



Avid NEXIS®

ReadMe Version 2026.6.0

Avid recommends that you read all the information in this ReadMe thoroughly before installing software or attempting to use the Avid NEXIS system. This ReadMe provides information that is not in the other Avid NEXIS documentation.

This ReadMe provides hardware and software requirements, an overview of the major features of this release, and limitations and known issues. See the appropriate *Avid NEXIS Setup Guide* for information on physical connection of the system and loading the system and client software. You can access the documentation, including previous versions of the ReadMe, from the [Avid NEXIS Documentation](#) page on the Avid Knowledge Base.

 *For information about Avid’s security recommendations specific to Avid products, and our responses to current world-wide security issues, see [Avid Security Guidelines and Best Practices for Dealing with Virus Threats](#).*

For compatibility with other Avid products, see the Knowledge Base page for [Avid Audio and Video Compatibility Charts](#).

 *Avid recommends that you purchase installation services with your Avid NEXIS system.*

Revision History

Date	Version	Changes
August 3, 2026	2026.6.0	Added a note that Kioxia 15TB drives can be mixed with Seagate 15TB drives in an Avid NEXIS F2 SSD.
July 27, 2026	2026.6.0	Added support for macOS Tahoe 26.5 and later Tahoe updates, Apple M5, Windows 11 build 25H2, and Ubuntu 24.04 clients on Avid NEXIS Cloud Storage on Azure
June 30, 2026	2026.6.0	Initial v2026.6.0 publication

Contents

Recommended and Required Releases	3
What’s New in Avid NEXIS 2026.6.0	4
USM Versions	9
Hardware and Software Requirements	11
Supported Upgrade Paths	11
System Director and Client Version Compatibility	12

Supported Client Operating Systems	12
Compatibility with Other Avid Products	14
Third Party Editor Compatibility	14
System Configuration Limits	14
On-Premises System Performance	17
Cloud System Performance	20
Known Issues	23
Special Notes	30

Accessing the Online Documentation

The Avid online documentation contains all the product documentation in PDF format. You can access the documentation from the Knowledge Base site specific to your release. Download and install Acrobat Reader before you access the PDF documentation.

If You Need Help

If you are having trouble using your Avid product:

1. Retry the action, carefully following the instructions given for that task in this guide. It is especially important to check each step of your workflow.
2. Check the latest information that might have become available after the documentation was published. Always check online for the most up-to-date release notes or ReadMe because the online version is updated whenever new information becomes available. To view the online version, visit the [Avid NEXIS Documentation](#) available on the Avid Knowledge Base.
3. Check the documentation that came with your Avid application or your hardware for maintenance or hardware-related issues.
4. Visit the Avid Online Support at www.avid.com/support. Online services are available 24 hours per day, 7 days per week. Search the Knowledge Base to find answers, to view error messages, to access troubleshooting tips, to download upgrades, and to read or join online message-board discussions.

Avid Training Services

Avid makes lifelong learning, career advancement, and personal development easy and convenient. Avid understands that the knowledge you need to differentiate yourself is always changing, and Avid continually updates course content and offers new training delivery methods that accommodate your pressured and competitive work environment.

For information on courses/schedules, training centers, certifications, courseware, and books, please visit www.avid.com/support and follow the Training links, or call Avid Sales at 800-949-AVID (800-949-2843).

Recommended and Required Releases

The newest release is always recommended. The following Avid NEXIS | VFS releases are either recommended or required in the cases listed below.

 According to Avid's Customer Support Contract Terms and Conditions, customers are required to upgrade regularly to benefit from fixes and stability enhancements. It is important to keep the Avid NEXIS infrastructure on a recent release, therefore all customers must plan to upgrade at least once per year to a recommended release from the table below. Avid NEXIS Server and Clients can be upgraded without forcing an upgrade to other Avid and third party devices. See [here for Avid Supported Software Releases \(and end of support dates\)](#).

 *An Avid NEXIS system (server) can be updated before the clients to allow server-only fixes to be deployed faster. We recommend upgrading clients as soon as possible thereafter.*

Avid NEXIS System (Server) and Client Releases

Version	Deployment	Product	Guidance
2026.6.0	On-premises and Cloud	Server and Clients	Recommended for all Avid NEXIS systems and clients. Required for Media Composer v2026.8.0. Includes the following: Support for macOS Tahoe 26.5 and later Tahoe updates; Support for Apple Silicon M5; Support for Windows 11 build 25H2; Windows Client installer changes; Rocky Linux and PKIX certificates support for Avid NEXIS VFS Gateway; System Status History and Avid NEXIS Management API Documentation in the Management Console; Support for Avid NEXIS Ubuntu 24.04 Client on AWS and Azure; Support for 600 active clients on Avid NEXIS Cloud Storage on AWS; Qualification of Kioxia 15TB SSDs.
2025.5.7	On-premises only	Server and Clients	Minimum recommended version for on-premises systems. Resolves an issue in Avid NEXIS v2025.5.5 where an assertion in the Storage Manager leads to Media Pack disconnections.
2025.10.0	On-premises Cloud	Clients only Server and Clients	Support for Ubuntu 24.04 for on-premises clients; Avid NEXIS Remote; Support for Rocky Linux clients in Avid NEXIS Cloud Storage (Azure Nearline and Online); Avid NEXIS Management API Documentation for Cloud systems.

 Avid NEXIS versions 2023.x and 2024.x are no longer recommended for new installations. Avid NEXIS version 2022.x and older are no longer supported.

Avid NEXIS Version Downgrades

Installing an older software version on Avid NEXIS systems is not supported and can result in unforeseen consequences, up to and including data loss.

What's New in Avid NEXIS 2026.6.0

Avid NEXIS version 2026.6.0 is a major release that includes the following features and improvements:

- Support for macOS Tahoe 26.5 and later (built-in adapters only)
- Support for Apple Silicon M5 computers
- Support for Windows 11 build 25H2
- Windows Client Installer Changes
- Rocky Linux Support for Avid NEXIS | VFS Gateway
- Support for PKIX certificates on Avid NEXIS | VFS Gateway systems
- System Status History in the Avid NEXIS Management Console
- Avid NEXIS Management API Documentation Website
- Support for Ubuntu 24.04 Clients on Avid NEXIS | Cloud Storage
- Support for up to 600 active clients on Avid NEXIS | Cloud Storage (AWS)
- Qualification of Kioxia 15TB SSDs as Media Pack drives for Avid NEXIS | F2 SSD
- Avid NEXIS v2026.6.0 and Media Composer 2026.7.0 Compatibility
- Bug fixes and improvements

Support for macOS Tahoe Clients with built-in 1GbE and 10GbE Network Adapters

Avid NEXIS version 2026.6.0 introduces support for macOS Tahoe 26.5 and later. This support applies to on-premises clients running on Apple Silicon (M1-M5) and Intel-based Mac computers with built-in 1GbE, 2 x 1GbE, 10GbE or 2 x 10GbE network adapters. See ["Supported Client Operating Systems" on page 12](#) for more information.

Support for Apple Silicon M5

Apple Silicon M5 computers are supported and qualified starting with Avid NEXIS v2026.6.0.

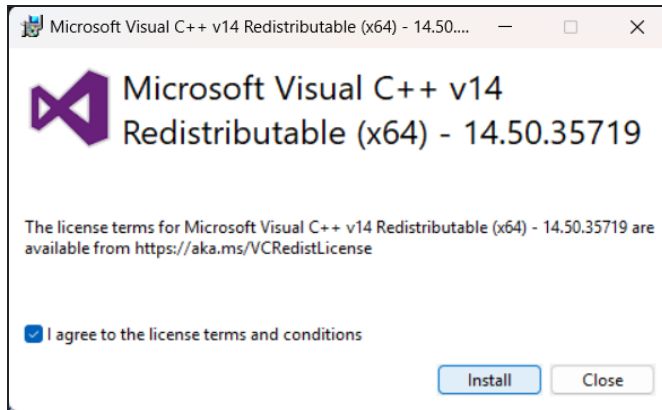
Support for Windows 11 build 25H2

In this release, Avid adds support for Windows 11 build 25H2 for on-premises clients with 1GbE, 2 x 1GbE, 10GbE, 2 x 10GbE, and 40GbE network adapters, and on Avid NEXIS | Cloud Storage on Azure. See ["Supported Client Operating Systems" on page 12](#).

Windows Client Installer Changes

Starting with Avid NEXIS v2026.6.0, the Avid NEXIS Client installer for Windows is provided in an executable (.exe) file format. The installer includes the Microsoft Visual C++ Redistributable package and the Avid NEXIS Client MSI files.

During installation, the installer checks the system for the required Microsoft Visual C++ Redistributable package. If the package is not yet installed, the installer prompts you to install it before the Avid NEXIS Client installation can continue.



