Avid NEXIS | EDGE
FAQs

CONTENTS

GENERAL PRODUCT INFORMATION

What is Avid NEXIS | EDGE?

Avid NEXIS | EDGE is a workflow solution that enables post-production teams to work from anywhere with the same user experience they are familiar with at the facility. Building on the proven and trusted capabilities of Media Composer® and Avid NEXIS® shared storage, Avid NEXIS | EDGE extends existing on-prem Avid solutions outside of the facility to a location independent team to provide greater efficiency, collaboration, and performance, regardless of where team members work.

Who is Avid NEXIS | EDGE for?

Avid NEXIS | EDGE is made for post-production and creative teams with anywhere from two to 100 contributors, including editors, assistant editors, interns, producers, showrunners, and directors who are:

- Current Avid NEXIS and Avid Media Composer customers who need remote collaboration capabilities. These may include:
    - Video post-production facilities
    - Broadcast post-production teams (e.g., teams working on web content; commercial, marketing, or publicity teams; on-air promotion departments; daily shows, documentaries)
    - Rental companies focused on post production

- Post-production facilities and creative teams who need remote collaboration capabilities but don't currently use Avid solutions, including the above customer types and:
    - Education, houses of worship, and corporate content producers

What functionality does Avid NEXIS | EDGE provide?

Avid NEXIS | EDGE supports a proxy and high-resolution workflow bringing two high-value benefits to Avid customers:

- The ability to edit remotely, allowing customers to work from anywhere in the world by connecting back to a facility-based Avid NEXIS system.
- The ability to edit with a higher quality media format from within the facility and have a lightweight proxy to represent high-quality media when working remotely. This includes the ability to switch between the high-resolution media and the proxy immediately, without a conventional relink.

How can I purchase Avid NEXIS | EDGE?

Avid NEXIS | EDGE components are available via Annual paid subscriptions only. A customer-supplied file server is also required. Please speak with your Avid Sales representative or Avid Channel Partner to learn about subscription options and pricing.

Is Avid NEXIS | EDGE available via perpetual license?

Avid NEXIS | EDGE will be sold via subscription-based licenses only.

Is Avid NEXIS | EDGE a new product?

Yes. Avid NEXIS | EDGE enables editors, assistants, showrunners, producers, and marketing teams to collaborate from anywhere. Avid NEXIS | EDGE provides a groundbreaking proxy workflow that gives remote Media Composer | Enterprise editors the same user experience as if they were working in the facility.

Do customers who have Media Composer | Enterprise and Avid NEXIS automatically get access to Avid NEXIS | EDGE, for free?

For access to the proxy workflow functionality, users will need to upgrade to the latest version of Media Composer | Enterprise and must be running Avid NEXIS v2022.10 (server and client) or later (v2023.3 recommended).

Will proxy generation be a Media Composer or a Media Composer | Enterprise option?

Media Composer | Enterprise is required to generate and playback proxy.

How many clients does Avid NEXIS | EDGE support?

Avid NEXIS | EDGE will support 75 Media Composer | Enterprise clients and 25 web clients.

Will the Avid NEXIS | EDGE user licenses work as web-based logins, as well as Media Composer Panel?

Yes.

Do remote users count as client connections against the 24-user limit on an Avid NEXIS | PRO+?

Yes. Remote users will count towards the total connections on storage as they will be using the Avid NEXIS Client Manager.

What kind of database manages the relationship of high-resolution media and proxy media for a given master clip?

The technology that supports this workflow is the brand-new Proxy Resolver Service, developed specifically for Avid NEXIS | EDGE. This service runs on the Avid NEXIS | EDGE server.

Where can I find the latest information, seek assistance, or share advice about Avid NEXIS | EDGE?

The Avid NEXIS | EDGE Facebook group will be the place for peer-to-peer discussions on everything Avid NEXIS | EDGE. You can find guidance for getting started, troubleshooting, installing and upgrading software, gear advice and purchasing discussions, and "How-to" help. Join the community: Avid NEXIS | EDGE Facebook group.

COMPATABILITY

Which version of Avid NEXIS and Media Composer does Avid NEXIS | EDGE require?

