ADOBE ANYWHERE FOR VIDEO AND EMC ISILON SCALE-OUT NAS

A scalable content creation infrastructure for next generation media and entertainment workflows

ESSENTIALS
Benefits/Features
- Complementary platforms designed to scale predictably as your workflow grows.
- Consolidates storage and rendering compute resources into commodity data center hardware
- Eliminates the need for Fibre Channel infrastructure and high-speed Ethernet client connections

REVOLUTIONIZING REAL-TIME, COLLABORATIVE VIDEO PRODUCTION
Adobe® Anywhere provides an advanced, high-performance clustered compute infrastructure that meets the requirements for next-gen media workflow collaboration by moving costly post-production compute and storage resources from the edit suite to the data center. The Adobe Anywhere solution runs on a cluster of standard, off-the-shelf servers running Microsoft® Windows Server 2008 R2® with NVIDIA® Graphics Processing Units (GPUs).

Adobe Premiere Pro and Prelude users can utilize low-cost desktop computers and laptops to ingest, annotate, and edit full resolution media files in their native camera formats. Adobe Anywhere users are able to work using fully featured and familiar versions of Adobe Premiere Pro and Prelude, without the need for proxies or high-speed network connections.

A MATCH MADE IN HEAVEN
The complementary architectures of Adobe Anywhere and EMC® Isilon® scale-out network-attached storage (NAS) allow your organization to predictably and cost-effectively grow your production environment without costly infrastructure changes or downtime. Simply add another Adobe Anywhere node to the cluster as additional editors and artists are added to your workflow.

As you add additional compute resources to your infrastructure, scaling high-performance media data storage capacity and bandwidth is also straightforward. The EMC Isilon X-series, S-Series, HD-Series, and NL-Series nodes can be combined to provide just the storage you need, when you need it. Additional EMC Isilon platform nodes are added to the cluster with literally the push of a button—the EMC Isilon OneFS® clustered operating system automatically scales bandwidth and capacity, dramatically simplifying growth over traditional SAN technologies.

Most traditional storage systems are based on a “head” and “shelf” architecture where the “head” provides a fixed capacity for network throughput. EMC Isilon scale-out NAS increases network throughput as additional nodes are added to the cluster, eliminating the restrictions of the head and shelf model. In addition, EMC Isilon customers can scale bandwidth and NAS cache without adding capacity by adding EMC Isilon A-series performance accelerator nodes to the cluster.

REDEFINE
SOLUTION OVERVIEW
Adobe Anywhere compute nodes connect to the EMC Isilon cluster over a high-performance 10 Gigabit Ethernet network using the standard SMB network file sharing protocol, eliminating the need for proprietary media storage client access licenses.

The modular, tiered storage architecture of EMC Isilon builds a single, low-maintenance network drive volume that is used in a number of concurrent media workflows. The EMC Isilon SmartConnect® load balancing feature allows you to create zones of 1 Gigabit or 10 Gigabit Ethernet interfaces from multiple EMC Isilon nodes to provide dedicated bandwidth to the Adobe Anywhere cluster. Other nodes in the cluster may then be provisioned into additional SmartConnect zones dedicated to SMB, NFS, HTTP(S), or FTP(S) connections from your existing Media Asset Management (MAM), transcode, or other workflow services. For more information, please visit http://www.emc.com/isilon

**BEST OF BREED WORKFLOW**

Modern video production workflows require next-gen workflow tools. Producers, editors and artists demand tools that allow them to work virtually anywhere, at any time, without constricting the features of their application. The Adobe Mercury Streaming Engine and the Adobe Anywhere cluster allow your team to work without proxies, rendering, or file transfers. Break free from the shackles of antiquated, proprietary editing platforms and adopt a next-gen infrastructure based on open protocols. The Adobe Anywhere REST-based API enables easy integration with products from mutual Adobe/EMC partners like Axle Video®, FilmPartners®, Sienna®, and Vizrt.

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