For the detailed installation steps, refer to "Installing Client Software on Windows" in the *Avid NEXIS Client Manager Installation and User Guide*, available in the [Avid NEXIS Documentation](#) Knowledge Base.

Rocky Linux Support for Avid NEXIS | VFS Gateway

Avid NEXIS v2026.6.0 introduces support for Rocky Linux as operating system for the Avid NEXIS | VFS Gateway. With CentOS reaching end-of-life in June 2024, VFS Gateway customers are advised to transition to Rocky Linux 9.6 and later. CentOS is no longer supported.



There is no migration tool to move configurations from VFS Gateway on CentOS to Rocky Linux. Customers must deploy a new Avid NEXIS VFS Gateway system when moving to Rocky Linux.



For customers moving from CentOS, you must request a new perpetual license from Avid for use with Rocky Linux. Licenses previously used for VFS Gateway on CentOS will be retired.

Detailed steps for deploying and using VFS Gateway on Rocky Linux are provided in the *Avid NEXIS | VFS Gateway Guide*, available in the [Avid NEXIS Documentation](#) Knowledge Base.

Support for PKIX Certificates on Avid NEXIS | VFS Gateway Systems

Avid NEXIS v2026.6.0 introduces support for PKIX certificates on Avid NEXIS Administration Guide | VFS Gateway systems, enabling secure HTTPS connections.

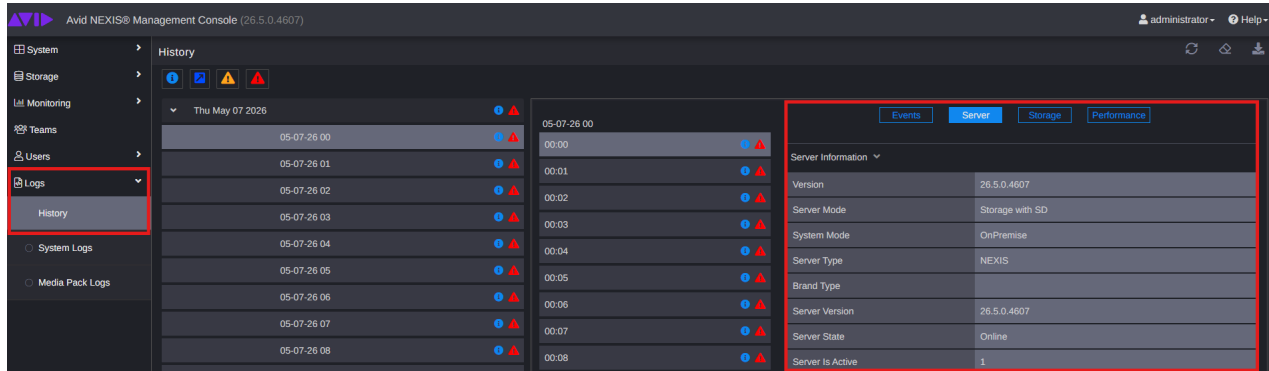
As part of the migration from CentOS to Rocky Linux, certificate handling has also changed from using a prebuilt Avid NEXIS self-signed certificate to customer-installed certificates managed directly within the Rocky Linux system. VFS Gateway customers are now responsible for generating, installing, and maintaining valid certificates on the VFS Gateway system, including renewal and replacement when certificates expire or become invalid.

For more information, see "Adding SSL Certificates" in the *Avid NEXIS | VFS Gateway Guide*, available in the [Avid NEXIS Documentation](#) Knowledge Base.

System Status History in the Avid NEXIS Management Console

The Avid NEXIS Management Console now includes a detailed system status history that captures the state of the Avid NEXIS system at one-minute intervals. The History logs store up to 30 days of system events, server, storage, and performance data, providing information that is useful for troubleshooting and system analysis.

The system status history is available in the Logs section of the Avid NEXIS Management Console.



 In Avid NEXIS v2025.x and earlier, this section was called "Event History" and retained only the past 5 days of system events.

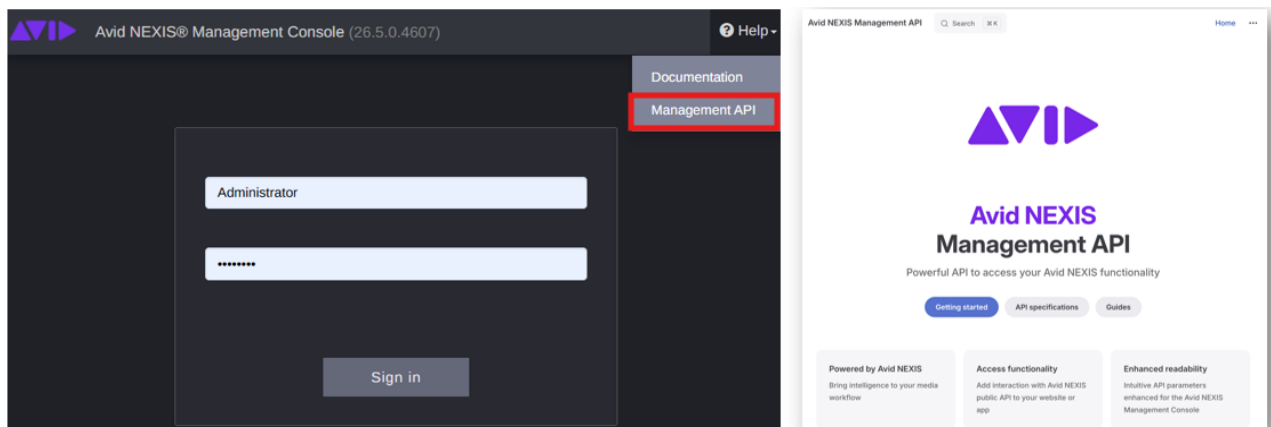
For more information, refer to "Displaying History" in the *Avid NEXIS Administration Guide*, available in the [Avid NEXIS Documentation](#) Knowledge Base.

Avid NEXIS Management API Documentation Website

The Avid NEXIS Management API Documentation is now publicly available at <https://api.nexis.avid.com> and can be accessed from the Help menu of the Avid NEXIS Management Console.

The Avid NEXIS Management API Documentation provides a comprehensive guide to the Avid NEXIS | Management APIs, enabling administrators to perform system administration and storage management functions via REST APIs. It includes endpoints that support CRUD (create, retrieve, update, and delete) operations on the file system, Media Pack, storage group, workspace, user, group, and licensing.

 The Avid NEXIS | Management API is a licensed add-on feature for both subscription and perpetual Avid NEXIS systems.



Support for Ubuntu 24.04 Clients on Avid NEXIS | Cloud Storage

This release adds support for Ubuntu 24.04 as a client operating system for Avid NEXIS | Cloud Storage on AWS and Azure. See ["Supported Client Operating Systems" on page 12](#). For installation and configuration instructions, see the *Avid NEXIS Client Manager Installation and User's Guide* available in the [Avid NEXIS Documentation](#) Knowledge Base.

 The Ubuntu kit does not support the Client Manager GUI.

Support for 600 Active Clients on Avid NEXIS | Cloud Storage on AWS

Avid NEXIS | Cloud Storage on AWS now supports up to 600 simultaneous clients, see the ["System Configuration Limits"](#) on page 14.



Avid recommends using c5.4xlarge EC2 instances for environments with large numbers of active client connections to support scalability and higher file counts.

Qualification of Kioxia 15TB SSDs as Media Pack Drives for Avid NEXIS | F2 SSD

Avid qualifies Kioxia 15TB SSDs for use as Media Pack drives in Avid NEXIS | F2 SSD Engines. Support for these drives requires Avid NEXIS | VFS v2026.6.0 or later.



Kioxia 15TB and Seagate 15TB SSDs can be mixed within the same Media Pack or across separate Media Packs in an Avid NEXIS | F2 SSD system.

For the complete list of Media Pack drive capacities currently supported in Avid NEXIS engines, see the "Media Pack and System Drives" chapter in the *Avid NEXIS Setup and Maintenance Guide*, available in the [Avid NEXIS Documentation](#) Knowledge Base.

Amazon Linux 2 End of Support

Amazon Linux 2 (AL2) reaches End of Life (EOL) on June 30, 2026. Avid NEXIS v2026.6.0 is the last release to support Amazon Linux 2 clients on AWS. Customers running AL2 can upgrade the Client Manager to Avid NEXIS Client v2026.6.0, but no later version.

Customers running AL2 are encouraged to migrate to Amazon Linux 2023 (AL2023). Upgrading existing deployments from AL2 to AL2023 is not supported. You must deploy a new System Director and Media Pack instances on AL2023. If you have existing media on AL2, you must copy the media using third-party tools.

