

Avid Unity MediaNetwork and LANshare EX

High-performance, collaborative shared storage solutions

The Avid Unity™ family of shared storage solutions continues to set standards in real-time performance, configuration flexibility, and ease of use, with a broad range of models and options to accommodate a wide variety of workflow needs. Avid Unity MediaNetwork solutions enable high-resolution media sharing as well as real-time HD collaboration using Avid DNxHD™ encoded media, while Avid Unity LANshare EX systems are streamlined for offline editing using low-resolution media. The entire family offers the proven Avid Unity file system architecture, UnityRAID™ media protection, and unmatched support for Avid editing systems. Avid Unity is a reliable, scalable, foundation on which to build your facility's editing and finishing workflows.



- POWERFUL ○ COLLABORATIVE ○ SCALABLE
- RELIABLE ○ FLEXIBLE

Avid Unity MediaNetwork and LANshare EX

Unlike standard storage area networks, Avid Unity systems offer true frame-level media sharing, so collaboration is simultaneous and productivity is increased.

Avid Unity MediaNetwork and Avid Unity LANshare EX systems combine the most reliable storage and networking hardware with the industry's most innovative, intuitive management software to accelerate production cycles and expand creative collaboration. An Avid Unity solution streamlines workflow through exclusive features such as MultiWrite true frame-level collaboration; FlexDrive on-the-fly storage allocation; and support for simultaneous sharing of media by Macintosh, Windows, Fibre Channel, and Gigabit Ethernet clients.



Start with as few as two clients and 100 GB of storage or scale all the way up to 60 or more clients and 20 terabytes of storage per system. Affordable Avid Unity LANshare EX configurations offer outstanding price/performance, while high-bandwidth Avid Unity MediaNetwork systems escalate the power of your network as you add storage. With third-generation software, media protection, file redundancy, automatic recovery of failing drives in the background, and an infrastructure tested for millions of hours both by Avid and in the field, the Avid Unity family provides reliable, industry-proven solutions that can accelerate virtually any size facility.

With UnityRAID protection, you can switch protection on and off at any time – even after files have been written and UnityRAID actually accelerates client performance.

- o With FlexDrive you can resize virtual storage partitions (workspaces) dynamically without destroying media or interrupting work.
- o With MultiWrite, any combination of supported clients can simultaneously write or read media in the same workspace.

Unparalleled real-time performance, scalability and reliability

Avid Unity MediaNetwork

Designed specifically for dynamically storing and sharing high-bandwidth, high-resolution media, an Avid Unity MediaNetwork solution is ideal for collaborative HD production using mastering-quality, high-efficiency Avid DNxHD encoded media. Built on Avid's highly optimized file system architecture, Avid Unity MediaNetwork delivers a full range of uncompressed and compressed media in real time, while enabling editing, finishing, audio, and graphics work to take place at the same time—using the same media files—in a shared workspace.

The reliability of Avid Unity MediaNetwork is proven every day in over 2,500 mission-critical installations around the world. It is loaded with features that ensure your media network is always on line, always optimizing your productivity. UnityRAID protection exceeds that of standard RAID schemes by providing protection at the workspace or drive level while increasing system performance. The MEDIArray™ ZX storage system provides enhanced diagnostics to identify problem drives and enables hot failover to a designated spare drive, allowing it to ride through any drive failure. The AutoRecover feature automatically recovers data in the background from failing drives, and AutoFailover for the File Manager provides fault tolerance, ensuring that the system stays up and running.



Avid Unity MediaNetwork

Cost-effective media sharing for smaller workgroups



Avid Unity LANshare EX

DID YOU KNOW?

- Avid Unity LANshare EX is no ordinary LAN—it's a SAN that operates over Fibre Channel and Ethernet.
- Avid Unity LANshare EX offers complete support for Avid Productivity Tools, including Avid Unity MediaManager and Avid Unity TransferManager.

Avid Unity LANshare EX

Avid Unity LANshare EX systems bring the benefits of shared storage to a wide range of small- to mid-sized media facilities, including film and offline editing, rental shops, newsrooms, schools, Web content developers, and corporate media departments. Cost-effective LANshare EX systems are packed with 4 TB of storage (expandable to 6.88 TB). They support both high-bandwidth Fibre Channel and low-cost Ethernet interfaces in a compact, all-in-one server and storage chassis, and offer a flexible environment for both offline and online finishing editing systems.