For access to the proxy workflow functionality, users will need to upgrade to:

- Avid NEXIS v2022.10 (server and client) minimum required; v2023.3 recommended

- Media Composer | Enterprise v2022.10 minimum required; v2023.3 recommended

- Media Composer | Distributed Processing v2022.10 minimum required; v2022.12.1 recommended

Avid NEXIS | EDGE supports connecting a seat of Media Composer | Ultimate (v2022.10) to use the Avid NEXIS | EDGE browser interface, as well as the embedded panel within Media Composer. The proxy workflow, however, requires a seat of Media Composer | Enterprise.

Note: Media Composer | Enterprise is required to use the Remote Bins feature.

Will Avid NEXIS | EDGE work with Avid NEXIS | PRO+?

Yes. Avid NEXIS | EDGE works with any model of Avid NEXIS. Avid NEXIS | PRO+ only supports 24 client connections per 40 TB engine. Up to 4 PRO+ engines can be combined in a single system for up to 160 TB of shared storage capacity.

Is it possible to connect Avid NEXIS | EDGE to multiple Avid NEXIS storage environments simultaneously?

No. Avid NEXIS | EDGE connects to one Avid NEXIS storage system at a time.

Does Avid NEXIS | EDGE currently work with the Avid NEXIS | VFS within a Microsoft Azure Blob Storage environment?

Avid NEXIS | EDGE does not yet support deployments in a cloud environment.

Does Avid NEXIS | EDGE work with Media Composer | Ultimate?

Avid NEXIS | EDGE supports connecting to Media Composer | Ultimate (v2022.10) to use the existing browser interface as well as the existing embedded panel within Media Composer. Media Composer | Enterprise is required for using the proxy workflow.

Can Media Composer | Ultimate still open the Avid NEXIS | EDGE panel?

Yes, Media Composer | Ultimate can still open the embedded HTML panel inside Media Composer. This provides access to the Avid NEXIS | EDGE Browse, Search, and Distributed Processing apps.

Will Avid NEXIS | EDGE work in conjunction with an Avid Interplay or MediaCentral | Cloud UX environment?

No, Avid NEXIS | EDGE is not compatible with Avid Interplay nor Avid MediaCentral | Cloud UX. Proxy creation options will be disabled within Media Composer when it is connected to Interplay or to MediaCentral | Cloud UX.

Will Media Composer | ScriptSync and Media Composer | PhraseFind work in Avid NEXIS | EDGE?

When accessing the features of Avid NEXIS | EDGE via Media Composer | Enterprise, these tools are accessible as they are today. The Avid NEXIS | EDGE web client, however, provides this same workflow with its own phonetic indexing toolset, available as an add-on option.

Does Avid NEXIS | EDGE support Blackmagic Design DaVinci Resolve?

DaVinci Resolve is not supported at this time.

Does Avid NEXIS | EDGE support Pro Tools?

Pro Tools is not currently supported.

Can remote Media Composer | Enterprise users have an Avid Artist I/O device connected?

Yes, any users can use any supported control device in their home environment if Media Composer | Enterprise is running on their workstation or laptop.

HARDWARE & SOFTWARE REQUIREMENTS

What are the minimum server hardware requirements?

Avid has qualified two new HP servers for usage as the Avid NEXIS | EDGE file server. The specifications of each server are tailored to the size and depth of the team using Avid NEXIS | EDGE.

Note: For the descriptions below, a "User" refers specifically to the Avid NEXIS | EDGE Web Client Connector, which is the browser-based toolset of Avid NEXIS | EDGE that runs either within Google Chrome, or as an embedded HTML panel within Avid Media Composer. Currently, Avid supports up to 25 total Web Client Connector users on a single Avid NEXIS | EDGE server.