Compatibility with Media Composer

Avid NEXIS v2026.6.0 includes updates to support the enhanced security introduced in Media Composer 2026.x. If your workflow relies on bin-locking or shared projects functionality and you are on Media Composer Ultimate, you must upgrade your Avid NEXIS Client version to 2026.6.0 to work with Media Composer v2026.x and later releases.

The full compatibility matrix of Avid editors is available on the Avid Knowledge Base: [Avid Audio and Video Compatibility Charts](#).

Server Fixes (in Numerical Order)

- **SSENG-44094:** Multiple error messages such as "Can't get dmcli data with flag %d" and "kernel blk_update_request: critical nexus error..." were observed on the Avid NEXIS system. The first error was linked to an incorrect logging function usage in the DiskManager code and the second error was due to faulty media drives.
- **SSENG-44998:** In some cases, ntpd errors such as "Frequency file /var/log/ntp/ntp.drift-tmp: No such file or directory" may appear in the system logs. This occurs when the /var/log/ntp directory is missing on Avid NEXIS systems, preventing ntpd from creating or accessing the required drift file.
- **SSENG-45052:** The Disk Manager fails to recognize replacement drives due to a file descriptor handle leak.

- **SSENG-45146:** In Avid NEXIS | Cloud Storage (AWS Online EBS), authentication errors may occur when using remote LDAP, preventing users from accessing the system.
- **SSENG-46479:** In Avid NEXIS v2025.2.2, deleting a workspace could trigger a recursive deletion of directories, causing an assertion error and a System Director restart.
- **SSENG-46591, SSENG-46715, SSENG-47317, SSENG-47382:** In some cases, redistribution may stall and fail to complete due to an invalid metadata handling.
- **SSENG-46629:** Log Aggregator fails to collect all logs due to corrupt files in /var/log/diskmanager.
- **SSENG-46663:** Starting with Avid NEXIS v2025.5.3, duplicating a Workspace and then modifying user permissions before saving, causes the permissions of all unmodified users to be removed from the new Workspace.
- **SSENG-47154:** In some cases, an assertion error "ASSERT: pid <process id> file /src/unity/m34/uServer/MScache.cpp line 1601: 0" could occur, causing the Storage Manager to reboot.
- **SSENG-47175:** In some cases, Media Pack drives may be incorrectly listed in the Management Console. Removed drives may remain visible in the drive list, resulting in multiple drives to appear with the same slot assignment or duplicate entries to appear when a removed drive is reinstalled.
- **SSENG-47201:** Airspeed recordings dropped when the Storage Manager encountered an assert triggered by invalid network link speed from a client running a version earlier than v2023.12.x.
- **SSENG-47216, SSENG-47272, SSENG-47414, SSENG-42300:** During periods of high and increasing write workloads, the System Director may encounter the assertion error "Assert Error from /src/unity/m34/IndexServer/FSvalidate.cpp line 750 (or line 751)" and reboot unexpectedly.
- **SSENG-47292:** MXF file corruption can occur in certain situations when ingesting media into mirrored workspaces from ingest devices configured with Hi-Resolution NEXIS client type. With multiple clients writing simultaneously under this setting, the system may experience a resource starvation causing portions of the file to be zeroed (lost) during ingest. As a result, when the affected files are played back in Media Composer, various issues may occur, including corrupted frames, audio dropouts, and error messages such as Consistency Check Failure and Assertion Failed.
- **SSENG-47295:** After upgrading to Avid NEXIS v2025.5.7, the Management Console Dashboard may display blank fields.
- **SSENG-47440:** Persistent system reboots occur on Avid NEXIS E-series systems during drive rebuilds, caused by out-of-memory errors related to high memory locking.

Client Fixes

- **SSENG-43997:** Saving a Pro Tools session on Avid NEXIS takes a long time, often accompanied by a spinning wheel.

- **SSENG-44092:** On Windows 11 24H2 machines with Avid NEXIS Client version v2025.5.x, a dialog box appears with the following message: "Program Compatibility Assistant: This module is blocked from loading into the Local Security Authority. \Device\HarddiskVolume5\Windows\System32\AvidFosNP.dll".



Originally fixed in 2025.10.0, this issue was reopened for further investigation. Additional fixes were implemented in 2026.6.0.

- **SSENG-44181, SSENG-47106:** Robocopy operations stall, causing disruptions to backup processes. This issue is due to internal I/O operations that are not properly canceled and file close operations that are blocked.
- **SSENG-44555:** On macOS clients, Media Composer projects stored on Avid NEXIS may crash when bins are renamed.
- **SSENG-45072:** In some cases, kernel panics may occur on macOS Sequoia clients.
- **SSENG-45111:** After upgrading to Avid NEXIS Client v2025.5.3, the Client Manager fails to list all Workspaces on Windows clients.
- **SSENG-46668:** Avid NEXIS clients running on Ubuntu 24.04 experience slow directory listings, leading to workspace access delays and disconnection issues.
- **SSENG-47293:** In Avid NEXIS Remote workflows, copying files from an on-premises macOS client to Avid NEXIS Cloud Storage causes the file transfer to hang. The transfer threads become stuck or deadlocked while processing the "." file of the copied folder.

Limitations and Defects

See the "[Known Issues](#)" on [page 23](#) for all limitations found in this release and previous releases. New limitations are marked as 'New'.

USM Versions

The Unified System Management (USM) firmware package is a bundle of firmware for the hardware components in an Avid NEXIS, such as the power supply units, Controllers, and the Baseboard Management Controller (BMC).

USM versions are shown on the Engines page and the Controllers page in the Management Console. BMC versions are shown on the Controllers page in the Management Console.



USM upgrades are currently performed remotely by Avid; they do not happen automatically during system software upgrades. Contact Avid Global Customer Services for details. Some USM firmware versions are supported only with certain Avid NEXIS versions and models; see the following tables for details.



After upgrading the Avid NEXIS system, upgrade any cold space (shelf spare) Controllers by inserting the Controller into an upgraded Engine during a maintenance window.

Compatible Avid NEXIS F-Series USM and BMC Versions

USM	BMC	Minimum Avid NEXIS Version	Supported Models
5.2-r2020.40.15_rc9_rel_130	00.59	2026.6.0	Avid NEXIS F-Series, Avid NEXIS SDA+, Avid NEXIS PRO+
v5.2-r2020.40.12_rc1_rel_3353	00.54	2024.2.0	Avid NEXIS F-Series, Avid NEXIS SDA+, Avid NEXIS PRO+
5.2_r2020.40.8_RC5_Rel-3096	00.52	2023.3.0	Avid NEXIS F-Series, Avid NEXIS SDA+, Avid NEXIS PRO+
5.2_r2020.40.6_v02 (Displays as “BON” in the Management Console)	00.45	2022.5.0	Avid NEXIS F-Series, Avid NEXIS SDA+, Avid NEXIS PRO+

Compatible Avid NEXIS E-Series (Legacy) USM and BMC Versions (Corrected July 2023)

USM	BMC	Minimum Avid NEXIS Version	Supported Models
1.37b	0.01.0045	2022.12.0	Avid NEXIS E-series, Avid NEXIS PRO 40TB with Controller 10, Avid NEXIS SDA  <i>Dual Controllers in the same chassis must run the same USM version.</i>  Only customers directed to do so by Avid Engineering should update the firmware to 1.37b.
1.37a	0.01.0041	2019.2.0	Avid NEXIS E-series, Avid NEXIS PRO 40TB with Controller 10  <i>Can use USM 1.37 and 1.37a in the same Engine for models that support dual controllers</i>
1.37	0.01.003c	2019.2.0	
4.1.16g	2.00.1093c	2019.2.0	Avid NEXIS PRO 20TB , Avid NEXIS PRO 40TB with purple fascia Controller
4.1.16d	2.0.0002		
1.32	0.01.0034	7.9.1	Legacy Avid NEXIS E-series
1.16	0.01.0013	6.x	Legacy Avid NEXIS E-series

Security Guidelines

Avid allows you to install an endpoint protection and response solution on your Avid NEXIS clients. While Avid does not support any specific solution, you can find general guidelines and information regarding network security, including specific data on CrowdStrike Falcon, in the following Avid Knowledge Base page: [Avid Security Guidelines and Best Practices for Dealing with Virus Threats](#). Refer to the [Avid Endpoint Security Guidelines](#) for more information on endpoint security systems.



Avid NEXIS is currently tested against Crowdstrike version 7.37.



Microsoft Defender for Endpoint does not support EDR path exclusions for Avid NEXIS mounted as drive letter. This limitation may cause objects or actions to be identified as risks, even when there is no actual threat. If exclusions are needed, Avid recommends configuring process exclusions in Microsoft Defender for Endpoint to allow applications accessing the Avid NEXIS workspace and associated file operations to be scanned. Consult your IT department and refer to the Microsoft Defender for Endpoint documentation for details on configuring process exclusions.



Avid does not support the installation of any anti-virus or endpoint protection software on Avid NEXIS servers.

