

Streamline Multisite Live Production and Collaboration with Mediaflux® Real-Time and Dell

Key Advantages

Edit Anywhere

No longer tethered to event locations, editors can access growing files from any site, enabling real-time collaboration across multiple locations.

Fast Turnaround

Remote editors can create highlight reels or start editing live footage almost instantly, cutting post-production time dramatically.

Improve Efficiency

Play back content in real-time across sites, ensuring faster workflows and higher productivity.

In fast-paced environments such as live sports production and media entertainment, editors often need to access live, growing video files as they are being recorded. Traditionally, this workflow relies on accessing these files from a single location, which can create bottlenecks and delays. Mediaflux transforms this process by enabling real-time replication of live growing files, allowing editors to access and work on content from anywhere.

Arcitecta's Mediaflux platform, combined with Dell PowerScale and ECS, revolutionises growing file management by enabling editors to work with files in real-time, even while they are still being created. Within Mediaflux, Livewire— a high-performance data transfer module that securely moves millions or billions of files at light speed— further accelerates workflows, empowers remote collaboration, and minimises downtime, delivering unmatched speed and efficiency for hybrid production environments.

Why It Matters

Today's hybrid production environments demand immediate access to content for live productions and rapid post-event workflows. Editors working remotely often experience delays due to slow transfers and playback speeds, which extend the time to produce the final product. Mediaflux eliminates these bottlenecks, enabling teams to work faster and smarter.

Key Features

Support for Growing Files

- Work with files as they're being written to disk.
- Begin transferring files while they are still growing, allowing immediate access and editing.

Livewire Technology for Efficient Transfer

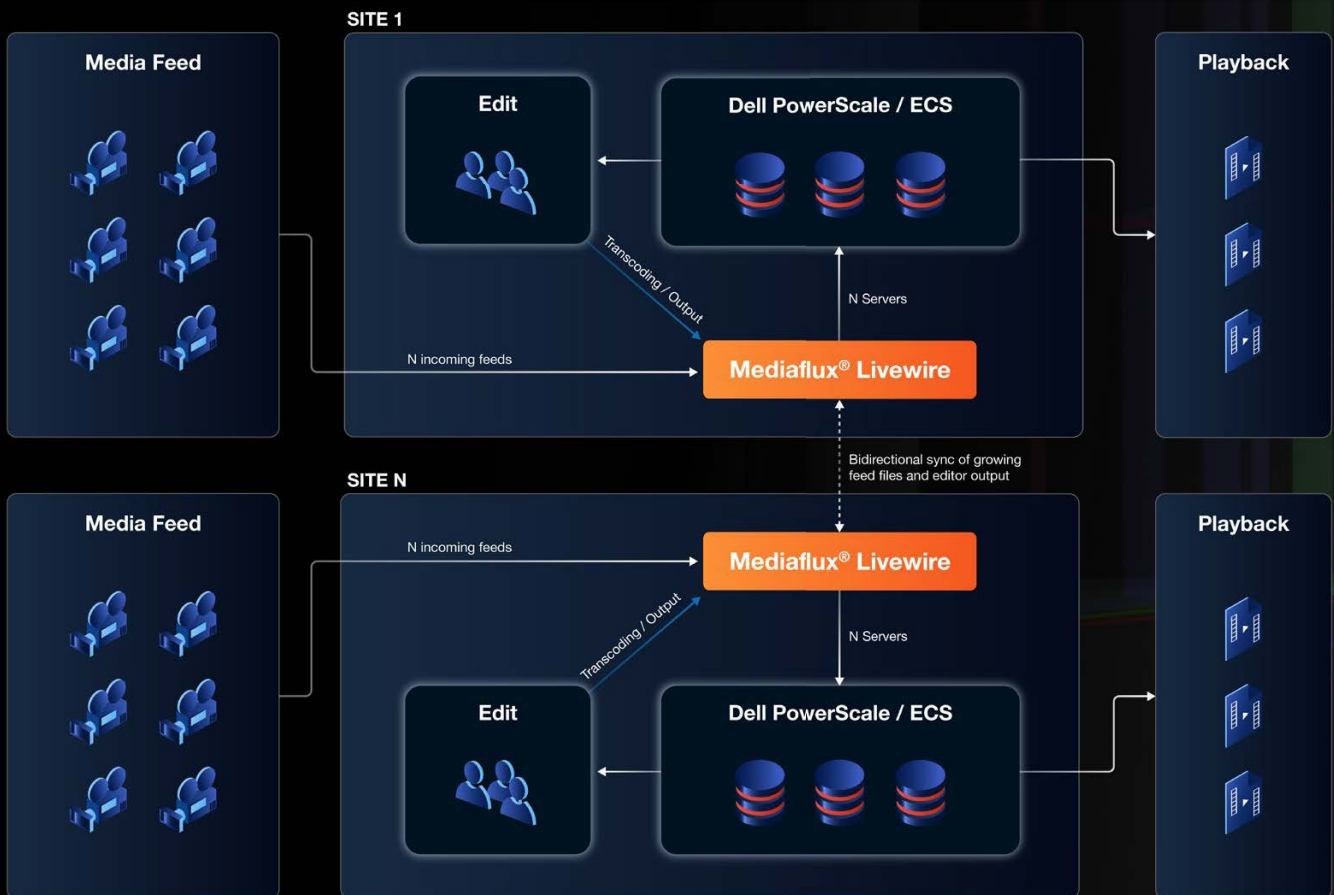
- Maximise bandwidth usage with advanced transport protocols for accelerated transfers over any IP network.
- Checkpoint restart ensures interrupted transfers resume seamlessly, minimising disruptions.

