

# DIVArchive

## Content Storage Management

### DIVArchive

Content creators and distributors face the daunting challenge of storing, managing and protecting their valuable content assets.

File-based production workflows require a central content repository that supports multiple essence formats and resolutions with seamless interoperability. The accelerated adoption of High Definition broadcasting requires higher bandwidth and increased storage capacity. Re-purposing content across multiple distribution channels is essential to your business. Preserving assets for the long-term is crucial to maintaining content value. Multi-user access and collaboration must be balanced with secure access to content.

Front Porch believes that approach to storing and managing digital media content is vital to your production and broadcast operations.

DIVArchive is the Content Storage Management system designed to handle complex content and storage environments. DIVArchive enables you to:

- Create a unified Content Storage System of near-line disk and data tape libraries
- Search and view content from any desktop with the DIVAdirector option for DIVArchive
- Manage content throughout the entire life-cycle, from ingest to long-term preservation
- Automatically transcode different formats to provide interoperability between file-based production systems

### Flexibility

The DIVArchive content storage system uses a combination of disk storage and data tape libraries to balance the competing needs for rapid access and long-term preservation. The modular DIVArchive system is designed to meet both your current and future needs. Tight integration with other applications is the key to maximizing the efficiency of a Content Storage Management system. DIVArchive has proven interfaces with all of the leading Broadcast Automation and Media Asset Management (MAM) systems.

The Access Gateway option can be used to limit the ability of a user or controlling application to view or access only a subset of the total DIVArchive system. This is very useful where large DIVArchive systems maintained by service providers may contain content belonging to several different owners. You can also connect multiple DIVArchive installations at various locations to form a content sharing network with our DIVAnet option.

### Fast Performance

Our parallel data mover architecture and dynamic allocation of resources ensure that DIVArchive is always moving content at the fastest speed possible. DIVArchive can utilize multiple network connections to video servers that support them to achieve even higher speed transfers and resilience to port failures.

### High Availability and Reliability

DIVArchive is designed to provide you with high availability and reliability. All hardware components can be configured with dual power supplies, dual network adapters, and dual hot-plug system disks. The data mover components can be supplied in an N+1 configuration and, along with dynamic resource allocation, ensure uninterrupted content movement.

### Storage Plan Manager

The DIVArchive Storage Plan Manager (SPM) automatically handles the migration of content between near-line disk and data tape storage. SPM acts on configurable business rules that monitor when content was last used and how long it has been stored. You can design a customized storage policy for each object or group of objects.

This capability allows you to balance cost and performance among different storage media and take content management out of human hands.

### Content Management System

The DIVAdirector option enables you to search and view archived content directly from your desktop. Searches can be based on any content metadata and can even be linked to databases outside DIVArchive.

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### Integrated Transcoding

Today's file based production workflows use many different essence formats and wrappers, such as MPEG, DV25/50, MXF and GXF. The transcoding option for DIVArchive automatically delivers the right format to every device.

### Content Protection

DIVArchive protects content by creating multiple copies of an asset. These copies can be on any combination of media and then externalized from the library and stored at another location. Content can also be replicated to DIVArchive systems at remote locations using the DIVAnet option.