Secure Data Deletion

For customers who require a guarantee that all deleted data is done so completely and securely (after deleting a Workspace), see the following URL for Secure Data Deletion tools available from Seagate, officially supported by Avid NEXIS: <https://www.seagate.com/support/secure-erase-matrix/>

Hardware and Software Requirements

To meet the stringent needs of media applications, the Avid NEXIS family of storage solutions is built using patented intellectual property in Avid NEXIS software running on Avid NEXIS hardware. Avid tests and qualifies configurations of Avid NEXIS software deployed on Avid NEXIS hardware. The Avid NEXIS System Director is designed to allow the binding of Avid NEXIS only. Avid has not published its file system specifications, protocols, or file system APIs used among the components of the file system (Avid NEXIS System Director, Avid NEXIS client, Avid NEXIS expansion engines) and these are subject to change without notice. Therefore, any connection of third party storage as part of an Avid NEXIS file system is not a licensed, approved, or supported configuration.

Supported Upgrade Paths

You can upgrade any Avid NEXIS system according to the upgrade path described next. For instructions on how to upgrade an Engine or System Director Appliance, see the *Avid NEXIS Setup and Maintenance Guide*, or the *Avid NEXIS Administration Guide*.

All Avid NEXIS systems can upgrade to the following versions:

Platforms	Current Avid NEXIS Version	Can Upgrade Directly To
On-premises systems	2023.x, 2024.2.x, 2024.5.0, 2024.6.x, 2024.10.0, 2024.11.0, 2025.2.2, 2025.5.1 (LA), 2025.5.3, 2025.5.5, 2025.5.7	2026.6.0 Do not upgrade any on-premises system to 2023.7.0, 2025.2.0, or 2025.5.0. Delete all media from Avid NEXIS Cloudspaces while your subscription is still active before upgrading to 2023.8.0 or higher.
Avid NEXIS Cloud Storage systems	2021.3.1 and newer To upgrade Avid NEXIS Cloud Storage v2020.7.x and earlier to Avid NEXIS FS version	2026.6.0 Do not upgrade any Avid NEXIS Cloud Storage system to 2023.7.0, 2023.8.0, or

Platforms	Current Avid NEXIS Version	Can Upgrade Directly To
	2021.x, please contact Avid Customer Service or your sales representative to assist with the upgrade.	2025.2.0.  Avid NEXIS Cloud Storage systems on AWS running version 2025.2.x and earlier cannot be upgraded to 2025.5.0 or higher.

System Director and Client Version Compatibility

This section outlines the Avid NEXIS server and client version compatibility.

The Avid NEXIS server can have a newer version than the client to allow deployment of server-only fixes. However, Avid recommends upgrading all clients to the same version as soon as possible. New functionality, enhancements, and some fixes require aligned server and client versions.

Avid NEXIS Server and Client Compatibility		
	Avid NEXIS v2025.5.7, 2025.10.0 Client	Avid NEXIS v2026.x Client
Avid NEXIS v2025.5.7 server	Y	Y
Avid NEXIS v2026.x server	Y	Y

Recommended Version

Avid NEXIS | VFS v2025.5.7 is the minimum recommended version for on-premises systems. It resolves a Media Pack crash and performance regression issue identified in previous 2025.x releases.

Newer releases include additional features and fixes. Avid recommends running the latest server and client versions to benefit from enhanced functionality, security improvements, and fixes. For a complete list of updates, see the "What's New" section of this ReadMe.

 **Avid NEXIS | VFS versions 2025.5.0, v2025.2.0 and v2023.7.0 were withdrawn and not recommended for any system.**

 *The Avid NEXIS Toolbox and other utilities are tested and known to work only against a System Director of the same version. If you want to install two different versions of the Toolbox on the same system, install one of them into a directory other than the default.*

Supported Client Operating Systems

The following table lists the currently supported client operating systems with Avid NEXIS.

 **All client computer names must be unique to connect to Avid NEXIS. A client computer name is treated as a user name, and all user names on a shared-storage system must be unique.**

Operating System	Supported Versions	Notes
macOS	26.5 or later Tahoe updates on Apple Silicon (M1-M5) and Intel-based Mac computers with 1GbE, 2x1GbE, 10GbE, and 2x10GbE built-in NICs	 <i>macOS clients are not supported on Avid NEXIS Cloud Storage (Azure Nearline and Online).</i>

Operating System	Supported Versions	Notes
Rocky Linux	15.7.1 or later Sequoia updates	Supported on on-premises Avid NEXIS clients and Avid NEXIS Cloud Storage (Azure Nearline and Online) clients. Compatible with AutoDesk Flame 2025
	14.x (Sonoma) with latest updates	
	v9.4 or later 9.x versions	
	v9.6 or later 9.x versions	
Ubuntu	24.04	Ubuntu 24.04 support: • On-premises: Starting v2025.10.0. • Avid NEXIS Cloud Storage (AWS and Azure): Starting v2026.6.0. To migrate MediaCentral Cloud UX systems from CentOS to Ubuntu, see the MediaCentral Cloud UX Documentation . See " Ubuntu Client and MediaCentral Cloud UX Compatibility " below
	22.04	
Amazon Linux	Amazon Linux 2023	Supported only on Avid NEXIS Cloud Storage systems on AWS.
	Amazon Linux 2	
Windows	11 build 25H2	Win11 25H2 is currently supported on on-premises and Avid NEXIS Cloud Storage on Azure. See " Windows Issues " on page 29.
	11 build 24H2	
	11 build 23H2	
Windows Server	2022 with latest Service Pack	
	2019 with latest Service Pack	

Ubuntu Client and MediaCentral Cloud UX Compatibility

Avid NEXIS v2023.3.0 was the first release to support Ubuntu for clients, intended to accommodate the move of MediaCentral | Cloud UX from CentOS to Ubuntu Linux. Performance was limited to 1Gb/s regardless of the physical connection, which was consistent with previous versions but slower than optimal.

With Avid NEXIS v2023.8.0 and higher, the Ubuntu client performance improved to allow higher throughput on a 10Gb/s connection by using the Avid NEXIS client cache instead of the Ubuntu page cache. However, versions of MediaCentral | Cloud UX earlier than v2023.7 are not able to take advantage of this change in cache use, resulting in images under construction remaining in the MediaCentral server's page cache without updating. Stale content remained available and clips were seen to remain indefinitely under construction, even after being finalized. The clips remained in the Creating folder and incorrectly appeared as offline.

Refer to the [MediaCentral Compatibility Matrix](#) for version compatibility between the Avid NEXIS Client and MediaCentral | Cloud UX.

Supported Browsers in an Avid NEXIS

The following browsers were tested with the client operating systems supported in the current release.

Operating System	Supported Browsers
Windows	Microsoft Edge, Mozilla Firefox, Google Chrome
macOS	Apple Safari, Mozilla Firefox, Google Chrome

Compatibility with Other Avid Products

This Avid NEXIS version is broadly compatible with other Avid and third-party products.



Avid NEXIS Client versions 2024.5.0 and 2024.6.x are not qualified for use with Pro Tools on macOS.

The full compatibility matrix of Avid editors and hardware is available on the Avid support site at the following URL: [Avid Audio and Video Compatibility Charts](#)

Third Party Editor Compatibility

Avid NEXIS Workspaces are optimized for Media and Entertainment workflows and can be successfully used with most industry standard editing, finishing, compositing, grading and animation applications, including but not limited to:

- Adobe® After Effects®
- Adobe® Premiere® Pro 2018 (v12.1.1) and higher
- Apple Final Cut® Pro X version 10.4.2 and higher



As of Final Cut Pro X 10.4, you can store library files on Avid NEXIS instead of on local drives.

- Autodesk Flame®



You must use Rocky Linux 9.4 kernel specified by Autodesk based on the Flame version you intend to use for connecting to Avid NEXIS.

- Autodesk Maya®
- Blackmagic Design DaVinci Resolve 14.3 and higher
- Foundry Nuke®
- Grass Valley® EDIUS® Pro 9 and higher
- Maxon Cinema 4D®

System Configuration Limits

The following tables list the configuration limits for on-premises and Avid NEXIS | Cloud Storage systems in the current release.

