

# MASSExpand



## Low-cost, fully-integrated storage expansion for all broadcast videosevers

The broadcast video server has become the standard playout device in the broadcast industry, providing ease of operation, performance, and quality advantages over tape-based systems. However, the video server still falls short in one important feature, and that is the exorbitant cost of expanding the storage capacity.

MassExpand solves this problem by providing an infrastructure that allows native connectivity to video servers (FC, 10/100/1000BT) and expansion of the amount of available disks within a facility. Fully integrated with the facility automation system, MassExpand manages the expanded storage automatically and transparently.

A number of storage options (SAN, DAS, or NAS) are available through Masstech, or any third-party. Whichever route is chosen, the cost of this storage is a fraction of what it would have cost from the original server manufacturer.

MassExpand also allows a facility to connect to archive tape-based storage, and with policy-based management, material can automatically be put into the archive for non-volatile storage. Working with existing automation, material is moved into and out of the video server from disk or tape without operator intervention. With its simplified GUI, MassExpand allows for manual content movement as well. And if connected to MassProxy, visual confirmations can be viewed on the desktop.

Expansion is not the only benefit of MassExpand. For new facility buildouts dramatic savings can be made on the video server budget. MassExpand allows a facility planner to maximize the available storage capacity of the facility within any given budgetary constraints by planning around three cost factors: 1) the video server cost per hour, 2) the expanded disk array cost per hour, and 3) the tape archive cost per hour.

Digital asset management functionality can also be added, providing full facility management. MassExpand is an infrastructure tool that allows the broadcaster to efficiently grow their existing environment without workflow changes, costly equipment expansion, or antiquation.

### MassExpand Features

- Low-cost expansion of new and legacy video server storage
- Provides a platform for system expansion, including asset management, low-res proxy transcode operations, Web-based asset tracking and low-res content preparation
- Limitless storage expansion capacity based on spinning disk, data tape libraries, or a combination of the two, so the system can grow as a facility grows
- Advanced storage migration policies allow users to save on storage costs by maximizing use of low-cost storage while minimizing use of the high-priced video server storage
- Direct interface to major automation systems assures compatibility with existing infrastructures

**Supported Equipment**

**Video Servers:**

- Thomson Profile XP Series
- Thomson Profile MAN
- Pinnacle MediaStream 300, 700 and 1600
- Pinnacle MediaStream SAN
- SeaChange BMS and BMC
- SGI O200 and O300

**Automation:**

- Harris/Louth
- Encoda Systems
- Florical

**Data Libraries:**

- Sony PetaSite
- Spectra Logic 2000, 10000, 12000, 20000 and 64000
- Asaca TerraCart DVD
- ADIC Scalar Series

**Data Drives:**

- Sony AIT2 and AIT3
- Sony DTF1 and DTF2
- IBM LTO1 and LTO2
- Toshiba/Panasonic DVD-RAM

**Disk Arrays:**

- Adaptec DuraStore DAS Array
- MassNAS NAS Array
- IBM FastT700 SAN Array
- SeaChange BML
- Others qualified