For teams or productions of 1-15 Web Client Connector users, Avid recommends the following server:

- HPE Proliant DL360 G10 Server DUAL Xeon-S 4210R Processors
  - 96GB RAM, 2x 500GB (or greater) SSD Drives RAID1, 10Gb 2P 530SFP+ Adptr w/ 2x SR Transceiver included, DUAL 500W PS, HP 3-Year Parts, 3-Year Labor, 3-Year Onsite support, Windows Server 2019 Std Pre-loaded

For teams or productions of 16-25 Web Client Connector users, Avid recommends the following server:

- HPE Proliant DL360 G10 Server DUAL Xeon-G 5218 Processors
  - 128GB RAM, 2x 500GB (or greater) SSD Drives RAID1, 10Gb 2P 530SFP+ Adptr w/ 2x SR Transceivers included, DUAL 500W PS, HP 3-Year Parts, 3-Year Labor, 3-Year Onsite support, Windows Server 2019 Std Pre-loaded

Avid NEXIS | EDGE also allows for up to 75 concurrently connected Avid Media Composer | Enterprise systems, however Avid Media Composer plays media directly from Avid NEXIS storage, even when connecting remotely, and not through the Avid NEXIS | EDGE server. Thus, there is very little computational impact placed on the Avid NEXIS | EDGE server itself by Avid Media Composer | Enterprise.

CUSTOMER PROVIDED SERVER HARDWARE

Should a customer prefer to provide other server hardware other than what Avid has qualified, they are welcome to do so, though Avid strongly encourages that their hardware meet or exceed the following minimum specifications:

- CPU: Dual Intel Xeon class, 10 physical cores (with multithreading)
- RAM: 96 GB (for 1-15 Users), or 128 GB (for 16-25 Users)
- Storage: 500 GB SSD, or greater, for the operating system and Avid NEXIS | EDGE related server applications
- Network adapters: One adapter minimum; the adapter must meet the requirements specified in the Avid NEXIS documentation

 Note that Avid cannot qualify customer-provided server hardware and can only provide these minimum specifications as a guideline. Thus, Avid cannot provide any performance expectations from customer-provided hardware.

What are the software requirements?

Avid NEXIS | EDGE currently supports the following versions of Windows Server for the operating system:

- Microsoft Windows Server 2019 - Standard Edition
- Microsoft Windows Server 2022 - Standard Edition

The server must also be configured with a Hyper-V Role. Hyper-V supports the Linux virtual machine (VM) that is deployed during the Avid NEXIS | EDGE installation process.

When installing Windows Server 2019 or 2022 - Standard Edition, simply follow the Windows Server Configuration Wizard.

LICENSING

Does Avid NEXIS | EDGE need to be licensed?

Yes. However, the server is a no-cost license.

What would happen in a mixed license environment (i.e. Media Composer | Ultimate, Media Composer | Enterprise, and perpetual licenses) with Avid NEXIS | EDGE? Will only the Media Composer perpetual license and the Media Composer | Ultimate see the high-res media?

All Media Composer systems will be able to use the high-res media, as this does not represent any departure from longstanding Media Composer workflows. Note: Only Media Composer | Enterprise will give you access to Avid NEXIS | EDGE proxy and working remotely.

What is the difference between Media Composer | Enterprise and the Media Composer | Enterprise Admin toolset and workflow?

Media Composer | Enterprise is the most feature-enabled model of the Media Composer editing software. The Media Composer | Enterprise Admin system, however, is a browser-based administration toolset allowing a team leader or facility administrator to enable or disable nearly every function and menu pick of Media Composer. This allows teams to define how much functionality to allow a given user, and to control what kind of projects and media formats can and cannot be created by a given Media Composer instance.

If you remotely connect to a facility via VPN, would the Media Composer | Enterprise license be assigned via a license server, or would you need to have the license locally activated on your remote system?

The license is floating, so it could float, or it could be assigned to the remote user.

Is there a limit to the number of Web Client Connectors that you can have on an Avid NEXIS | EDGE system? Do you need to have an equal number of Media Composer | Enterprise licenses?

Users can have up to 25 Web Client Connectors. The number of Media Composer | Enterprise users are separate.

Do Web Client Connectors require a license?

Yes. You need a Web Client Connector for each client that will be connecting to Avid NEXIS | EDGE via a web browser. One Web Client Connector is included with each seat of Media Composer | Enterprise. If additional Web Client connectors are needed, they can be purchased separately for $299 USD.

Does the HTML panel consume a license of the Web Client Connector?

Yes. Opening the embedded HTML panel within Media Composer does consume a license of the Web Client Connector.

Where is the licensing managed and status information located for all server components?

The licensing information is available in the admin panel of the Web Client Connector when hosted in a browser; clicking on the Avid logo takes you to the admin panel.

Is it possible to deactivate an Avid NEXIS | EDGE license, if needed?

