

# ADC<sup>™</sup> Playout Automation

## Global Storage Manager

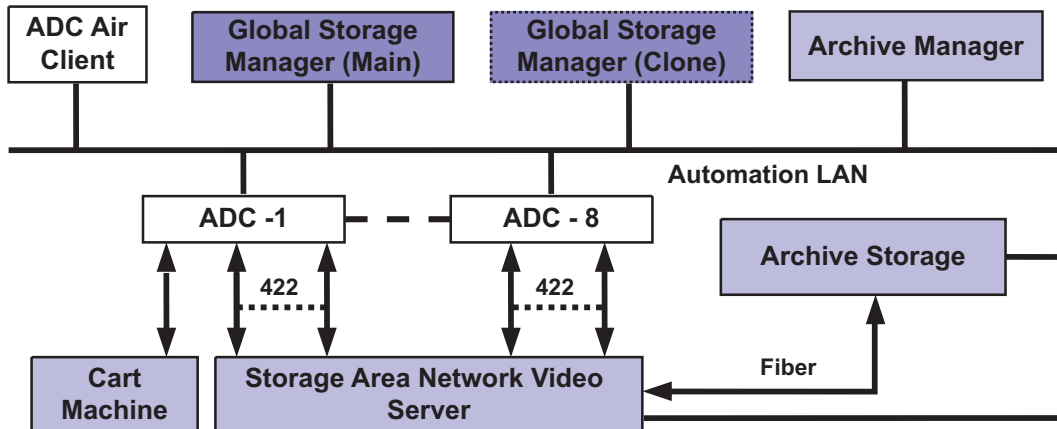
Global Storage Manager is a productivity tool for ADC<sup>™</sup> playout automation systems, providing consolidated storage management across multiple devices and enabling the implementation of global policy settings on all network-attached video servers. Built-in, multiserver login technology enables Global Storage Manager to simultaneously log into multiple ADC Device Controllers to view and manage content inventory as a single, virtual library — improving facility-wide workflow efficiency.

The benefits of centralized content management with Global Storage Manager include:

- Improved operator efficiency through the ability to set global storage management policies and apply rules to storage on multiple devices from a single operator station
- Enhanced productivity by eliminating the need to manage storage separately on individual video servers
- Improved utilization of storage capacity through policy-based, automated transfer of nonscheduled media assets from attached video servers

### Key Features

- Automatic, secure deletion of nonscheduled content from video servers
- Automatic archive of content newly received by video servers
- Automatic mirroring of content to backup video servers



Global Storage Manager within an ADC automation installation

## Improved Storage Management

Global Storage Manager supports an installation that includes up to eight ADC device controllers. Within that environment, the application creates a virtual storage container of all files on all video servers attached to any device controller, managing the files from that virtual container based on rules set by operators.

The system always knows where every piece of content resides on the network's video servers and archive storage systems, and when that content is to be played out. Global Storage Manager even tracks content information and locations associated with multiple playlists across multiple device controllers. As a playlist identifies the need for specific content, the application automatically draws it from the appropriate server and sends it to the appropriate playout device.

Through the Global Storage Manager user interface, operators have visibility of all playlists, content libraries and associated media IDs. The interface is also used to set policies that govern content management on storage devices in the network. By managing individual storage devices from a single workstation, labor-intensive activities are dramatically reduced.

### System Assured Auto-Delete

The Global Storage Manager Auto-Delete function automates the deletion of files from video servers on the ADC network. Deletion policies are set by operators.

Auto-Delete policies can be used to automate the following tasks:

- Delete content from a server when a local storage capacity point is reached (e.g., 90 percent)
- Confirm that a backup copy exists in the archive or near-line storage system before automatic deletion occurs; if a backup copy is not present, Global Storage Manager copies the file to archive prior to deleting it from the video server
- Transfer content to archive storage prior to deletion from video server storage, making the transfer to archive a non-optional command
- Mirror storage collections without the need for Air/Protect functionality
- Recognize content that's new to the networked system, and mirror it to a second video server, ensuring that the content is never lost
- Archive content received by any video server (if not previously archived)

Implementation of a clone Global Storage Manager further ensures system reliability. The clone automatically assumes control of Auto-Delete functionality if the master Global Storage Manager malfunctions.

## Managing Content Transfer

Global Storage Manager operates as a complement to the ADC Global Media Transfer (GMT) module to automatically provide the right files to the right playout device, based on input from the global playlist. GMT manages the transfer of content scheduled for playout from sources outside the ADC automation network. GMT also manages the transfer of content from archive storage to networked file servers.

Global Storage Manager can assist with archiving, mirroring and deletion of content across all video servers, and near-line and archival storage devices within the network. The application includes an archive object that supports the movement of content from a video server to archive (but not from archive to server or other storage). It is, however, a standalone product that can be operated without GMT lists, requestors, distributors and Air/Protect.

## Summary

Global Storage Manager enables increased station productivity, allowing a single operator to manage a higher number of channels. Most importantly, it guarantees the protection of content files from accidental deletion. Global Storage Manager is a product that all ADC automation environments should include for comprehensive, policy-based storage management and content security.

For more information please visit [www.broadcast.harris.com/adc](http://www.broadcast.harris.com/adc).

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