RAID Solutions

#### The Storage Environment for One of The Nation's Leading Cable Production Studios



#### THE ORGANIZATION

This full-service production studio, located in the southeast, is one of the largest in the U.S. Founded some 30 years ago, it produces entertainment shows, promos, commercials, live sports, documentaries, broadband content, network IDs, interstitials, and DVDs for leading cable programming providers. Its commitment to entertainment excellence is exemplified by the many industry awards its work has garnered over the years.

#### THE CHALLENGE

The studio found that success led to a critical challenge—safeguarding its work. Every week, its producers, artists, and executives generate data, especially large multimedia files, that must be stored and backed up. Initially, it relied on robotic tape libraries for back-ups due to their low per-gigabyte storage costs, but this strategy presented shortcomings. With their limited I/O capabilities, the tape drives ran constantly to keep pace with the flow of production data. Moreover, restoring files was arduous. To retrieve a file, the entire monthly back-up of the file's directory had to be restored, followed by incremental restores of snapshots until the day the file was last saved. Administrators tried virtual tape libraries, which provided faster I/O speeds, but retrievals of files still remained difficult.

“We needed a new storage strategy if we were to protect our work according to our business needs,” said the studio's storage engineer. “It had to combine economical and extremely reliable storage solutions with a means for rapidly accessing backed-up data.”

#### THE SOLUTION

Twenty JetStor® SATA 516F 16-bay RAID Arrays from Advanced Computer & Network Corporation (AC&NC)

#### SYSTEM CONFIGURATION

- ZFS file system running on the Solaris operating system
- Twenty JetStor SATA 516F 16 bay RAID Arrays, each with 32Tb of storage
- QLogic fibre channel switches linked to the JetStor Arrays

#### BENEFITS IMMEDIATELY REALIZED

The studios' strategy was to implement a primary storage repository for users' data, and an identical site for back-up. Each site is anchored by ten JetStor SATA 516F RAID Arrays that house 233 terabytes of data. Should disaster strike, administrators can transform the back-up site into the live repository in minutes, enabling users to store and access their files routinely.



