



Patented Mathematically Lossless Compression

More Storage

Faster Transfers

Conserve Bandwidth

Save Time & Money

Z-app™: Transparent Compression Appliance

High quality pictures requires a great deal of storage. DPX, TIFF, TARGA, Cineon and RAW formats have become the formats of choice for film post-production. With the ascendancy of 2k and 4k files, both RGB and XYZ color space, the strain on storage and communications systems translates to increases in cost and storage. Zaxel Systems has developed Z-app™ to reduce the storage space and the transmission time without sacrificing quality.

Z-app™ uses Zaxel's **ZLC**® mathematically *loss less* codec. **ZLC** is fast, has very low latency, and relatively high compression ratios. Z-app has incorporated a revolutionary computing paradigm named "**Transparent Compression**" to compress and decompress files transparently as they are stored to the SAN storage or retrieved from the SAN storage. The images are compressed when stored in the SAN storage, but from the client applications they look identical to the original images. Therefore, no change in the workflow is needed.

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Z-app™ 410

Z-app™ 404

Client connection: 10 giga bit Ethernet
or InfiniBand

Client connection: 4 channel 1 giga bit Ethernet

SAN connection: 4 gb HBA or Dual ch 2gb HBA

SAN connection: 4 gb HBA or Dual ch 2gb HBA

Client OS: Windows XP or Windows 2003 Server

Client OS: Windows XP or Windows 2003 Server

Throughput 400 Mbytes per sec

Compression ratio 2 to 1 for video, 6 to 1 for animation

Compression ratio 2 to 1, 6 to 1 for animation

Files supported: DPX, RAW

Files supported: DPX, RAW

System Connections

Z-app™ 410

Client Workstation



10 GigE or ↑↓ InfiniBand



Compression Server



Storage

Z-app™ 404

Client Workstations



↑↓ 1 GigE

↑↓ 1 GigE

↑↓ 1 GigE



Compression Server



Storage

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