No, there is no way to deactivate the current license from the user's side. The user may only reset their device ID and apply a new license. The previous license will be still active, but it won't be connected to their given system anymore.

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SYSTEM CONFIGURATION & PROXY BASICS

Can users customize the proxy?

No, the proxy is currently a fixed format.

Can users create proxies directly from the sequence without having the source bins open?

Yes. You can select a sequence and generate all the proxies by right-clicking on the sequence and choosing "Create Proxy".

Note: Within Avid NEXIS | EDGE, you cannot select the Sequence specifically. Instead, you can select the Bin containing the sequence, right-click and choose "Create Proxy".

Do users need to copy the media onto Avid NEXIS before creating the proxy?

No, proxies can be generated even if the source footage is located on a conventional hard drive by the Media Composer Client. When generating proxies with Media Composer | Distributed Processing, all the original media will need to be located on Avid NEXIS.

Is the zero-relink proxy workflow available if you are not connected to an Avid NEXIS storage environment?

Yes. A stand-alone Media Composer | Enterprise instance still allows for the zero-relink workflow. However, in absence of Avid NEXIS storage or an Avid NEXIS | EDGE server, the zero-relink workflow is possible when both the proxy and high-quality media are both on a local hard drive.

Where is the proxy stored?

The proxy is stored on the Avid NEXIS system, on workspace(s) chosen by the user. Proxy media can also be stored on a local hard drive.

Do proxy and high-resolution media both need to reside on Avid NEXIS in order to support the zero-relink capability?

Yes. Both the high-resolution and the proxy need to live on the same Avid NEXIS for the zero-relink workflow to function. However, there is no requirement for the high-resolution to exist on Avid NEXIS storage just to play the proxy media.

What video frame rate and bit rate does the Avid NEXIS | EDGE proxy represent?

The frame rate always matches the original source clip from which the proxy was derived. Supported frame rates include 23.976, 24, 25, 29.97, 30, 50, 59.94 and 60 fps. When creating proxy media, two proxies are created: A high-quality, HD, H.264 proxy and a higher-performing, DNxHR LB i-frame proxy at ¼ HD frame. When the Timeline Video Quality menu is set to any of the Full Quality settings, the H.264 proxy is played. When the Video Quality menu is set to Draft Quality or Best Performance, the i-frame codec is played.

How many audio tracks are available with the proxy?

The same number and format (multi-channel configuration) as the original. The proxy media "follows the lead" of the source master clip from which the proxy was derived.

Can a remote Avid NEXIS | EDGE Web Client Connector create a proxy?

Yes, proxies can be generated via the Avid NEXIS | EDGE Web Client Connector, but only if you have Media Composer | Distributed Processing worker nodes connected to Avid NEXIS storage.

Is the Web Client Connector able to show FX on the timeline? Or do they need to be rendered to play?

Since the browser does not have a real-time FX engine, FX need to be rendered in Media Composer first to play through a sequence with FX.

Does Avid NEXIS | EDGE web client support work with multi-groups in the timeline?

The web client does not support playback of multi-groups. If you need to work with multi-groups, then a Media Composer remote client should be used.

Which web browsers does Avid NEXIS | EDGE support?

The most recent versions of Chrome are supported.

Can the proxy format be changed or defined by the end-user?

The proxy format cannot be modified by the end-user at this time.

How does this specific proxy format handle HDR workflows?

The original's color primaries and transfer characteristics (HDR) are preserved in the proxy; LUTs stay external. Avid NEXIS | EDGE does not support playback of real-time effects, such as LUTs.

Do the proxy essence files (.pmxf) have embedded metadata to tie back to the source essence and source metadata elements, and will there be tools to extract this data?

The .pmxf files only contain a record to tie them to the original. There are no independent tools to extract that data. This is handled internally by Avid NEXIS | EDGE's Proxy Resolver Service.

How do you toggle between the proxy and the high-resolution for a given asset?

Users can toggle between the proxy and the high-resolution by accessing the menu on the viewer play button within Media Composer | Enterprise (v2022.10 or later).

Is the system aware if a proxy already exists on a different workspace? Or would it create a second proxy if a different workspace is selected?

