

# Mediator and Isilon

## The Challenge

Broadcasters and service providers increasingly require easy access to multiformat content. With the growing popularity of multi-language broadcast, High Definition services, Video on Demand (VOD) and other cross platform distribution, the number of users and systems requiring access to content and metadata has risen dramatically. Many facilities are becoming completely tapeless, requiring content to be always available across the enterprise. This large amount of storage requires a sophisticated management platform to enable multiple versions of files to be managed and tracked throughout the workflow.

## The Solution

The Pharos Mediator content management platform provides search, browse and workflow to every user in complex broadcast environments. Mediator handles all file transfers automatically and keeps complexity from the user, allowing them to concentrate on the task at hand.

Isilon's high-bandwidth, high-performance, scale-out NAS architecture enables Pharos Mediator to efficiently store all material without limitations on file sizes and with the ability to rapidly scale storage capacity and performance.

In a typical deployment thousands of file transfers take place every hour. Mediator's Transfer Management manages and prioritises file transfers to enable the workflow to be as efficient as possible. It seamlessly integrates Isilon online storage with other 3rd party storage such as Avid or Apple and with Data Tape archive systems. Both Mediator and Isilon IQ systems offer proven easy expansion with no disruption to current operations, even across multiple sites.

### **Pharos Mediator improves efficiency in,**

- Library Management
- Multiformat Ingest and Upload
- Live Recording
- File based Quality Control
- Compliance review and editing
- New media preparation
- Promotions Management
- Subtitling Workflow
- Playtime Automation

## Unified workflow

Pharos Mediator is a high performance platform for media management and desktop workflow. Mediator offers greater efficiency in multi-channel, multi-platform and multi-site broadcast by unifying operations under a single enterprise with browse, search and workflow at every desktop. Mediator integrates all the file transfer management required to improve operations in library management, ingest, QC, post production, transfer management and playout providing end-to-end web based desktop operation.

## Integrated Transcoding

Mediator also integrates transcode management into the workflow using best of breed transcode 3rd party applications such as Rhozet Carbon Coder. In conjunction with Isilon clustered storage this helps deliver content and metadata in the right format, at the right time.

## Easy system deployment

Whilst the benefits and efficiencies of enterprise content management are potentially significant, the practicalities of scoping and delivering a solution are often difficult to plan. Mediator and Isilon enables content management systems to be rolled-out in managed steps. Single workflow Task Pack modules cover each area of operations from ingest to playout.

## Integrated Quality Control (QC)

Mediator also offers file based QC of content and metadata with workflow alongside transfer management. Mediator can use wide range of file based Quality Control applications including Interra Baton and Tektronix Cerify in conjunction with Isilon's storage platforms.

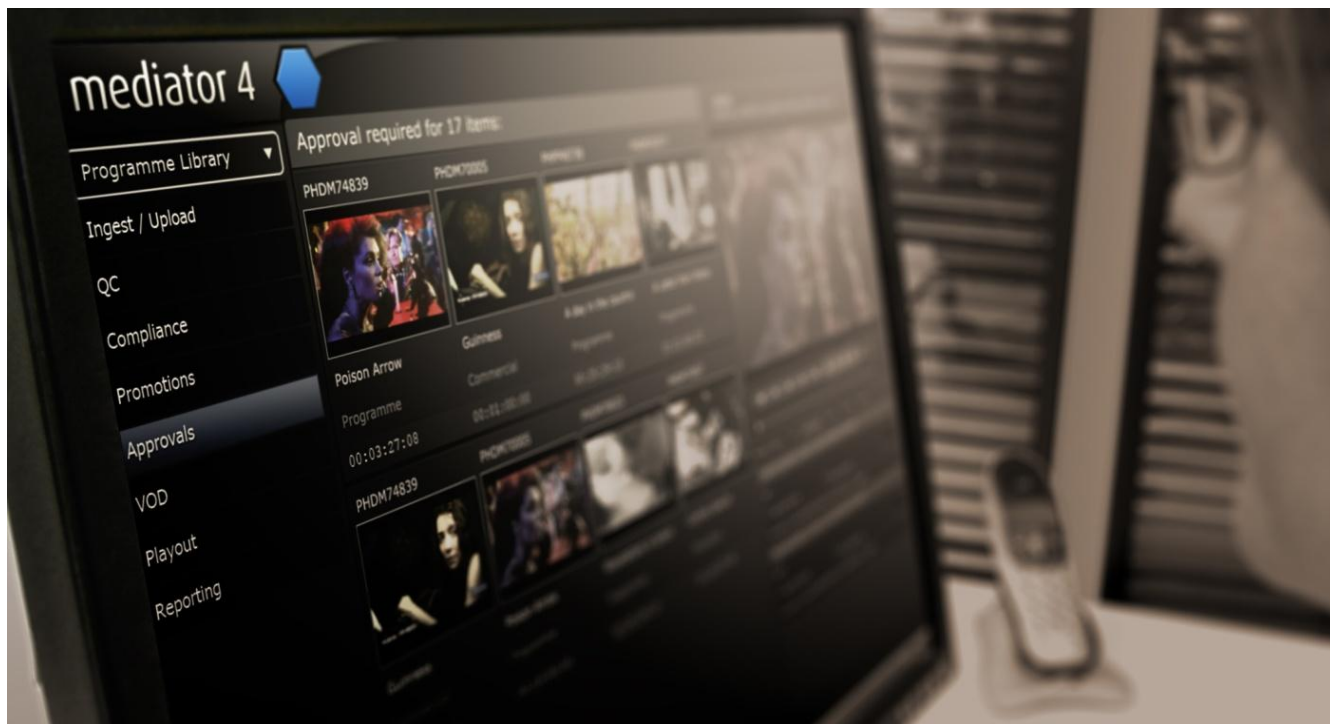
## Integrated playout

Pharos Playtime is the optional multi-channel automation module for Mediator that enables broadcasters and service providers to publish multi-format content far beyond traditional television channels. Playtime is directly integrated with Mediator's multi-language workflow and can report workflow and content status on a simple per channel or service basis. Playtime is integrated with Mediator's transfer management and transcode capabilities.

## Next generation support services

As media companies expand globally, a new type of support structure is required to keep content and operations moving around the clock. Pharos support services help maintain infrastructure, content and most importantly users in over XX countries. Our engineers have extensive expertise of Pharos systems, and offer a friendly, knowledgeable point-of-contact. Pharos support services also cover third-party hardware and software including the Isilon scale-out NAS platform.

## Mediator 4 user interface



### About Isilon IQ

Isilon Systems is the proven leader in scale-out NAS. Isilon's clustered storage and data management solutions drive unique business value for customers by maximizing the performance of their mission-critical applications, workflows, and processes.

Isilon enables enterprises and research organizations worldwide to manage large and rapidly growing amounts of file-based data in a highly scalable, easy-to-manage, and cost-effective way.

### About Pharos

Pharos software solutions improve workflow and increase efficiency for broadcasters and service providers in television, radio, VOD and mobile publishing. Since 1997 Pharos has pioneered collaborative desktop workflow and integrated third party infrastructure management.

The unique Mediator content management platform, with its integrated Playtime playout and Pilot control options, provides efficient tools to deliver multi-format content globally. Pharos software architecture, integration and post-installation support enable the entire business of broadcasting to be unified across the enterprise.

### This datasheet

PHDS-3030.01 Mediator and Isilon

### Related information:

PHDS-3013 Mediator  
See also [pharos.tv/solutions](http://pharos.tv/solutions)

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