### Partial Restore

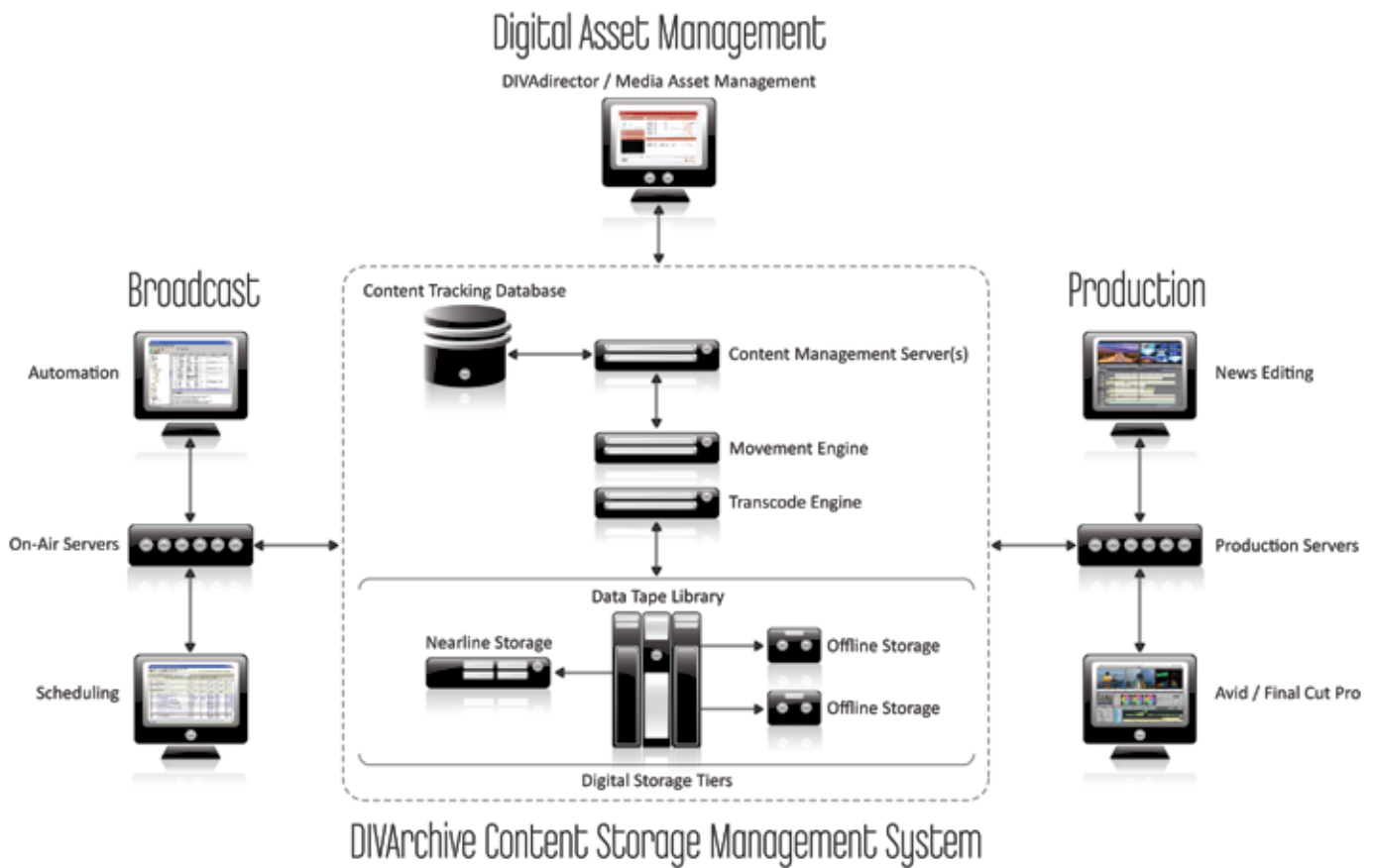
DIVArchive is capable of frame-accurately restoring only a portion of stored content. You can even restore "on the fly" while reading from a data tape to minimize any delay in retrieving content. The partial restore function saves time and resources when only a small portion is needed from a large content file such as when used to support editing systems or MAM applications.

### Maintenance and Support

DIVArchive is designed with high availability and ease of maintenance in mind. You don't need to stop the DIVArchive system when replacing or servicing external components such as tape drives, disks, and servers. Dual system managers are typically supplied for redundancy and to enable maintenance or software upgrades with minimal disruption.

An SNMP option is available which will connect DIVArchive alarms and status into your facilities' existing monitoring system.

Front Porch Digital provides 24x7 phone support and can remotely access your system using a secure VPN connection. Our ability to respond quickly helps guarantee the health of your valuable content archive.



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