Ingesting to a Secure and Scalable Central Asset Hub

With file based (and SDI) content pouring into studios, facilities and broadcasters there is a real business requirement for integrated ingest solutions that offer levels of automation and improvements in efficiency for all inbound content. The bottleneck in many organisations is at the point of ingest:

- Where to store all the content as there is little or no room on the production storage?
- How to create various formats and wrappers during the ingest process?
- How to create links between full resolution and low resolution content from within the production environment?
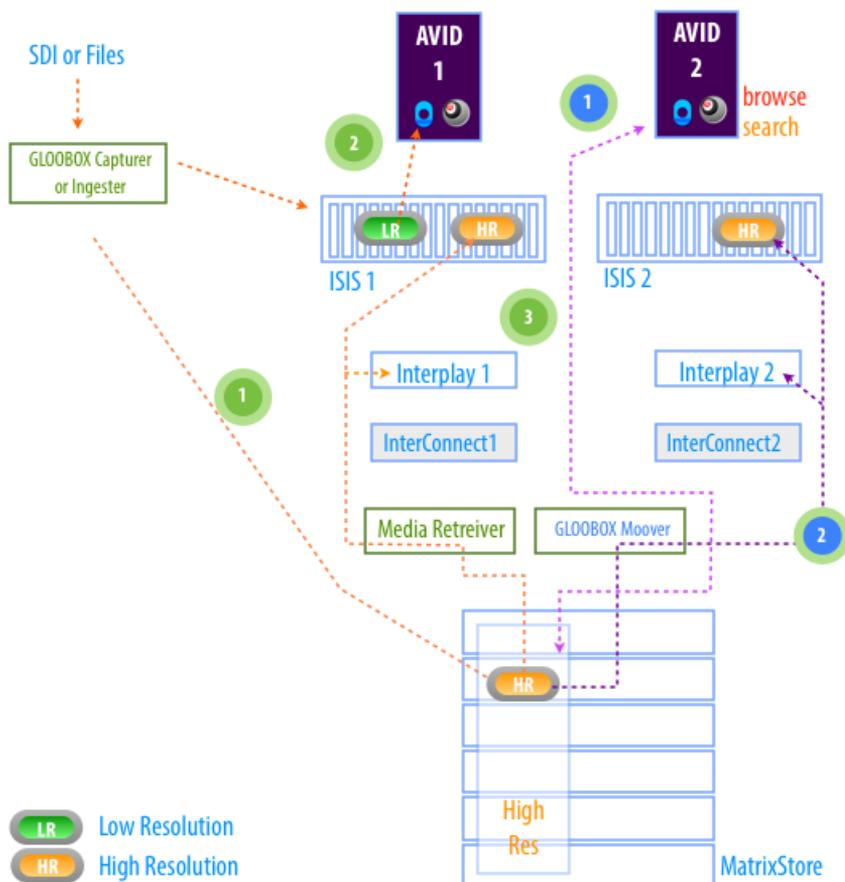
Another challenge facing content creators and owners is having certain content tied into one vendor's workflow with one over-riding media asset management architecture. Moving content into other workflows is often a costly process due to the inherent complexities of interfacing disparate and often geographically separated production silos. The good news is that GLOOKAST and Object Matrix have combined to offer solutions that resolve the file-based workflow challenges that organisations face on a daily basis whilst also providing automated workflows that are proven to provide a substantial return on investment.

The Integrated Answer

Whilst providing a substantial return on investment, the integrated solutions also offer the following benefits:

- Parking of high resolution material to MatrixStore (secure and scalable nearline storage) whilst sending low resolution proxies to the online storage (i.e., Avid ISIS) thus reducing online storage costs.
- Enable content to be checked-in to Avid Interplay and automatically re-link the low resolution and high resolution clips during conform.
- Parking high resolution finished content to MatrixStore in news-based workflows in order that journalists may access content for re-use or re-versioning before being sent to deeper LTO archive.
- Enable different or remote production teams to access clips ingested elsewhere in the business allowing content to be shared between teams and across multiple platforms (i.e., Avid Interplay to Ardome from Vizrt).

The Integrated Workflow

The workflow examples shown here, provided by Object Matrix and GLOOKAST, offer levels of integration and automation that significantly reduce both operating and infrastructure costs:

Ingest and Media Consolidation
1. SDI or file based content is ingested via the GLOOBOX Capturer or Ingester. High resolution media is protected in a MatrixStore vault whilst low resolution copies are sent to the editing shared storage. Metadata for both high resolution and low resolution is checked into Interplay.
2. The editor uses the low resolution content to work with.
3. During conform GLOOKAST's Media Retriever will restore only the selected clips, partially restore parts of a clip or selected tracks from the MatrixStore vault.

Share Media
1. When content is protected in a MatrixStore vault, it is also available to be searched and browsed by any connected team member from any location. When the desired clips are found they are marked with "Copy to" which indicates which production silo needs the media.
2. The GLOOBOX Moover searches for clips in MatrixStore that are tagged with 'Move To' and subsequently copies those clips to the new location.