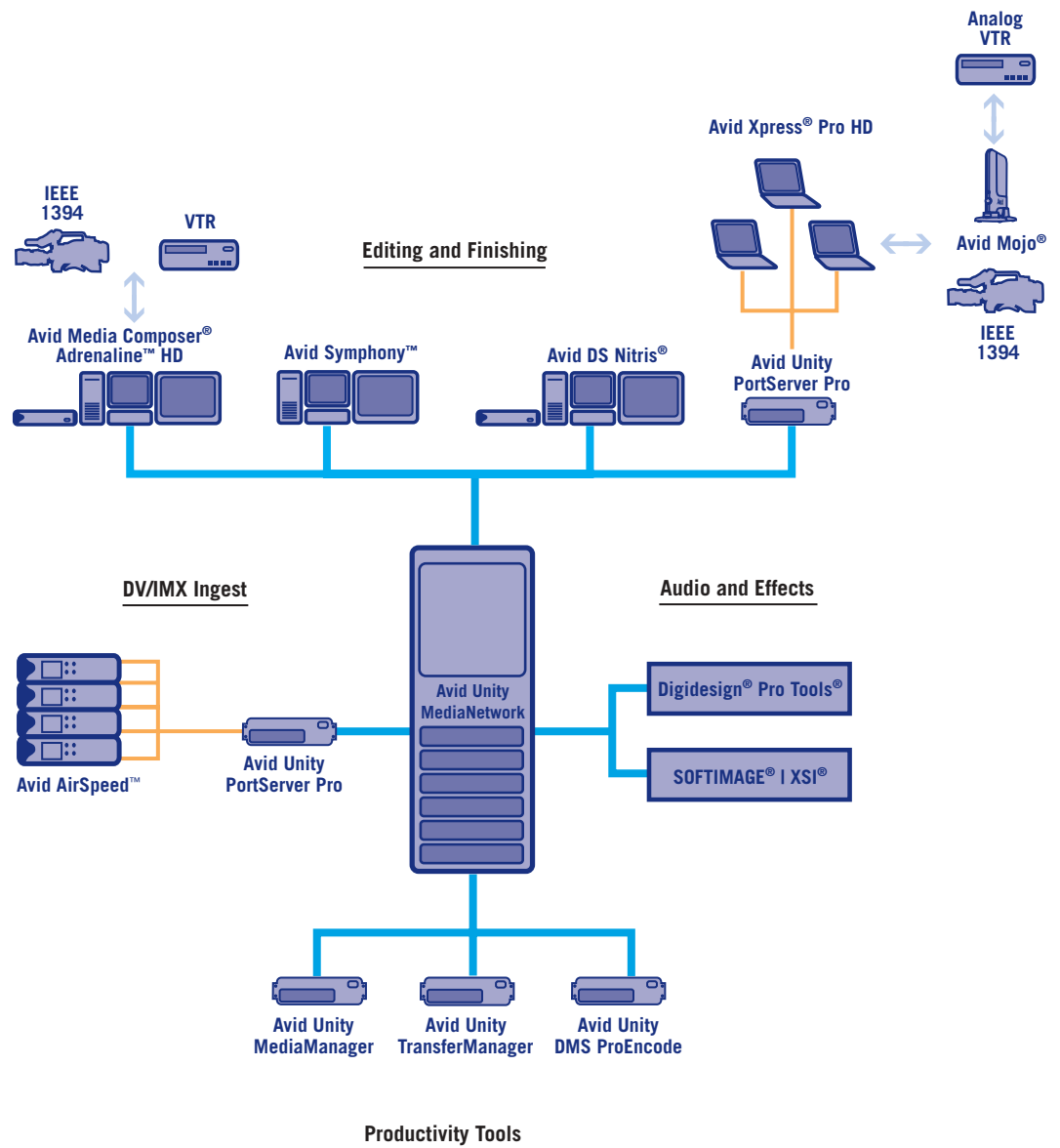
Real-time collaboration through MultiWrite, dynamic storage allocation using FlexDrive, and the security of UnityRAID media protection are all features of Avid Unity LANshare EX systems. What's more, these systems offer the proven reliability of the Avid Unity file system architecture. And because they are preconfigured, compact, and require minimal technical know-how, Avid Unity LANshare EX systems are easy to install and easy to own.