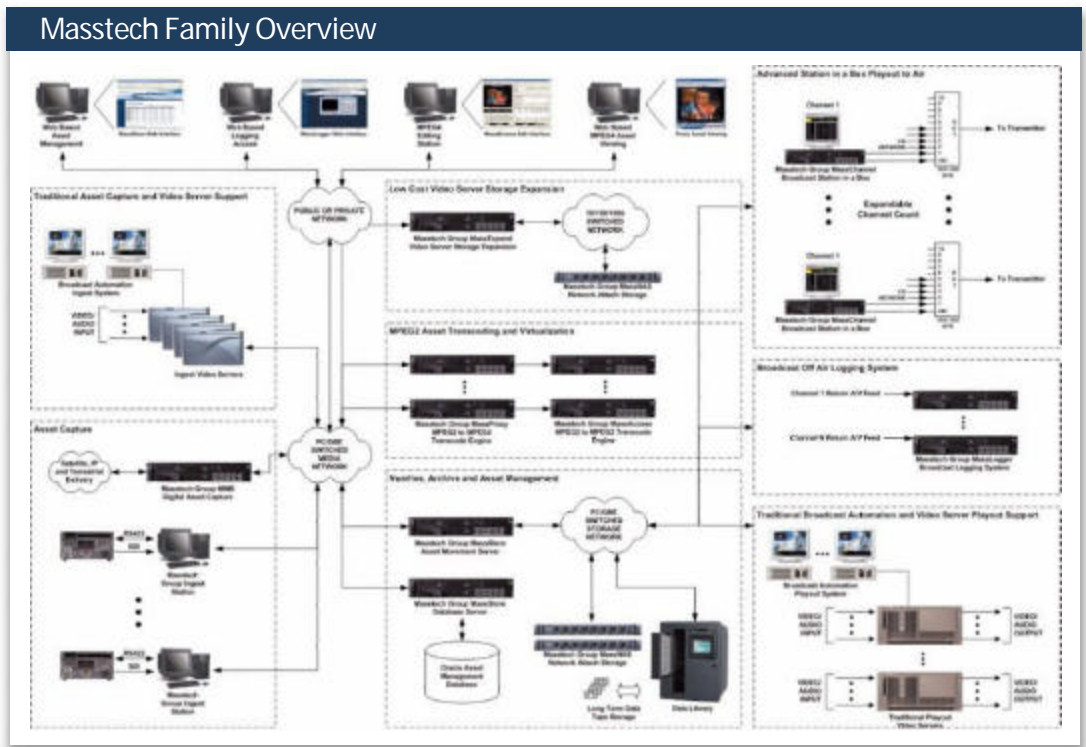
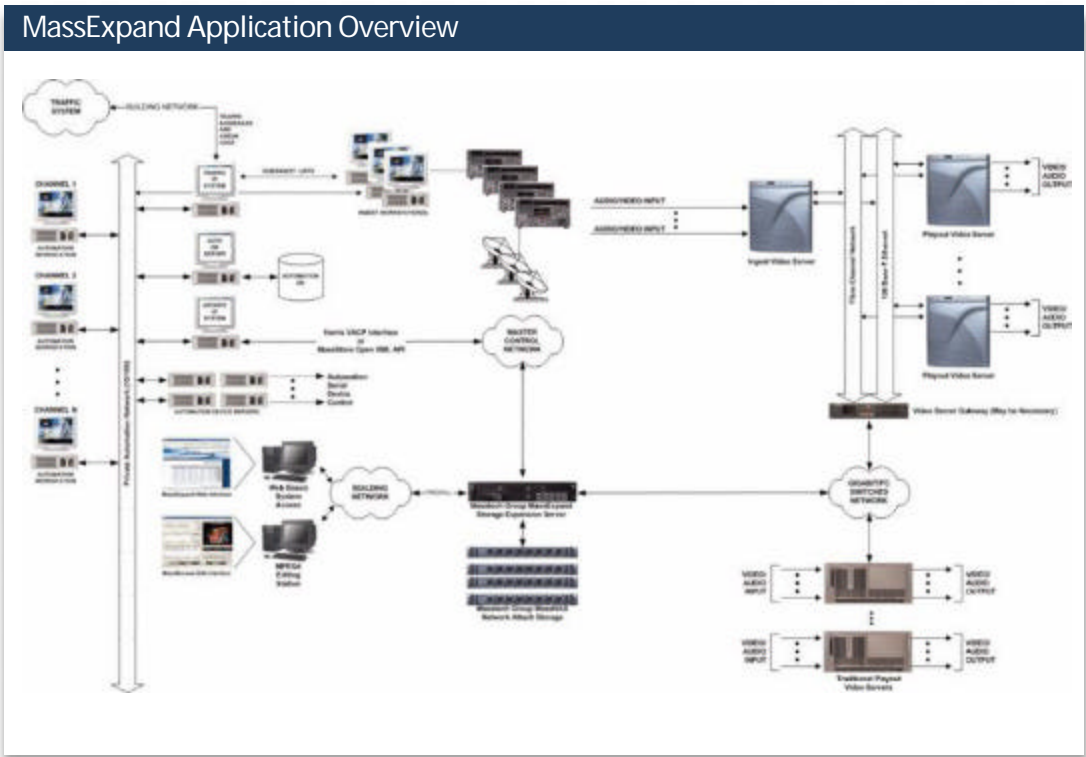
**Supported Standards**

- Harris Video Archive Control Protocol (VACP)
- Harris Video Disk Control Protocol (VDCP)
- MassStore Open XML API

**Product Specifications**

**MassExpand Server**

- 2 RU rack mount chassis
- Redundant, hot swappable power supplies
- Redundant system fans
- Rack mount rails
- Slim line CD/floppy
- Dual Intel high performance processors
- Tools free serviceability
- RAID protected, hot swappable system drives
- Multi international regulatory approvals
- Web-based user interface



Masstech Group Inc. 2 East Beaver Creek Rd., Building 3, Richmond Hill, Ontario, Canada L4B 2N3  
 www.masstechgroup.com • Phone 905.886.1833 • Fax 905.886.2155

USA Sales • USA • 2915 Commers Dr, Suite 900, Eagan, MN 55121  
 Phone 651.688.0888 • Fax 651.688.8284

Support and Service • support@masstechgroup.com

Sales • sales@masstechgroup.com

