

# Final Cut Studio Solutions

Third-Party integration featuring MatrixStore

## MatrixStore.

### The Solution

MatrixStore is a disk-based archive for Final Cut workflows.

MatrixStore software takes low-cost disk and turns it into a disk-based archive. It is a safe place to protect all your original footage and final cuts for as long as you need to keep them. Forever if you need to. MatrixStore allows you to put everything you have ever created onto your network and gives your organisation direct access to your complete archive instantly. And this access is as simple as a keyword search.

MatrixStore is for organisations that need to store tens to hundreds of terabytes of digital assets. It requires a minimum of three Apple Xserve and Xserve RAID systems clustered together with MatrixStore software. This entry-level configuration protects over 300 hours<sup>1</sup> of high definition video assets. You can expand MatrixStore to protect many thousands of hours of film and video assets.

MatrixStore lowers the management required. This is really important when you need to keep a large and growing archive safe for a long time. It automatically backs up every asset stored. Should a storage hardware component(s) fail, it automatically re-protects any affected assets by making a second copy of them elsewhere on the MatrixStore system. Adding additional capacity is a simple 30 minute task with minimum disruption to users of the archive. All designed to make long-term archiving on disk not only safe but less hassle than archiving with traditional tape solutions.

MatrixStore stores all metadata an asset accumulates throughout its production lifecycle. Every asset increases in value with the ease it can be found and reused. Every asset on MatrixStore is always only a metadata search away. And MatrixStore can play well with the applications in your workflow with an open and simple integration capability.

### Primary components

#### Disk-based archive.

MatrixStore is a disk-based archive designed to protect all your film and video assets. It is software that runs on Apples low-cost Xserve and Xserve RAID systems.

#### Who is it for?

MatrixStore is for organisations that need to store and share tens to hundreds of terabytes of film and video assets.

#### MatrixStore retains metadata.

Saving all accumulated metadata throughout the assets lifecycle makes finding and leveraging your archived film and video assets easier.

#### Integration into your workflow.

MatrixStore has an open API and can be integrated with Digital Asset Managers and other applications in your workflow.

#### MatrixStore compliments Xsan.

Xsan is great for workgroup video production, MatrixStore is ideal for protecting your film and video assets for a long time.

#### Improving economics.

Disk continues its 50-year trend of falling in cost and increasing in affordability. MatrixStore makes archiving to disk reliable and easy to manage.

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<sup>1</sup> approx 300 hours of DVCPROHD 1080i can be stored on entry-level 13TB MatrixStore System

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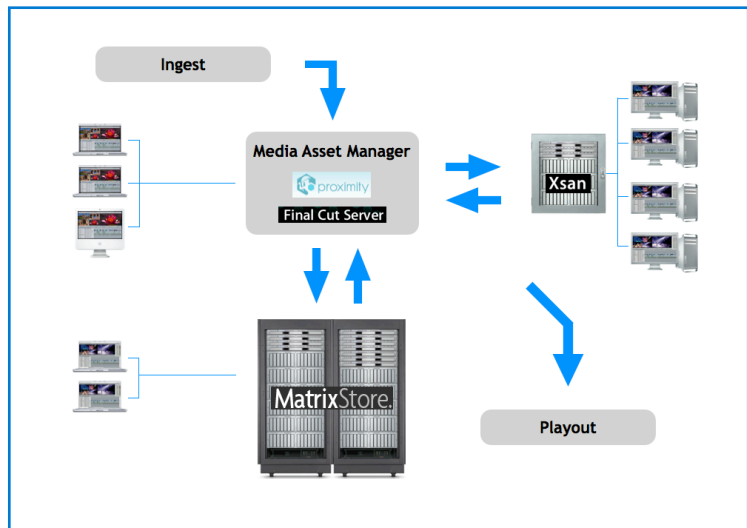
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## The Workflow

The value is in what you create. MatrixStore sits transparently behind your workflow protecting your digital assets with the minimum of effort. Integrating your workflow around protection and instant availability of these assets let's your team focus on the creative process.

MatrixStore is the ideal storage solution to sit underneath your Media Asset Management application. This allows for a single point of integration into your workflow. MatrixStore presents all your assets to the individuals and applications that need them through the asset

manager. Of course MatrixStore also backs up automatically, self-heals thus minimising the affects of most hardware failures, and stores all accumulated metadata along side every asset. All working transparently in the background meaning you have less to do to keep everything safe and running smoothly.



MatrixStore is a great compliment for SAN based storage. A SAN is perfect for provisioning high performance shared workspace for the editing and production process. Its architecture, management and costs are less suited to long-term protection of assets. Xsan is ideal for what your working now, MatrixStore for keeping original footage and final cuts safe.

MatrixStore can also integrate directly into other applications in your workflow through our open application programming interface (API). Or you can use our DropSpot desktop application to search, upload and download assets from MatrixStore allowing you to script and automate processes across Mac, Windows and Linux platforms and applications.

While applications and processes change over time, your digital assets persist. MatrixStore provides the long-term repository for your assets in a non-proprietary format, giving you the piece of mind that all your digital assets and their associated metadata are always available to your workflow, now and in the future.



ObjectMatrix

Object Matrix ([www.object-matrix.com](http://www.object-matrix.com)) makes software to protect the digital files organisations need to keep for future reference. Our software product MatrixStore, builds low-cost commodity disk drives into a safe place to store digital files. Forever.

MatrixStore software is especially suited to the Film and Video industries. The challenge to protect digital films that have historical or future reuse value is increasingly difficult as the sheer size of digital content grows with the mainstream adoption of high-definition and 2K/4K digital technologies. MatrixStore facilitates the long-term protection of digital assets. It significantly reduces the resources required to do this, which is important when you need to keep your digital assets for a long time. MatrixStore software runs on low-cost commodity disk drives dramatically lowering solution costs and ensuring customers continue to benefit from the 50-year trend of falling disk drive prices.

MatrixStore is available for download and purchase at [www.object-matrix.com](http://www.object-matrix.com)