Media Composer and Avid NEXIS | EDGE can detect if a proxy exists in a specific location and will skip those clips if they are present. If proxy files do not exist on a new workspace, then a second proxy may be generated.

Does the Reveal File function work with the new proxy?

The Reveal File function only works with high-resolution.

What happens if you make a proxy of a sub-clip and later make a proxy of a master clip. Do you end up with 2 different proxy files?

When proxies are created, they are associated with master clips even if a sub-clip is selected for proxy creation. This is by design and is meant to reduce or eliminate the need to have multiple redundant proxy media files for a singular given asset.

How do you remove proxies if they aren't shown in media tool?

To delete proxy media, the user needs to select the clips in the bin and hit "delete". In the delete dialogue, there is a new "Delete proxy" option. You can delete them from within Media Composer in this manner or manually navigate to the proxy folder on Avid NEXIS drive. The new proxy path column in Media Composer defines the physical location of the proxy media.
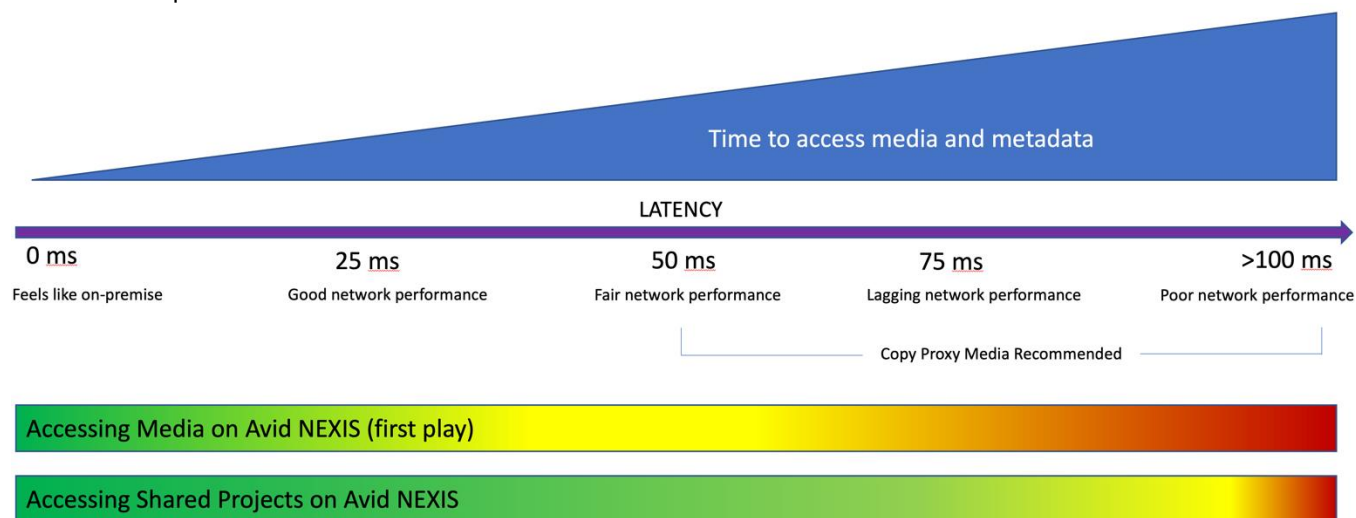
PERFORMANCE & BANDWIDTH

How much internet bandwidth is needed to support playback of the new proxy?

Avid recommends at least a 24 megabit remote connection to the Avid NEXIS. Higher stream counts during playback will require more bandwidth. If possible, avoid wi-fi and connect your computer to a modem with an ethernet cable. Be advised that using video streaming services, video conferencing or online gaming on the same network may severely impact the quality of your remote Avid NEXIS connection.

What is the recommended latency for remote Media Composer with Avid NEXIS | EDGE?

Higher latency means a longer time to access the media and metadata being pulled from the Avid NEXIS | EDGE server.

Time to access media and metadata

LATENCY

| 0 ms | 25 ms | 50 ms | 75 ms | >100 ms |
| Feels like on-premise | Good network performance | Fair network performance | Lagging network performance | Poor network performance |

Copy Proxy Media Recommended

Accessing Media on Avid NEXIS (first play)

Accessing Shared Projects on Avid NEXIS

Generally, latency less than 50 milliseconds (ms) will offer the best possible user experience. Anything higher than that may cause delays in playback or performance and copying proxy media to your local is recommended. Any latency greater than 4.5 ms is the definition of "remote" connectivity. Latency to Avid NEXIS storage can be confirmed in the Avid NEXIS | Client Manger.