DID YOU KNOW?

- Avid Unity PortServer technology lets Ethernet-attached systems access the MediaNetwork workspace and can be used to optimize the use of Fibre Channel ports and to connect nonstandard operating systems such as SGHRX.
- Avid Unity MediaNetwork systems let you replace data drives with a simple menu command and recover data without interrupting operations.

The Industry's most powerful media networks

An Avid Unity solution is the backbone of today's fast-paced, high-output media production environment. Digitize, organize, and share media quickly and easily. Have more creative time to edit, review, and finish projects. Deliver and distribute your work using background resources. Avid Unity systems let you start small and grow your network as your business grows and give you the power, flexibility, and investment protection you need to succeed in today's rapidly changing marketplace.



- Fibre Channel
- Gigabit Ethernet
- ↔ Device Interface

Avid Unity MediaNetwork and LANshare EX

Which Avid Unity System Is Right for You?

Feature	Avid Unity LANshare EX	Avid Unity MediaNetwork
Number of Real-time Clients	Up to 20	Up to 60
Supported Clients and Resolutions	All resolutions, from DV to HD, for example: <ul style="list-style-type: none"> Up to 3 dual-stream clients at Avid DNxHD 145 Up to 2 dual-stream client at 1:1 10-bit SD Up to 5 dual-stream clients at 2:1 Up to 20 single-stream clients at DV25 	All resolutions, from DV to HD, for example: <ul style="list-style-type: none"> Up to 15 dual-stream clients at Avid DNxHD 145 Up to 8 dual-stream clients at 1:1 10-bit SD or Avid DNxHD 220 Up to 24 dual-stream clients at 2:1 Up to 60 single-stream clients at DV25
Interconnection	Ethernet (100 BaseT, Gigabit), Fibre Channel (2Gb)	Ethernet (100 BaseT, Gigabit), Fibre Channel (1Gb, 2Gb)
Total Available Bandwidth	~100 MB/sec	~840 MB/sec
Video Subsystem Support	Avid DNA™, ABVB, Meridien™	Avid DNA, ABVB, Meridien
Total Amount of Storage	4 TB, expandable to 6.88 TB	Up to 14.3 TB (MEDIArray II) or up to 20 TB (MEDIArray ZX)
Protection Features	UnityRAID (optional), AutoRecover	UnityRAID (optional), AutoRecover, AutoFailover
Avid Productivity Tools Support	MediaManager, TransferManager, DMS ProEncode, Media Station XL	MediaManager, TransferManager, DMS ProEncode, Media Station XL, NetReview™
Avid Editing Applications and Versions	Avid Xpress v2.2, v4.6 and up (Ethernet attached); Avid Xpress Pro v4.1 and up (Ethernet attached); Avid Xpress Pro HD v5.0 and up (Ethernet attached); Media Composer and Film Composer® v7.2, 10.6 and up; Media Composer Adrenaline v1.1 and up; Media Composer Adrenaline HD v2.0 and up; NewsCutter Adrenaline v5.1 and up; NewsCutter Effects v2.6 and up; NewsCutter XP and XP Mobile v2.1 and up; Symphony v3.6 and up	AvidIDS v6.01 and up; Avid DS Nitris v7.0 and up; Avid Xpress v2.2 and up; Avid Xpress Pro v4.1 and up (via PortServer Pro); Avid Xpress Pro HD v5.0 and up (via PortServer Pro); Media Composer and Film Composer v7.2 and up; Media Composer Adrenaline v1.1 and up; Media Composer Adrenaline HD v2.0 and up; NewsCutter Adrenaline v5.1 and up; NewsCutter Effects v2.0 and up; NewsCutter XP and XP Mobile v1.0 and up; Symphony v2.1 and up
Digidesign Pro Tools Support	Currently no real-time support (file transfers only)	Real-time support for up to 9 systems, both MIX™ and HD hardware, with AVoption™ XL
Administration and Monitoring	Full support, access to Administration tool through Fibre Channel attached client systems; ScheduALL integration (for storage billing and accounting)	Full support, access to Administration tool through Fibre Channel attached client systems; ScheduALL integration (for storage billing and accounting)

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