

Migrating from Avid Unity MediaNetwork to ISIS | 5500



ISIS® | 5500 is the next-generation of reliable, high performance Avid® real-time shared storage. Built on industry-leading ISIS software technology, ISIS | 5500 defines a new value benchmark with greater flexibility, ease of use, and clear migration path for a wide range of Avid Unity™ MediaNetwork post production, broadcast, education, government and commercial users.

ISIS | 5500 includes several new tools to simplify system set up, usage, and administration and allow Avid Unity MediaNetwork customers to smoothly transition to ISIS | 5500. An example of these is the ISIS | 5500 Data Migration Utility (pictured below) which enables quick, logical movement of media from an Avid Unity MediaNetwork to ISIS | 5500 system.

Further, the Comparative Features Table on the next page provides a quick reference to similarities and several significant differences between ISIS | 5500 and Avid Unity MediaNetwork shared storage systems.

The screenshot shows the Avid ISIS Data Migration Utility interface. It is divided into several sections:

- Select Data Migration Path:** A table with columns: Select, Workspace, Allocation Group, Usage, Allocated, Destination, Last Migration, and New File. Callout 1 points to the Allocation Group column, and callout 2 points to the Workspace column.
- Verify and Move Data:** A table with columns: Storage Group, Capacity, Total Data, Workspaces, and Trans. Time. Callout 3 points to the Storage Group column.
- Transfer Queue:** A table with columns: Workspace, Transferring to..., Progress, Files Transferred, Files Failed, Remaining Time, and Status. Callout 4 points to the Start icon in the top right of the queue area.
- Progress Monitor:** A callout at the bottom points to the Progress column in the Transfer Queue table.

Select	Workspace	Allocation Group	Usage	Allocated	Destination	Last Migration	New File
<input type="checkbox"/>	Big	Allocation Group1	276.50 GB	1.95 TB	storage group		
<input type="checkbox"/>	Editor	Allocation Group1	155.12 GB	500.00 GB	storage group		
<input type="checkbox"/>	Gus	Allocation Group1	0.00	1.00 GB	storage group		
<input checked="" type="checkbox"/>	Jim	Allocation Group1	3.46 GB	500.00 GB	storage group	7/19/2011 5:00:53 PM	
<input type="checkbox"/>	Mac	Allocation Group2	1.39 GB	100.00 GB	storage group	7/19/2011 5:18:44 PM	
<input type="checkbox"/>	NewTest	Allocation Group1	15.49 GB	100.00 GB	storage group		
<input type="checkbox"/>	ReadOnlyWS	Allocation Group1	5.00 MB	5.00 GB	storage group	7/19/2011 5:28:27 PM	
<input checked="" type="checkbox"/>	Small	Allocation Group1	148.00 MB	10.00 GB	storage group	7/19/2011 5:28:29 PM	
<input checked="" type="checkbox"/>	Thousand	Allocation Group1	9.77 GB	15.00 GB	storage group		
<input checked="" type="checkbox"/>	UnMirrored	Allocation Group1	102.91 GB	1000.00 GB	storage group		
<input type="checkbox"/>	Workspace	Allocation Group2	0.00	14.16 TB	storage group		
<input type="checkbox"/>	WS16	Allocation Group2	395.00 MB	100.00 GB	storage group	7/19/2011 5:28:35 PM	

Storage Group	Capacity	Total Data	Workspaces	Trans. Time
storage group	Pass	116.29 GB	4	00:21:18

Workspace	Transferring to...	Progress	Files Transferred	Files Failed	Remaining Time	Status
ReadOnlyWS	storage group	100%	5	0	00:00:00	Completed
Small	storage group	100%	13	0	00:00:00	Completed
WS16	storage group	100%	396	0	00:00:00	Completed
Mac	storage group	13%	8	0	00:00:11	Transferring