Remote Editing & Collaboration

- Enable remote editors to access and edit footage in real-time, reducing post-production time and costs.

Centralised Transfer Management

- Monitor and control file transfers with real-time visibility through a centralised system or API integrations.



Optimising Growing File Management

- **Centralised Content Management:** Organise storage and metadata for easy access and retrieval.
- **Network Optimisation:** Ensure reliable infrastructure for handling large file transfers.
- **Collaboration Tools:** Use version control and integrated feedback systems to enhance teamwork.
- **Security and Cost Efficiency:** Protect sensitive files with encryption and access controls while optimising storage usage.



Conclusion

With Arcitecta Mediaflux and Dell, your production workflows gain unparalleled speed, flexibility, and efficiency. From live sports to hybrid production environments, our solution supports real-time editing, improves efficiency, and enhances remote collaboration. Gain a competitive edge with faster content delivery and seamless media management.

Key Outcomes

- Increased productivity with real-time file access.
- Lower costs through streamlined workflows and reduced production delays.
- Enhanced collaboration with teams working across multiple sites in real-time.

Deliver more feeds to more sites, empower remote editing, and enable playback from any location—all with improved and maximised efficiency. **Mediaflux and Dell: Redefining growing file management for hybrid production environments.**

Arcitecta + Dell Technologies: Better Together

It shouldn't matter where these data workflows occur – joint solutions from Arcitecta and Dell Technologies deliver data where it's needed at the right time. Arcitecta's pioneering metadata and data orchestration tools coupled with Dell Technologies' powerful, industry-trusted infrastructure enable a global distributed edge that stays simple and performant, no matter the complexity of your workflows.

About Arcitecta

Arcitecta has been crafting highly advanced platforms since 1998. Today, Arcitecta is transforming data management and backup with Mediaflux, a rich end-to-end data fabric that simplifies data-intensive workflows in petabyte-scale environments to improve business and research outcomes. Mediaflux unifies data management processes into a single platform, simplifying the administration of big data and allowing world leaders to solve some of the most challenging problems on the planet.

About Dell Technologies

Dell Technologies is a trusted leader in media and entertainment storage for content creators, broadcasters, and content delivery providers. Dell Technologies storage forms the foundation of a simple and future-proof infrastructure, giving you the agility to transform business operations, and the flexibility to adapt to new media workflows. Through innovative products and services, Dell Technologies accelerates the creation and monetisation of media, helping media professionals store, manage, protect, and analyse their most valuable digital media.