On-Premises Limits

Item	Embedded System Director	System Director Appliance
Media Packs (per system)	4, in any combination of Scale-Out and High Performance	8 in a High Performance Storage Group 24 total (optionally including up to 8 in a High Performance Storage Group) with the Avid NEXIS VFS Standard or Avid NEXIS FS Standard license and any combination of Avid NEXIS Engines 64 total (optionally including up to 8 in a High Performance Storage Group) with the Avid NEXIS VFS Advanced or Avid NEXIS FS Advanced license, and any combination of Avid NEXIS Engines
Media Packs (per Engine)	1 in all 2U chassis (Avid NEXIS E2, Avid NEXIS E2 All-Mirror, Avid NEXIS E2 SSD, Avid NEXIS PRO, Avid NEXIS F2, Avid NEXIS F2X, Avid NEXIS PRO+) 1-2 in Avid NEXIS F2 SSD 1-2 in all 4U chassis (Avid NEXIS E4, Avid NEXIS E4 All-Mirror) 4-8 in all 5U chassis (Avid NEXIS E5, Avid NEXIS E5 NL, Avid NEXIS E5 All-Mirror, Avid NEXIS F5, Avid NEXIS F5 NL)	
Storage Groups	4, optionally including one High Performance Storage Group	32, optionally including one High Performance Storage Group
Workspaces	1024 (including Workspaces for Teams)	3072 (including Workspaces for Teams)
Teams	19	80
Team Quotas	Up to 255 Team Quotas per system (Teams have only one quota <i>per</i> Storage Group — which can be increased or decreased — but can have a quota in multiple Storage Groups)	
Team Admin Users	No enforced limit	
Users (Clients)	5640 (including Users in Teams)	
User Groups	1028 (including User Groups in Teams)	
Group Memberships per User	Non-Team users can belong to 71 non-Team user groups Team users can belong to 71 user groups <i>in the same Team</i>	
Connected (Active) Clients	40 with Avid NEXIS E-Series/F-Series Engines 30 with Avid NEXIS PRO or Avid NEXIS PRO+ Up to 10 to a High Performance Storage Group (Avid strongly recommends no more than 10)	165 with Avid NEXIS VFS Standard or Avid NEXIS FS Standard license 330 with Avid NEXIS VFS Advanced or Avid NEXIS FS Advanced license
Files and Folders	8 million in Avid NEXIS E-series/F-Series configurations	175 million in configurations with an Avid NEXIS SDA+ and the Avid NEXIS FS Advanced license running Avid NEXIS

Item	Embedded System Director	System Director Appliance
	5 million in configurations where the System Director service runs on an Avid NEXIS PRO+ 3 million in configurations where the System Director service runs on Avid NEXIS PRO  <i>Actual limit depends on file name length. Limit assumes 67 ASCII characters (67 bytes). Longer average file names reduce the file count limit.</i>	version 2023.8.0 or higher 28.4 million in configurations with an Avid NEXIS SDA or Avid NEXIS SDA+ with the Avid NEXIS FS Standard license.  <i>Actual limit depends on file name length. Limit assumes 67 ASCII characters (67 bytes). Longer average file names reduce the file count limit.</i>
Files per folder	Avid recommends no more than 10,000 files per folder in Workspaces.	
Pathnames (Workspace name + path + file name)	Any component of the path can be up to 255 bytes. Depending on the client operating system the full path limit is: - Windows: 32KiB - macOS: 32KiB - Ubuntu: 4KiB  <i>Unicode characters can be multi-byte.</i>	

Cloud System Limits

 **Avid NEXIS uses UDP datagrams for control traffic. Networks supporting Avid NEXIS must allow fragmented UDP traffic and minimize reordering of fragments because operating systems reject out-of-order fragments.**

Item	Limit
Media Packs (per system)	1 (5PB capacity)
Storage Groups	1
Workspaces	3072
Teams	80
	Workspaces, users, and groups created by a Team count against the overall system limits.
Team Quotas	Up to 255 Team Quotas per system
	(Teams have only one quota per Storage Group — which can be increased or decreased)
Team Admin Users	No enforced limit
Users (Clients)	5640 (including Users in Teams)
User Groups	1028 (including User Groups in Teams)
Group Memberships per User	Non-Team users can belong to 15 non-Team user groups
	Team users can belong to 15 user groups <i>in the same Team</i>

Item	Limit
Connected (Active) Clients	600 simultaneous editing (Azure and AWS)
Files and Folders	28.4 million (c5.4xlarge) 3 million (c5.2xlarge)
	 <i>Actual limit depends on file name length. Limit assumes 67 ASCII characters (67 bytes). Longer average file names reduce the file count limit.</i>
Files per folder	Avid recommends no more than 10,000 files per folder, particularly for Workspaces used by Avid MediaCentral Production Management.
Pathnames	Total bytes = 255 (Workspace name + path + filename)
	 <i>Unicode characters can be multi-byte.</i>

On-Premises System Performance

This section describes the bandwidth for the different Media Pack bind options, and the aggregate throughput for Storage Groups using those Media Packs.

Bandwidth by Media Pack Bind Setting

The nominal bandwidth rating for all-read workflows depends on the Engine type and Media Pack Bind Setting, as follows:

Bind Option	Bandwidth Rating (Nominal)	Supported On
Scale Out	480MB/sec	Avid NEXIS PRO+ Avid NEXIS F2, Avid NEXIS F2X, Avid NEXIS F5
High Performance	700MB/sec	Avid NEXIS PRO+ Avid NEXIS F2, Avid NEXIS F2X
SSD, 1 Media Pack	All Reads: 4GB/sec All Writes: 2GB/sec 50/50 reads/writes: 2 GB/sec Read, 1 GB/sec Write	Avid NEXIS F2 SSD only
SSD, 2 Media Packs	All Reads: 8GB/sec All Writes: 4GB/sec 50/50 reads/writes: 4GB/sec Read, 2GB/sec Write	

Aggregate Bandwidth by Media Pack Protection Type

The actual write bandwidth depends on protection type. Aggregate bandwidth is therefore a function of protection type and the proportion of reads to writes in the workflow.



In a mixed configuration of Avid NEXIS E-series and Avid NEXIS F-Series Engines in a Storage Group, the throughput will be between the ratings for an all E-series or all F-series system.

The following tables provide data on the expected bandwidth for Avid NEXIS F-Series Engines (including Avid NEXIS | PRO+) as an aggregate of all the Media Packs in a given Engine by protection type and R/W proportion per Media Pack.

To calculate total system performance, multiply these figures by the number of Media Packs in the Storage Group. A typical workflow is 80% reads and 20% writes.

Scale-Out Performance

The Scale-Out performance data in the following table is applicable to these models:

- Avid NEXIS | PRO+
- Avid NEXIS | F2 and Avid NEXIS | F2X
- Avid NEXIS | F5



Scale-Out is the best choice for Media Mirroring. Media Mirroring is not supported on Avid NEXIS | PRO+, Avid NEXIS | F2 SSD, or Avid NEXIS | F5 NL.

Read%	Write%	Media Pack Protection			MP Protection and Engine Protection	
		None	One Disk	Two Disk	One Disk + Mirroring	Two Disk + Mirroring
100	0	480 MB/sec	480	480	480	480
90	10	480	474	468	427	417
80	20	480	468	457	384	369
70	30	480	463	447	349	331
60	40	480	457	436	320	300
50	50	480	452	427	295	274
40	60	480	447	417	274	253
30	70	480	441	409	256	234
20	80	480	436	400	240	218
10	90	480	431	392	226	204
0	100	480	427	384	213	192
Usable Storage		100%	89%	80%	44%	40%

High Performance

The High Performance data in the following table is applicable to these models:

- Avid NEXIS | PRO+
- Avid NEXIS | F2 and Avid NEXIS | F2X



Media Mirroring is not supported with High Performance Storage Groups.

		Media Pack Protection		
Read%	Write%	None	One Disk	Two Disk
100	0	700 MB/sec	700	700
90	10	700	691	683
80	20	700	683	667
70	30	700	675	651
60	40	700	667	636
50	50	700	659	622
40	60	700	651	609
30	70	700	644	596
20	80	700	636	583
10	90	700	629	571
0	100	700	622	560
Usable Storage		100%	89%	80%

SSD Performance

SSD Performance is the only bind option available on Avid NEXIS | F2 SSD Engines.

		Media Pack Protection	
Read%	Write%	One Disk	Two Disk
100	0	4000	4000
90	10	3704	3636
80	20	3448	3333
70	30	3226	3077
60	40	3030	2857
50	50	2857	2667
40	60	2703	2500
30	70	2564	2353
20	80	2439	2222
10	90	2326	2105
0	100	2222	2000
Usable Storage		89%	80%

Drive Rebuilds and System Performance

When a drive in a Media Pack fails, the data from that drive is rebuilt from the other drives in that Media Pack, and involves only those drives. During a rebuild, the Media Pack's performance rating drops by the rating of one drive (10%). With no I/O on the system, the fastest a drive can be rebuilt is also equal to the rating of one drive.

On a Media Pack that is under full load (at complete bandwidth capacity), the minimum repair rate is 512KB/s. As the drive is rebuilt it begins contributing to the overall Media Pack performance rate for both reads and writes, so during the rebuild, the rate gradually decreases.