Migrating from Avid Unity MediaNetwork to **ISIS** | 5500

Avid **ISIS** | 5500 and Avid Unity MediaNetwork Feature Reference

Feature	ISIS 5500-16	ISIS 5500-32	ISIS 5500-64	Unity	
Total Drive Capacity*	16–192 TB	32–384 TB	64–768 TB	8–128 TB	
Storage Capacity (RAID-5 protected*)	12–144 TB	24–288 TB	48–576 TB	4–64 TB	
Drive Capacities (Raw)	1 TB	2 TB	4 TB	500 GB/1 TB	
Chassis Size	3 RU	3 RU	3 RU	3 RU	
Concurrent Client Count	90	90	90	46	
Client License Fee	No	No	No	Yes	
Support included in price	Yes	Yes	Yes	No	
Max Resolution	**4K/Ultra HD collaboration	**4K/Ultra HD collaboration	**4K/Ultra HD collaboration	10 bit (1080i)	
Chassis Interconnect	10 G Ethernet	10 G Ethernet	10 G Ethernet	4 G Fibre Channel	
Client Connection	1 G Ethernet (single/dual) and 10 G Ethernet	1 G Ethernet (single/dual) and 10 G Ethernet	1 G Ethernet (single/dual) and 10 G Ethernet	4 G Fibre Channel	
Maximum Stack Size	12 Engines	12 Engines	12 Engines	8 Chassis	
Media Redundancy	HW RAID 5 (hot spare)	HW RAID 5 (hot spare)	HW RAID 5 (hot spare)	SW Mirroring	
Mirrored Boot Drives	Yes	Yes	Yes	Yes	
Power Supply Redundancy	Yes	Yes	Yes	Yes	
Cooling Redundancy	Yes	Yes	Yes	Yes	
File Gateway Services	Yes	Yes	Yes	Yes	
System Administration Tools	Web GUI (Advanced)	Web GUI (Advanced)	Web GUI (Advanced)	GUI (First generation)	
File Count	8 Million	8 Million	8 Million	500K	
Resilient System Director	Yes	Yes	Yes	MN4 only	
Standardized Windows User Account Management (LDAP)	Yes (Native also provisioned)	Yes (Native also provisioned)	Yes (Native also provisioned)	No (Native Only)	
Data Migration Utility	MN to ISIS 5500 (and ISIS 5000)	MN to ISIS 5500 (and ISIS 5000)	MN to ISIS 5500 (and ISIS 5000)	No	
Switch Vendors	Dell/Cisco	Dell/Cisco	Dell/Cisco	QLOGIC Fibre Channel	
Switch Interconnects	Optical/Copper	Optical/Copper	Optical/Copper	Optical	
Real-Time Support**	Windows & Mac Clients	WIN 8, OS X, Red Hat Linux	WIN 8, OS X, Red Hat Linux	WIN 8, OS X, Red Hat Linux	WIN7, OS X
	Avid Editors	Media Composer, Media Composer NewsCutter® Option, Media Composer Symphony® Option, DS, Pro Tools	Media Composer, Media Composer NewsCutter® Option, Media Composer Symphony® Option, DS, Pro Tools	Media Composer, Media Composer NewsCutter® Option, Media Composer Symphony® Option, DS, Pro Tools	Media Composer, Media Composer NewsCutter® Option, Media Composer Symphony® Option, DS
	Avid Interplay® Production	Yes	Yes	Yes	Yes
	AirSpeed® 5000	Yes	Yes	Yes	No
	Apple Final Cut Pro 7	Yes	Yes	Yes	Yes
	Adobe Premiere Pro CS 6	Yes	Yes	Yes	Yes

* ISIS | 5500 provides RAID-5 protected media storage; raw capacity shown for comparison only

** ISIS | 5500 now supports 4K and Ultra HD collaborative workflows, more third-party applications including Smoke, Final Cut Pro X, and DaVinci Resolve, and a wide variety of high-res media formats including REDCODE 5K, 4K DCI (DPX), ProRes, XAVC, and Sony F55 RAW 4K.

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For more information, visit www.avid.com/ISIS5500