

# QUALSTAR BQ XLS VIDEO ARCHIVE SYSTEM

## Fully Integrated Video Archive

- 5,310 - 9,630 hours of video at 50Mb/sec MPEG2
- 10,620 - 19,260 hours of video at 25Mb/sec MPEG2
- 26,550 - 48,150 hours of video at 10Mb/sec MPEG2
- Pre-configured system optimized for video archive storage and management
- Near-line digital data tape robotic library
- Uniform LTO 3 media format
- Each LTO 3 data cartridge can store:
  - 18 hours of video at 50Mb/sec MPEG2
  - 36 hours of video at 25Mb/sec MPEG2
  - 90 hours of video at 10Mb/sec MPEG2



## System Benefits

- Very flexible, designed to adapt to your workflow
- Readily expands as your archive needs grow
- Stores over 10,000 hours of DV25 in less than 9 square feet of valuable control room space
- Simple to manage unlimited capacity off-line archive
- Fully integrated system with on-site service and support from a single vendor
- Future tape technology growth path increases capacity and protects your investment

BQ XLS Video Archive System shown with two optional side Expansion Pods

**THE QUALSTAR BQ XLS VIDEO ARCHIVE SYSTEM (VAS)** combines a high performance server and an XLS Enterprise Tape Library that have been tested and qualified with the leading video archive software providers.

### **SIMPLE INSTALLATION AND EXPANSION**

The BQ XLS initially stores 10,620 hours of DV25 near-line in only 8.5 square feet of floor space. It can be easily expanded to house over 19,200 hours of SD content as your needs grow.

This system is simple to install

and operate and can expand as needed, reducing your initial cost and lowering operating costs.

One or two Expansion Pods can be added, each containing 120 tape slots yielding 4,320 hours more DV25 content storage. Add both pods and you can store an immense 19,000 hours of SD video near-line in only 11.5 square feet of floor space. You may never need to move content to the shelf with this system.

### **DESIGNED FOR PERFORMANCE**

The VAS server is engineered for continuous operation, incorporat-

ing 3 TB of disk cache (JBOD, RAID 0, 1, 5) and the latest dual-core CPU technology running Windows 2003 Server Edition in a 2U chassis with redundant power supplies.

Four high performance LTO 3 tape drives deliver concurrent read back and write capability. Up to eight more drives can be added as throughput demands increase.

### **STREAMLINED CONTENT MANAGEMENT**

The video content is stored on a combination of hard disk and digital data tapes using simple

and easy to set up rules that you can optimize to match your particular workflow.