Performance Type	Rebuild Rate (Media Pack at 100% capacity)	Drive Size	Estimated Rebuild Time
Scale-Out	48MB/sec	4TB	24 hours
	0.17TB/hr or ~6hr/TB	6TB	36 hours
		10TB	60 hours
		14TB	84 hours
		16TB	96 hours
High	70MB/sec	4TB	16 hours
	0.25TB/hour, or ~4 hr/TB	6TB	24 hours
		10TB	40 hours
		14TB	56 hours
SSD	700MB/sec	3.48TB	~1.3 hours
	2.52TB/hour, or ~24 min/TB	15.3TB	~6 hours



16TB drives are available for Avid NEXIS | F5 NL only.

The rebuild time increases with client load, and decreases as less data remains to be rebuilt.

Workspaces with One-Disk Protection are rebuilt before Workspaces with Two-Disk Protection, due to their higher vulnerability to a second drive failure.

Media Mirroring and System Performance

Mirrored Workspaces allow Avid NEXIS clients to continue working through an Engine failure without interruption or needing to reconnect. To ensure all clients can work seamlessly through an Engine failure, provision the shared-storage system with enough bandwidth to account for an Engine being offline.

Cloud System Performance

This section describes the bandwidth and performance data for the various virtual machine (VM) types, operating systems, and codecs used with Avid NEXIS | Cloud Storage.

Avid NEXIS | Cloud Storage is currently available on the following cloud platforms: Microsoft Azure and Amazon Web Services (AWS). It is offered in two tiers: nearline and online.

- Avid NEXIS | Cloud Nearline Storage is suited for offline editing and push-and-pull workflows that require quick retrieval.
- Avid NEXIS | Cloud Online Storage is ideal for online editing requiring high-availability and low latency for realtime workflows.

Workflow Types and Virtual Machine Sizes

Virtual Machines come in different types and sizes to accommodate various editing workflows. The following table outlines the differences between Small, Medium, Large, and Extra Large workflow types, along with the corresponding VM configurations for each.

Workflow Type	Workflow Description
Small (S)	Lightweight HD television (news, programming) workflow based on low bandwidth codecs.
Medium (M)	Standard HD and UHD television and post-production using various codecs from 100Mbps long-GOP codecs, thru DNxHD120 to XAVC Intra class 300.
Large (L)	Any demanding UHD/4K workflow beyond editing work— compositing, color grading, finishing being performed on hi-res or sources like DNxHR444 UHD, ProRes RAW, Blackmagic RAW.
Extra Large (XL)	For more demanding editing workflows that need higher computing power.

Recommended Virtual Machine Configuration for Different Editing Workflows

Size	Azure	AWS
S	Standard D8s/D8ds (v3, v4 or v5) (8 core, 32 RAM)	g4dn.2xlarge (8 core, 32 RAM)
M	Standard D16s/D16ds (v3, v4 or v5) (16 core, 64 RAM)	g4dn.4xlarge (16 core, 64 RAM)
L	Standard D32s/D32ds (v3, v4 or v5) (32 core, 128 RAM)	g4dn.8xlarge (32 core, 128 RAM)
XL	Standard D64s/D64ds (v3, v4 or v5) (64 core, 256 RAM)	g4dn.16xlarge (64 core, 256 RAM)



Avid recommends using Large-size VMs when using Media Composer. However, depending on the complexity of the project, a larger VM size might be required.

Approximate Bandwidth

The following table provides the estimated read and write performance on Linux, Windows, and macOS.



The results were obtained in a controlled lab environment. Actual performance may vary. As with all Cloud-based workflows, performance depends on regional variances and workloads not controlled by Avid.

Avid NEXIS | Cloud Nearline Storage

Operating System	Read Bandwidth (MB/s)		Write Bandwidth (MB/s)	
	Azure	AWS	Azure	AWS
Linux	-	80	-	100

Operating System	Read Bandwidth (MB/s)		Write Bandwidth (MB/s)	
	Azure	AWS	Azure	AWS
Windows	350	80	250	100
macOS	n/a	80	n/a	100

Avid NEXIS | Cloud Online Storage

Operating System	Read Bandwidth (MB/s)		Write Bandwidth (MB/s)	
	Azure	AWS	Azure	AWS
Linux	650	2250	850	1250
Windows	900	1100	900	1750
macOS	n/a	1100	n/a	950

Playback Performance

This section presents the playback performance in Media Composer, comparing different codecs (both native and foreign compression), and the number of streams supported across various VM sizes.

AWS Playback Performance

Codec	Stream Count per VM Size			
	S	M	L	XL
HD				
DNxHD LB	7	9	9	9
DNxHD SQ	5	9	9	9
DNxHD HQ	4	8	9	9
DNxHD 444	2	5	9	9
XDCAM 50	4	9	9	9
UHD				
DNxHR LB	4	9	9	9
DNxHR SQ	2	6	9	9
DNxHR HQ	2	4	7	9
DNxHR 444	1	2	3	4
Foreign Compression				
H265 (Linked)	1	2	4	4

Known Issues

The following are known issues with Avid NEXIS software or third-party vendors. When a workaround exists, it appears in the paragraph directly following the issue description.

Avid NEXIS On-Premises Systems Issues

- **New SSENGHW-199, SSENGHW-225:** In dual-controller Avid NEXIS F-Series systems, inserting a replacement Controller with an older USM firmware version (earlier than v5.2-r2020.40.12_rc1_rel_3353) can cause the active Controller running the updated firmware to enter a device blocked state. This condition may result in a “No Connection” status on some or all Media Packs and loss of read/write access to system drives.

Firmware mismatches commonly occur when replacing FRU components (RMA) or using spare Controllers that have not been updated to the current USM version.

Workaround: If this condition occurs, contact Avid Support to reseal the affected Controller (Controller with the correct firmware), and update the replacement Controller to the latest USM firmware version.



Remove the Controller with the older firmware version from the chassis until a firmware update can be performed, as reinserting it may cause the condition to persist or recur on the active Controller.

- **SSENG-44837:** A Media Pack that is not visible in the system may appear in the SDA logs. This does not affect system functionality and can be ignored.
- **SSENG-41851:** An Avid NEXIS server and client compatibility issue has been identified that can cause media consistency issues when using Avid NEXIS v2023.8 or a newer client with Avid vNEXIS 2023.8 or an older server. To prevent this, Avid recommends using Avid NEXIS v2023.12 or later for both the server and client. For more details, see the ["System Director and Client Version Compatibility" on page 12](#).
- **(None):** A limited number of Avid NEXIS | F2 engines were programmed with serial number different to the label on the rear of the chassis. These units are fully operational and **do not qualify for repair or replacement**. Please note the serial number displayed in the Avid NEXIS Management Console and the rear label, in case the chassis requires repair or return for other reasons.
- **SSENG-39347:** After installing a self-signed (system-generated) certificate on an Avid NEXIS system that previously used a trusted certificate, the Management Console was slow to load all the page elements in the Microsoft Edge browser.

Workaround: Try one or more of the following:

- ▶ Keep refreshing the browser until the Management Console fully populates
 - ▶ Use another browser to log back in after switching certificate types
 - ▶ Wait an extra five minutes for the Management Console to fully populate
- **SSENG-37053:** After updating an Avid NEXIS system to version 2023.7.0, some of the Controllers reported a Firmware Mismatch issue, and indicated that the USM version on the Controller was invalid. The mismatch is caused by extended firmware version checking in v2023.7.0 and does not necessarily indicate a problem.

Workaround: You can either ignore this message (it will clear on its own after about 24 hours) or reboot the Engine.

- **SSENG-36438:** If you attempt to bind a Media Pack immediately after unbinding it (for example, to change the bind performance from Scale-Out to High), the system might show an error about inadequate capacity on the license.

Workaround: After unbinding a Media Pack, wait a few minutes before attempting to bind it again. This allows the system to complete its internal status updates.

- **SSENG-31657:** When configuring an Avid NEXIS F-Series Engine (including Avid NEXIS | PRO+ and Avid NEXIS | SDA+ using the Agent for initial setup, the enclosure ID does not remain set, and continues to display the factory default of 00.

Workaround: Turn all of the power supplies off, then back on, on each Engine after updating the enclosure ID.

- **(None):** When looking at switch statistics (for Dell and NETGEAR switches), you might see the OutDiscard counter (on Dell switches) or the Transmit Packets Discarded counter (on the NETGEAR switch) incrementing. This is acceptable as long as the rate of discards is no more than 1% of the total packets transmitted, or as long as workflows are not experiencing any dropped frames.
- **(None):** Avid recommends avoiding the use of object names that include a pound sign (#) followed by numeric characters. The Macintosh Finder might incorrectly display the contents of folders whose name includes that sequence of characters. For example, “project # 12” might be erroneously displayed with some items duplicated and some items missing.

See the *Avid NEXIS Administration Guide* for more information on supported and unsupported characters and other restrictions.