Are third-party file transfer tools such as Signiant or Aspera needed to download or play the proxy?

No. There is no need for a third-party file transfer tool to play the proxy. Media Composer streams the proxy directly from Avid NEXIS storage.

TECHNICAL QUESTIONS

What is the difference between the MediaCentral | Cloud UX user account fields and the "Host name" field of the Media Composer project window when logging in to Avid NEXIS | EDGE?

The "Host name" field is meant for the IP address or the host name of the Avid NEXIS | EDGE server. This field is required if the Media Composer instance is to participate in the proxy workflow. The MediaCentral | Cloud UX user account fields, however, relate to the Web Client Connector license: These fields need to be populated with the Avid NEXIS user account if the workflow requires using the embedded HTML panel within Media Composer, to access the Browse and Search apps, or to send encoding jobs to Media Composer | Distributed Processing worker nodes.

Why do we have a .pmxf file format?

The proxy format is, in fact, a standard OP1a MXF file. So why does Avid use the .pmxf file extension for this first release of the Avid NEXIS | EDGE solution? The Proxy Resolver Service *requires* that the proxy media files always live in the Avid MediaFiles/proxy/* folder; if the proxy media files were also named with the same standardized .mxf extension, it could be difficult for any end-user to differentiate between a high-resolution file with a .mxf extension from a proxy media file if it also had an .mxf extension—at least as it's represented on a desktop level. So, to avoid any technical confusion that could result from having the same file extension, the proxy media file is currently labeled with a .pmxf extension.

Does proxy media pass through the server during playback within Media Composer?

No. Proxies are always located on Avid NEXIS storage. Playback within Media Composer points directly to the storage and does not "pass" the proxy media through the server. The Avid NEXIS | EDGE server only points Media Composer to a proper location on Avid NEXIS storage to read the media.

Is there caching to support remote performance?

Yes. Caching for remotely connected Media Composer clients comes in two forms: a caching of bin information, and of proxy media. Bins are cached locally at the time they are opened

when connecting remotely, and all read/writes target the locally cached bin during editing. When the bin is closed, the updated bin data is synced back to the Avid NEXIS storage. For media, proxy media is cached if the end-user has enabled the File Cache setting found within the Media Cache setting of Media Composer.

How is "remote" defined?

"Remote" is defined as any client whose point-to-point latency back to the Avid NEXIS storage is greater than 4.5 milliseconds (ms). Please note: Remote Mode is enabled manually by the end-user, by turning on "Remote Avid NEXIS" within the Avid NEXIS Client Manager or within the Media Composer Project window.

Is there a disaster recovery option for the Avid NEXIS | EDGE server?

Avid NEXIS | EDGE presents data that is stored in Media Composer bins that live on Avid NEXIS storage. If the server goes offline, the data can easily be restored by reindexing projects on a different server.

Does the Media Composer | Enterprise engine run on the Avid NEXIS | EDGE server?

Yes. The Media Composer | Enterprise admin backend components run on the Avid NEXIS | EDGE server.

Does Avid provide a secure VPN solution as part of Avid NEXIS | EDGE?

No. Customers will need to use their own corporate VPN to connect remotely to their Avid NEXIS storage.

Does Media Composer | Enterprise require an Avid FLS?

No, this is not required.

Does Avid NEXIS | EDGE require an Internet connection for activation?

Avid NEXIS | EDGE 2022.10.1 supports offline activation.

Can users copy proxies to an external drive and access them without Internet connection?

Yes. This is possible if the Media Composer instance is licensed as Media Composer | Enterprise. This is known as the "air-gapped" workflow, and it can be easily achieved using the Copy Media workflow when connected to Avid NEXIS | EDGE before the user becomes air-gapped.

What happens when rendering via Media Composer remotely? How is media transferred to Avid NEXIS?