### **HIGH DENSITY NEAR-LINE VIDEO STORAGE**

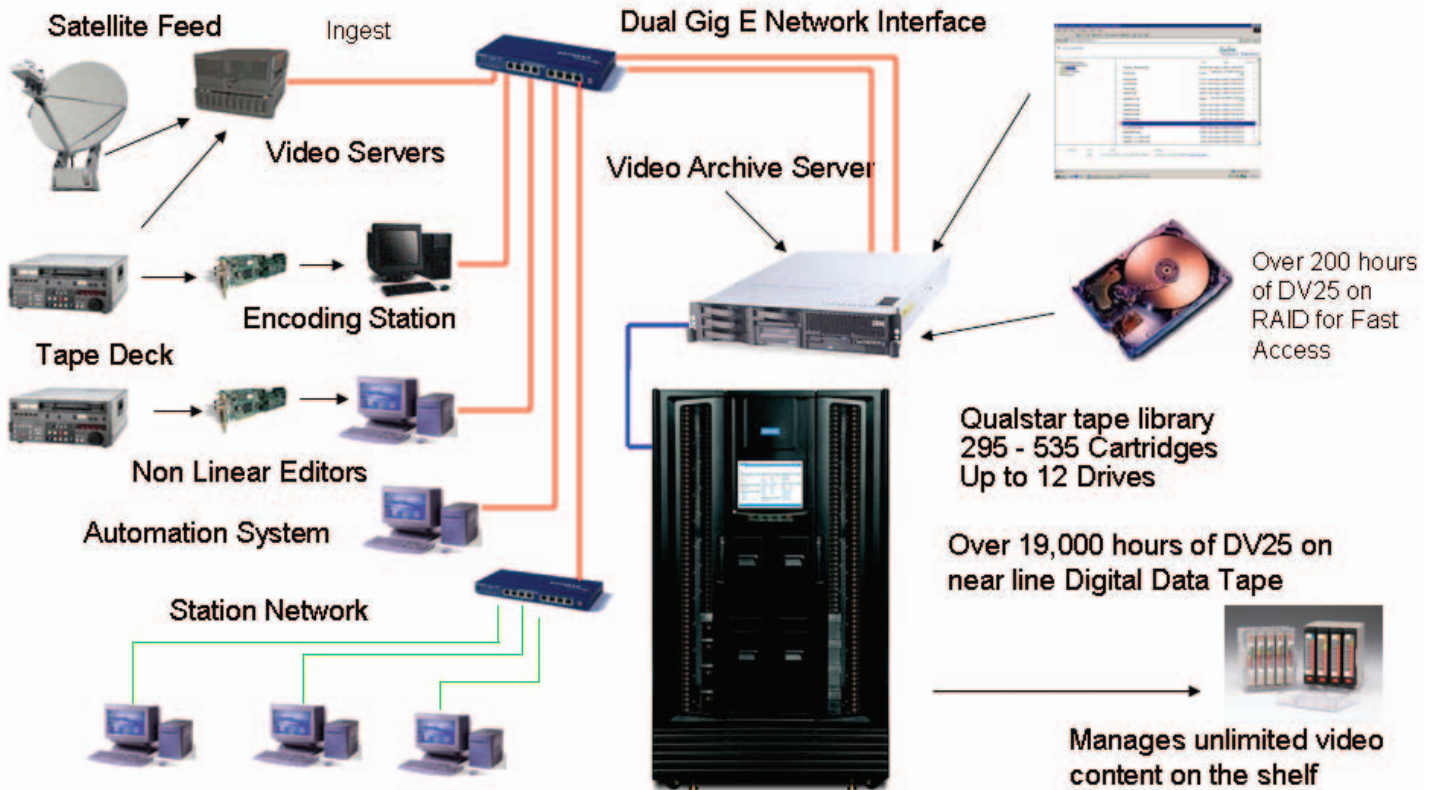
The Qualstar VAS is the ideal archive solution for you and your broadcast facility. It can grow to fit your needs, requires minimal maintenance and takes up a small amount of space in your control room. All at a price you can afford.

# QUALSTAR BQ XLS VIDEO ARCHIVE SYSTEM

**DRAWING IS FOR POSITION ONLY**

Over 19,200 hours in less than 12 Sq Ft of floor space

Video Archive Software to manage content, runs on server



## TYPICAL QUALSTAR BQ XLS VIDEO ARCHIVE SYSTEM

### QUALSTAR BQ XLS INTEGRATED VIDEO ARCHIVE SYSTEM SPECIFICATIONS

#### Video Archive Server

- 2U chassis
- Dual core 2.4 GHz processor
- Windows 2003 Server Standard Edition
- 2GB DDR2 RAM expandable to 64GB
- 3TB SATA disk supports JBOD, RAID 0, RAID 1, and RAID 5 configurations

- Dual redundant power supplies
- Hot swappable power supplies, hard disks and fans
- 3 year warranty

#### Robotics Tape Library

- Four LTO 3 tape drives
- 295 cartridge slots
- N+1 redundant power supplies
- 10-slot I/O port with removable magazine
- Built in color touch screen console
- Remote browser monitoring and management software

#### Options

- One or two 120-slot Expansion Pods
- Up to eight additional LTO 3 tape drives can be added at any time
- Optional Fibre Channel interfaces
- Additional 10-slot I/O port
- Expanded disk and RAM

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# SIMPLY RELIABLE