Avid NEXIS Client Issues

 *A user account with Administrator privileges is required to install the Avid NEXIS client software on your workstations.*

- **New SSENG-47434:** In Avid NEXIS v2026.6.0, if a macOS client uses a high-speed NIC (10Gb or higher) with a User Mode driver, the write performance to a single SSD-based Media Pack (Avid NEXIS | E2 SSD or F2 SSD) is lower than expected.

Workaround: Manually override the adapter’s speed in the client’s Registry.

 **Before applying this workaround, contact Avid Support to verify that your system configuration matches the conditions described for this issue.**

 *The override improves the write performance; however, throughput may still be lower than optimal.*

To set the override:

1. Open the Terminal and run these commands:

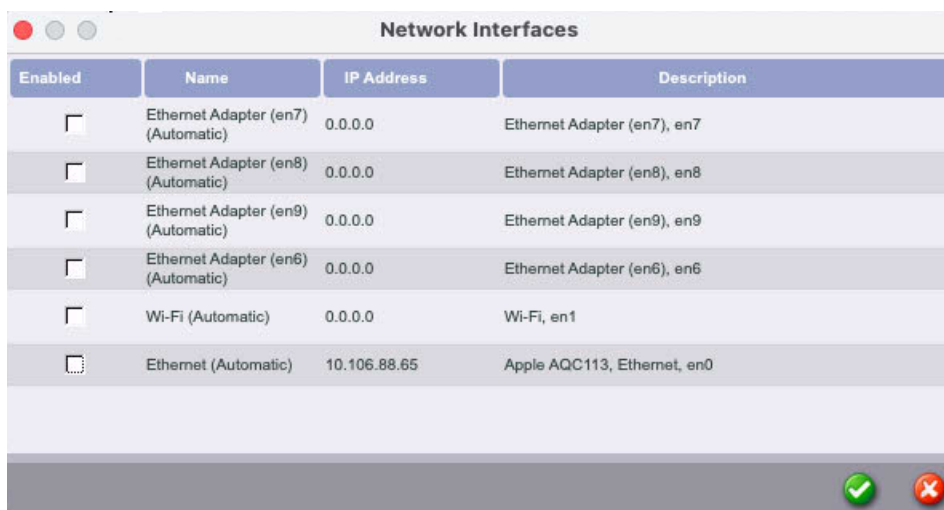
```
AvidRegistry -s AvidFos\\Parameters ParamScheme 2
```

```
AvidRegistry -s AvidFos\\Parameters\\UsrvTransport ForceNICsToMin 25000
```

```
AvidRegistry -s AvidFos\\Parameters AllowHiResOverride 1
```

```
AvidRegistry -l (lower-case letter l, not number 1)
```

2. Force the client to forget and reread its working set of adapters.
 - a. Open the Network Interfaces dialog.
 - b. Uncheck all adapters.



- c. Click the green check circle to save the configuration.
 - d. Select the adapters you wish to use.
 - e. Click the green check circle to save the selected configuration.
 - f. Close the Network Interfaces dialog.



The override applies across all adapters and sticks across reboots.

To remove the override:

1. Open the Terminal and run these commands:


```
AvidRegistry -d AvidFos\\Parameters ParamScheme
```

```
AvidRegistry -d AvidFos\\Parameters\\UsrvTransport ForceNICsToMin
```

```
AvidRegistry -d AvidFos\\Parameters AllowHiResOverride
```

```
AvidRegistry -l (lower-case letter l, not number 1)
```
2. Force the client to forget and reread its working set of adapters.
 - a. Open the Network Interfaces dialog.
 - b. Uncheck all adapters.
 - c. Click the green check circle to save the all-unchecked configuration.
 - d. Select the adapters you wish to use.
 - e. Click the green check circle to save the actual configuration.
 - f. Close the Network Interfaces dialog.

► **SSENG-44903:** Media transfers from Avid StreamIO to Avid NEXIS fail when using the Avid NEXIS Client for Ubuntu version 2025.10.0.

Workaround: Use Avid NEXIS Client v2025.5.3.

- **SSENG-29506, SSENG-31340:** Avid is aware of an issue with intermittent communication, often during system discovery, between an Avid NEXIS and clients running on certain configurations of VMware host systems. For more information, see the following articles:
 - [Recommended VMware Versions and Settings](#) (Avid Knowledge Base)
 - [Network timeouts or packet drops with VMware Tools 11.x with Guest Introspection Driver \(79185\)](#) (VMware Knowledge Base)
- **SSENG-33268:** Do not use the Remote Avid NEXIS setting in the Client Manager when on site with the target Avid NEXIS system. This setting is designed for *remote* connections, especially with Avid NEXIS | EDGE collaboration tool. The Remote Avid NEXIS setting supports proxy workflows and push/pull file copying, but **is not supported for on-premises or high resolution workflows**.
- **(None):** If you mount a workspace by mapping a network drive in Windows, when you unmount the workspace and then mount a different workspace in Client Manager manually using the same drive letter, Windows Explorer displays the previous workspace name instead of the new workspace name.
- **(None):** The estimated amount of space available (usually measured in an amount of time at a particular resolution) might differ between what Avid NEXIS calculates and what the Avid editing system calculates. Avid NEXIS accurately reports the amount of space available for file storage. The Avid editing application accounts for overhead in formatting of the media and is more conservative in reporting how much space is available.
- **(None):** The Avid NEXIS Log Utility may occasionally fail to generate logs with the error message “Couldn’t find OAM logs”.

Workaround: Close the error message and generate the logs again.
- **(None):** If the Client Manager is connected to an Avid NEXIS system with dual controllers and the System Director service has switched over to the second controller, the Management Console launch button in the Client Manager does not redirect to the new System Director and cannot successfully open the Management Console.

Workaround: To launch the Management Console for an Avid NEXIS system, either open a browser and enter its IP address, or add the IP address of the redundant controller to the Remote Hosts list in the Client Manager.
- **(None):** On a client with multiple NICs, all network paths from the client to a particular Avid NEXIS must be via NICs with the same speed.

Avid NEXIS Cloud Storage Issues

- **SSENG-24571:** Due to limitations in the Avid NEXIS Cloud file system, potential data consistency issues may occur in certain scenarios involving internet connection interruptions.
- **SSENG-36923:** You might see an error about the license directory being unavailable when trying to activate a license on a newly deployed Avid NEXIS | Cloud Storage system.

Workaround: Restart the Avid NEXIS | Cloud Storage system and try activating the license again.

- **(None):** You might run into issues running clients with multiple NICs, each of which is able to connect to an Avid NEXIS | Cloud Storage system.

Workaround: In clients that are specifically connecting to Avid NEXIS | Cloud Storage, enable only one NIC.

Avid NEXIS VFS Gateway Issues

- **(None):** The keyboard actions to select multiple items (using the Shift or Control keys) do not work.

Avid NEXIS | Remote Issues

- **New SENG-47373:** On macOS clients, files inside a folder remain visually pinned even after unpinning the folder. A refresh is needed to remove the pin icon from the individual files.
- **New SENG-47439:** When pinning or caching is in progress and the system reboots, the caching process may remain incomplete. After the reboot, File Explorer or Finder may show some files as pinned but not fully cached, which can lead to playback performance issues.

Workaround:

- ▶ Wait for all pinning operations to complete before rebooting the system.
- ▶ Unpin the files, then pin them again.

- **New SENG-47461:** Avid NEXIS | Remote must be disabled on Intel-based Macs.
- **New SENG-47322, SENG-47327:** In Avid NEXIS Remote workflows, pinning or caching files and folders on Windows does not work if the directories are created on Mac or Linux clients with a trailing space character at the end of the file or folder name. On Windows clients, the space character is displayed as %20, causing a name mismatch that prevents the file or folder from being cached correctly.

Workaround: Rename the file or folder on the Linux or Mac client to remove the space character at the end of the name.

- **SENG-44449:** In Adobe Premiere Pro, an error dialog in the Avid NEXIS Remote Panel may remain open even after clicking OK.

Workaround: Close the Avid NEXIS | Remote Panel and open it again. Cache operations will continue in the background even while the panel is closed.

- **SENG-44406:** In Avid Media Composer, when a timeline contains eight or more audio tracks with multiple clips, playback may be delayed by a few seconds, even if the media is cached.

Avid Benchmark Utility Issues

- **New SENG-47318:** In Avid NEXIS v2026.6.0, enabling the Delete option when running tests overrides the Keep File After Test preference in the Test/Action Profile and deletes the test file.

Mac Platforms and macOS Issues

- **SSENG-44726:** Starting with macOS 15.3 Sequoia, systems with the firewall enabled experienced read and write errors due to socket send failures.

Workaround: Update to macOS 15.7.1 or disable the firewall if an update is not possible.
- **SSENG-43073:** When using Sonnet Twin10G SFP+ adapter with the latest kext driver on macOS 15 Sequoia, a kernel panic occurs during write operations to Avid NEXIS. However, this issue does not occur when using the built-in Apple dext driver.