When working remotely, proxy media will be used as the input when rendering to a local drive. Media Creation settings will determine the output of the renders and playback will be a mix of proxy files and pre-computes from the local drive. If using Avid Media Composer | Distributed Processing while remote, render the sequence before transcoding to proxies. Rendering directly to proxy format is not currently supported.

What happens to the bin if the connection is lost and the bin is closed? Is it "synced" once the connection is restored?

If the connection to Avid NEXIS storage is lost, the end-user can still use the "Save bin copy as…" function to save an additional copy of the bin to a local hard drive on the remotely connected editing system. Currently, there is no automated sync of newly created bins back to Avid NEXIS. This must be done manually by the end-user.

How does the player within the Web Client Connector choose between high and low resolution?

Currently, the player within the Web Client Connector does not have an option to switch between high resolution and low resolution. If proxy resolution is not available, Avid NEXIS | EDGE defaults to high resolution.

How does Avid NEXIS | EDGE work in a multiple user networked environment?

Avid NEXIS | EDGE leverages the existing user credential layer currently available in Avid NEXIS.

Does proxy media resolution depend on local PMR files?

No. All the proxy media is resolved by the Proxy Resolver Service, a new component of Avid NEXIS | EDGE that lives on the Avid NEXIS | EDGE server. There are no Interplay components within Avid NEXIS | EDGE.

Are the proxies created automatically after transcoding?

Proxy creation is currently done manually. Automated workflows are planned for a future release.

What happens to the proxy media status if the high-resolution media of the master clip goes offline?

The proxy media will remain online even if the high-resolution media is offline.

When connected remotely, is it possible to mix media on both a locally connected hard drive as well as on a remotely connected Avid NEXIS in the same editing timeline?

Yes, this is fully supported. Media Composer | Enterprise allows for mixing media in both local and remote storage within the same editing timeline.

If sequences and bins contain media with differing resolutions or frame rates, are users able to create proxies for all that media in a single project?

Yes. The proxy "follows the lead" of its parent master clip. The project type you are in doesn't matter as long as it's a project type that is supported for proxy creation and playback. (Currently supports up to 60.000 fps, but not 120 fps or Stereo 3D.)

Will proxies be placed in separate Avid MediaFiles folder?

Proxy files are stored separately, within the Avid MediaFiles/proxy/* directory.

Does Avid currently support third-party media creation tools for proxy creation? (E.g., Telestream, ContentAgent, Colorfront OSD, MTI Cortex, and DaVinci Resolve.)

Avid is constantly evaluating the best solution for our customers, including plans to expand the workflow to support third-party media creation tools or dailies workflows.

Does Avid currently support any Send to Playback workflows for broadcast news deployments?

At the moment, Avid NEXIS | EDGE does not have Send to Playback capability.

Is the Avid NEXIS | EDGE server a single server or can a redundant setup be employed for possible single server failure?

Avid NEXIS | EDGE is currently a single-server system. Automated failover is not yet available.

How does an Avid NEXIS | EDGE server integrate into an existing Avid NEXIS? Do users have to mount all workspaces they'll use with Avid NEXIS | EDGE client?

No. Avid NEXIS | EDGE mounts Avid NEXIS workspaces automatically within the Avid NEXIS | EDGE server, without requiring assistance from an end-user.

Can I export high-quality finished content when working remotely?

Yes. This can be done by leveraging Media Composer | Distributed Processing worker nodes with an on-prem connection to Avid NEXIS storage and targeting an Avid NEXIS workspace. In addition, performing a Copy Media operation to a local drive of the high-quality media will allow for a local high-quality export.

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WORKFLOW & INTEROP

Can third parties create or read our new proxy format?

Not at this time. This is planned for future releases, however.

Do you need Media Composer | Enterprise Admin Tool functionality to enable anything related to working remotely or using the proxy format?

No. The Media Composer | Enterprise Admin Tool workflow is not required for the proxy workflow.

Can you create proxy media if you are air-gapped?

Yes. Media Composer | Enterprise can generate proxy files to local storage even when air-gapped.

How do users ingest if they're remote?

Currently, there's no remote ingest capability for Avid NEXIS | EDGE. An automated ingest workflow is planned for a future release. In the interim, proxy creation can be done remotely by creating new proxy media to a locally connected hard drive and then manually pushing the new proxy media back to Avid NEXIS storage.

