Introducing vSAN: The easy and powerful enterprise-class Shared Storage Workflow Metadata Controller for content-centric and rich media workflows

Content producers looking for ease of use, maximum uptime, and high-performance now have a superior alternative to expensive and complex products that are poorly suited to Media & Entertainment budgets and workflows.

VSAN offers High Availability for mission-critical workflows, unlimited performance potential, and massive scalability for the most demanding rich media and enterprise applications. Add optional project management and data life-cycle tools to create a complete media-centric workflow system.

When you are offering high-end DI & Finishing work for premium produced content, broadcasting around the clock, or sharing high quality content across your organization, every second of downtime impacts your business. Your infrastructure needs High Availability with failover so production never stops, as well as maximum performance and bandwidth so everything just works.

Harness the intelligence and automation of vSAN to the high speed storage and network you need, and get the High Availability, customization, flexibility, capacity, and performance for non-stop high-resolution, large team production including 4k workflows. Further increase performance and uptime with productivity-boosting automatic defragmentation and file sequence optimization.

vSAN is a high specification appliance that supports all your creative apps running on Mac, Windows and Linux OS. Optional projectStore PRO makes multi-user collaborative workflows easy, and provides Avid emulation and advanced permissions control. vSAN works with the storage and network fabric of your choice, and you can use Active Directory for convenient permissions management. vSAN makes it easy to set up shared storage workflows that let you focus on your business, not on system maintenance.

With just a few clicks, create a powerful shared storage network, to share media and metadata among users and suites, and collaborate on projects. Easily manage your SAN with a simple web UI, and let vSAN automatically handle file system and sequence defragmentation for maximum performance, productivity, and uptime, and superior ROI.

To form a complete workflow system that handles project management and data life-cycle management, vSAN supports projectStore PRO and Replication & Tiering. vSAN is compatible with off the shelf storage, and supports Ethernet and Fibre Channel, and so provides users and administrators with enormous flexibility in their configurations.
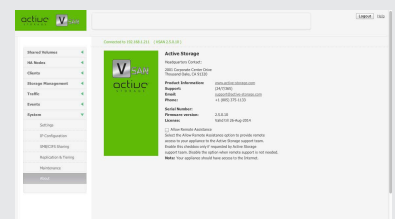
Storage Evolved

Some of the most recognizable media and creative brands in the world choose Active Storage because we understand their needs and deliver solutions they can rely on.

Active Storage is the innovative storage leader for broadcast, post-production, online and archive solutions. Fast, reliable, and easy to deploy, Active Storage delivers a best-of-breed user experience, award-winning industrial design and customer service. Ease of use and robust performance make Active Storage the first choice for complex storage deployments.

Ultimate Performance & Capability

Enterprise-class appliance

High Availability – redundant metadata controller, power supply, cooling

Automatic Defragmentation

Automatic File Sequence Optimisation

File Security – Active Directory Support

Storage Pooling & Scaling

Centralized, Floating Licensing

Event notification

Unlimited connections support

Hardware Monitoring and Reporting

Optional projectStore PRO multi-user project management with Avid FS

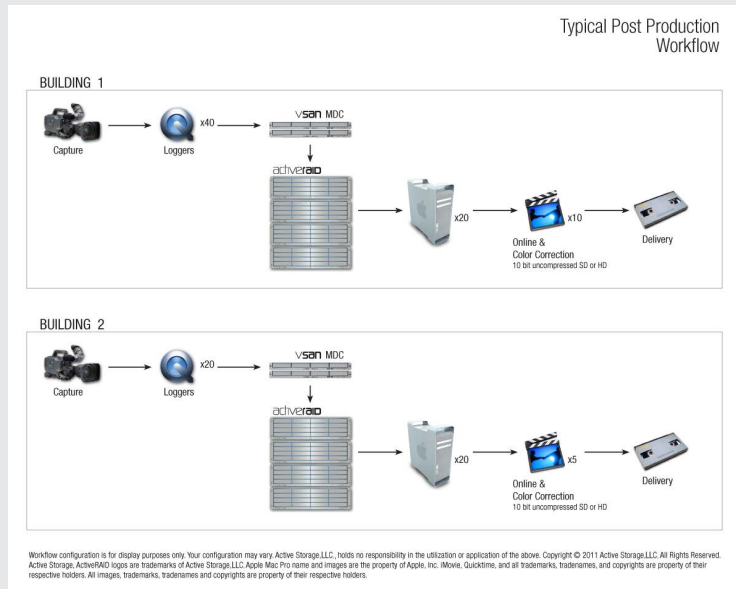Optional Replication & Tiering for backup