Workaround: Do not load the Sonnet kext driver. Use the built-in Apple dext driver instead. Testing indicates no difference in performance.
- **(None):** The Avid NEXIS client on macOS by default disables Spotlight indexing for Avid NEXIS workspaces because Spotlight indexing does not scale well across large, shared file systems like Avid NEXIS. Significant performance penalties can result. An override is available, but Avid strongly recommends against using it.
- **SSENG-42693:** On macOS client systems with many CPU cores, Adobe Premiere Pro Premiere can intermittently hang when importing P2 media from an Avid NEXIS workspace to the local drive. When this happens, you must reboot the workstation to completely clear the problem.

Workaround: Importing fewer than 10 clips at a time may mitigate the issue.
- **SSENG-23026:** Avid Benchmark Utility does not work automatically on Avid NEXIS clients running macOS 12.x (Monterey) and newer. On these clients, you must explicitly allow permission for an application (including Avid Benchmark Utility) to have Full Disk Access.

Requirement: On the macOS client, click System Preferences > Security & Privacy > Privacy > Full Disk Access and check the box for `avidbenchmarkd`. You might need to provide Administrator credentials to unlock this function (Padlock icon).

If the `avidbenchmarkd` object is not shown in the list, run a test with the Benchmark Utility against the client; the test will fail, but running it causes the `avidbenchmarkd` object to appear in the list.
- **(None):** If Macintosh files are copied to a Windows system with the Macintosh resource fork files, the resource fork files cannot be copied to mounted workspaces from a Windows client. Avid NEXIS does not accept Macintosh resource fork files from Windows clients. Appropriate “properties” error messages are displayed if this is attempted.
- **(None):** If the Avid NEXIS Client software is installed accidentally on an unsupported macOS version, running the uninstaller does not work.

Workaround: Use AppCleaner (a free download) to uninstall the Avid NEXIS Client software, as follows:
 1. Download AppCleaner from: <http://www.freemacsoft.net/appcleaner/>
 2. Follow the instructions for removing an application (in this case, Avid NEXIS Client).
 3. Restart the Mac.

Ubuntu Issues

- **(None):** If your MediaCentral Cloud UX server is attached to your network through a 10Gb or greater connection, you might see reduced total bandwidth when using the Ubuntu client (v2023.3 or higher) versus the CentOS client (v2023.3 or higher).

Windows Issues

- **New SENG-47235:** The Avid NEXIS Client and Toolbox installers are flagged as unsafe by Microsoft Defender SmartScreen in Microsoft Edge:
 - When downloading the Avid NEXIS Toolbox installer from the Management Console, the following warning appears: "AvidNEXISToolbox_for_Win64_<n.0.0-nnnn>.exe isn't commonly downloaded. Make sure you trust AvidNEXISToolbox_for_Win64_<n.0.0-nnnn>.exe before you open it."
 - Workaround:** Keep the installer by doing the following:
 1. Click More actions (...) and select Keep.
 - Another warning appears asking you to confirm that you trust the installer.
 2. Click the dropdown below the warning and choose Keep Anyway.
 - After downloading the Avid NEXIS Client or Toolbox installer, a security notice appears in the file properties: "This file came from another computer and might be blocked to help protect this computer."
 - Workaround:** Depending on the manufacturer, some computers may allow you to run the installer normally, while others may require you to unblock the installer first. If prompted to unblock, follow these steps:
 1. Right-click on the installer and go to Properties.
 2. Under the General tab, look for the security notice at the bottom.
 3. Check the Unblock box.
 4. Click Apply and then OK.

See the [Microsoft Defender SmartScreen FAQ](#) for more information.

- **SENGCS-15** When using the OS Login feature of the Avid NEXIS Client on Windows 11, the connection fails due to a Group Policy change made by Microsoft.

Workaround: Enable this Group Policy for the system: Computer Configuration > Administrative Templates > Windows Components > Windows Logon Options: Enable MPR notifications.

- **SENG-38317:** Uninstalling the Avid NEXIS Client on a Media Indexer server fails to remove temporary installation files from the C:\Windows\System32 folder.

Workaround: Stop the Media Indexer services before uninstalling the Avid NEXIS Client.

Special Notes

This section contains important information about the Avid NEXIS environment.

Qualified and Approved Avid NEXIS Switches

For a list of the current qualified and approved switches for use in the Avid NEXIS Production Network (APN), see the Avid NEXIS Network and Switch Guide on the [Avid NEXIS Documentation Knowledge Base](#).



The FS SFP28 modules supplied by Avid are specifically branded for Nvidia/Mellanox devices. Use them only in Nvidia/Mellanox based devices, for example in Avid NEXIS F-Series and PRO+ Engines where applicable. Their operation in devices other than Nvidia/Mellanox has not been tested.

Flow Control Required in Avid Production Networks

Avid requires configuring Rx Flow Control (LFC) Enabled on the switch that connects to Avid NEXIS Engines and clients. The client or Engine provides feedback to the switch to honor ‘pause frames’ requests to throttle the send rate to avoid overwhelming the IP stack on the client or Engine, and to buffer at the switch during these short pauses.

Many network switches have Rx Flow Control enabled by default. Consult your switch documentation to verify your switch’s settings.

ATTO® ThunderLink™ 10 GbE and 40 GbE Adapters

Avid NEXIS supports using several ATTO ThunderLink adapters for Mac and Windows (10GbE) clients. See *Avid NEXIS Network and Switch Guide* on the [Avid NEXIS Documentation Knowledge Base](#) page for supported Intel (and Intel-based ATTO) NICs.

Get the latest ATTO driver from their website. Install the appropriate driver for your operating system. Use all the default values and settings.



On macOS 13 and later, you might need to unblock ATTO from the Security & Privacy preferences in the System Preferences menu. This also applies to other third-party drivers (e.g. Sonnet, AJA, etc.).

VMware ESXi™

The Avid NEXIS Client is supported with VMware ESXi v6.0.0 (Update 1) using a VMXNET3 adapter with the Mellanox ConnectX-3 adapter and the Mellanox ESX OFED Driver version 1.9.10.2 or later.

VMware on Windows

To use VMware on Windows clients, use the 10GbE drivers that come with the Windows OS. The Avid NEXIS Client software no longer changes the speed of the VMware virtual NIC to 1 GbE.

LDAP Requires ASCII User Names and Passwords

The Avid implementation of LDAP (Lightweight Directory Access Protocol) requires that you restrict LDAP user names and passwords to ASCII. The LDAP/Avid NEXIS Account Synchronizer searches for groups and their users on an LDAP server and synchronizes (reconciles) user and group accounts by adding or removing users and/or groups from Avid NEXIS.

Fast User Switching Not Supported

Fast User Switching is a Windows feature that allows multiple user accounts to log on to a computer simultaneously. Fast User Switching is enabled by default in Windows computers. The Fast User Switching feature and multiple concurrent logged on user modes are not supported in the Avid NEXIS environment. The Avid NEXIS software does not distinguish the different drive letters mapped to the same workspaces on the same computer. Conflicts appear in the following two scenarios:

- When one user maps a drive letter to one workspace and another user maps the same drive letter to a different workspace
- When one user maps a workspace to one drive letter, and another user maps a different drive letter for the same workspace

Legal Notices

Product specifications are subject to change without notice and do not represent a commitment on the part of Avid Technology, Inc.

This product is subject to the terms and conditions of a software license agreement provided with the software. The product may only be used in accordance with the license agreement.

This product may be protected by one or more U.S. and non-U.S patents. Details are available at <https://www.avid.com/legal/patent-marking>.

This information is for deployment and use of Avid-certified cloud solutions. For more information contact your salesperson or reseller.

This guide is protected by copyright. This guide is for your personal use and may not be reproduced or distributed, in whole or in part, without permission of Avid. Reasonable care has been taken in preparing this guide; however, it may contain omissions, technical inaccuracies, or typographical errors. Avid Technology, Inc. disclaims liability for all losses incurred through the use of this document. Product specifications are subject to change without notice.

Attn. Government User(s). Restricted Rights Legend

U.S. GOVERNMENT RESTRICTED RIGHTS. This Software and its documentation are “commercial computer software” or “commercial computer software documentation.” In the event that such Software or documentation is acquired by or on behalf of a unit or agency of the U.S. Government, all rights with respect to this Software and documentation are subject to the terms of the License Agreement, pursuant to FAR §12.212(a) and/or DFARS §227.7202-1(a), as applicable.

Adobe and Premiere Pro are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Apple and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. All other trademarks contained herein are the property of their respective owners.

Avid NEXIS ReadMe • Created 8/3/2026 • This document is distributed by Avid in online (electronic) form only, and is not available for purchase in printed form.