How does proxy media created while disconnected or in the field get pushed back to Avid NEXIS storage?

Currently, media can be copied back to Avid NEXIS with the new Copy Media capability. However, bins created while disconnected have to be copied back manually.

Does Avid support connecting both Media Composer | Ultimate and Media Composer | Enterprise clients to the same Avid NEXIS storage environment?

Yes. Though it should be noted that Media Composer | Ultimate seats can only access the embedded HTML Panel inside Media Composer and will not be able to participate in the new proxy workflow.

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ADOBE PREMIERE PRO WORKFLOW

Are proxy workflows currently available in Adobe Premiere Pro?

The Avid NEXIS | EDGE proxy workflow is currently exclusive to Media Composer | Enterprise. There are no new benefits to the Premiere Pro integration with Avid NEXIS | EDGE as it relates to the proxy workflow.

Can users use an Avid NEXIS | EDGE system with only Adobe Premiere Pro clients, or is the Adobe Premiere Pro support only available to mixed Media Composer and Adobe Premiere Pro environments?

Yes, you can have a system with only Premiere Pro clients. Please note, however, that the new proxy workflow is exclusive to only Media Composer | Enterprise clients.

Can users mix Media Composer systems and Premiere Pro systems in the same Avid NEXIS | EDGE environment?

Yes. The two can be mixed on the same server; however, only Media Composer | Enterprise clients can use the proxy workflow.

What is the benefit of implementing Avid NEXIS | EDGE in an Adobe environment?

Avid NEXIS | EDGE enables editors, assistant editors, journalists, showrunners, producers, directors, and CMOs to collaborate and contribute on projects. It integrates seamlessly with Adobe Premiere Pro and leverages Avid NEXIS shared storage to enable teams to access, browse, search, organize, create, edit, review, and deliver Avid NEXIS-managed content directly from within their Adobe Premiere Pro interface or using the web client—on-premises. It even enables users to find clips based on the dialogue they contain, in seconds. With Avid NEXIS | EDGE, teams can stay connected and keep the entire post-production pipeline moving.

What about Adobe After Effects or Photoshop integration in Avid NEXIS | EDGE?

At the moment, Avid NEXIS | EDGE only offers integration with Premiere Pro. Support for After Effects and Photoshop may come with a future release.

What are the Adobe Premiere Pro software requirements?

Install a software version of Adobe Premiere Pro that has been qualified to work with the Avid NEXIS | EDGE Editing Connector for Adobe Premiere Pro 2022.3.5. We currently support the following version of Adobe Premiere Pro:

- Adobe Premiere Pro 2022.6.2 or later.

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MEDIA COMPOSER | DISTRIBUTED PROCESSING

How does Media Composer | Distributed Processing integrate with the Avid NEXIS | EDGE interface?

Creating proxy media can be initiated from within the Avid NEXIS | EDGE web client. However, since the web client does not have a built-in encoding engine, Media Composer | Distributed Processing worker nodes can be leveraged to create proxy media, which is made available to any connected Media Composer or Avid NEXIS | EDGE web client.

Is Media Composer | Distributed Processing required to create proxies locally?

No. Distributed Processing is the only available option to create proxies if you are working remotely. If working on-prem, proxies can be created by Media Composer | Enterprise in the foreground, or by leveraging Distributed Processing. For on-prem scenarios, Distributed Processing is a benefit that enables offloading the encoding burden from the workstation but is not a requirement.

Does Media Composer | Distributed Processing require a separate Media Composer license at each workstation?

A Media Composer | Distributed Processing license is included with the purchase of Media Composer | Enterprise. Distributed Processing can run on the same machine as Media Composer or can be installed on another machine.

How long does it take to create the Avid NEXIS | EDGE proxy using Media Composer | Distributed Processing?

It depends on how many Distributed Processing workers are connected to the Avid NEXIS | EDGE server. The performance of two Distributed Processing workers is better than one equally provisioned Media Composer. Adding more workers further improves performance.

Does Media Composer | Enterprise include the licenses for browsing and monitoring Media Composer | Distributed Processing?

Yes, the panel in Media Composer allows you to generate and monitor Distributed Processing jobs.

Can Media Composer | Distributed Processing be used to automatically render sequences with FX so they can be played in the web browser?

Yes!