Technical Specifications

- 1U rack-optimized enclosure
- Intel® Xeon® Quad-Core processor
- 12GB 1066MHz DDR3 ECC Memory
- 1 available 16 lane PCI Express slot
- Dual port 8Gb Fibre Channel Card with SFPs
- Mirrored hot swap 1TB Hitachi enterprise-class SATA hard drives
- Redundant hot swap 710W auto-sensing power supplies

- 4x USB 2.0 ports (2 front, 2 rear)
- 2x GbE ports
- 1x Serial port (for UPS support)
- VGA graphics port
- Lights-out-management via Active Viewer
- Active Viewer, part of the Active Storage Management Suite
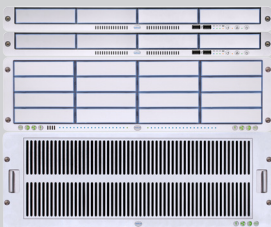- Rack rail kit with hardware

vSAN is backed by our world-class support. If you should ever have a question or problem, help is available 24/7/365 by phone and through our online support portal.

Typical Post Production Workflow

Workflow configuration is for display purposes only. Your configuration may vary. Active Storage,LLC, holds no responsibility in the utilization or application of the above. Copyright © 2011 Active Storage,LLC. All Rights Reserved. Active Storage, ActiveRAID logos are trademarks of Active Storage,LLC. Apple Mac Pro name and images are the property of Apple, Inc. iMovie, Quicktime, and all trademarks, tradenames, and copyrights are property of their respective holders. All images, trademarks, tradenames and copyrights are property of their respective holders.

vSAN is a fully integrated metadata controller solution consisting of an innovative Intel® Xeon® server-based appliance that features a straightforward design for easy installation and serviceability.

vSAN systems are delivered as a matched pair of appliances. Each is identical and offers the full reliability that comes with no single point of failure.

vSAN combines stunning Active Storage, Inc. product design and the rock-solid performance and reliability of the Intel® Xeon® platform in a 1U rack form factor.

M media PLATFORM

mMedia is more than a collection of components, it's a complete media creation storage platform that stores and manages content from ingest to archive.

mMedia Platform is powerful yet simple. As a building block technology, the mMedia Platform provides all the components needed to build end-to-end workflows. And because mRAID is the heart of the mMedia Platform, future applications can meet future needs.

The combination of vSAN, mRAID and mVault can meet any online media production challenge. Nothing can scale to more users, greater resolutions or higher throughputs, all with the lowest latency and easiest deployment and management, using all the production tools and asset management software you are using today.

The mMedia Platform can manage your content from ingest to petabytes of content archive. You will not only have disk performance from your archive, but at a much lower cost and much smaller footprint than typical primary storage.

	vSAN
Suggested Retail	$36,999 (per pair) unlimited capacity & client licenses for Mac, Windows and Linux
Max. Clients	15
Processor	Intel® Xeon® Quad-Core E5620 2.4 GHz
Memory	12GB 1066MHz DDR3 ECC
Storage	2x 1TB 7200 RPM enterprise-class SATA
Graphics	On-board VGA
Interfaces	2x 8Gb Fibre Channel, 4x USB 2.0, 2x Gb Ethernet, 1x RS232 (UPS)
Technical Support	3-year – 24/7/365 phone and e-mail support
Warranty	3-year hardware replacement

*Suggested MSRP in US Dollars for the North America. Pricing in other currencies and locales may differ to reflect local exchange rate and shipping. Please contact your reseller or Active Storage for more information for your region.