IN2IT social

Technical specifications

woody

1. System and network requirements

Recommended hardware configuration

- 32GB RAM
- 1 or 2 x CPU Intel® Xeon® Gold 6132 2,6GHz 14 cores*
- 2 x SSD 480 GB RAID 1 for system
- 2 x HDD 900 GB 15K RPM SAS RAID 1 for data
- Dual Power supply
- Intel®Ethernet i350 QP 1Gb Server Adapter (Avid qualified)
- or Intel X540 Dual Port 10G Base-T Adapter (Avid qualified)
- Windows Server 2016 Standard
- Optimal screen resolution to access Woody Social pages: 1920 x 1080

ⓘ *This is a highly powerful, future-proof configuration designed for transcoding usage. You can expect real time transcoding of 8 simultaneous streams with 1 CPU. If the source material is being mainly rewrapped, a configuration with only 1 CPU is sufficient.*

For integration with Avid storage, a qualified Avid network card is required. Please refer to Avid documentation regarding qualified network cards for your system.

System configuration

- Supported operating systems: Windows Server 2016 / Windows Server 2019 / Windows 10
- Google Chrome is recommended to access Woody user interfaces

Network requirements

- The following ports ranges are used for communication between Woody processes
- TCP 21000 - 21011 (21000 is used for remote access to Woody pages)
- The user running Woody service must have rights to read and write in the folders where the media will be detected.
- For IN2IT social, the server must have an active internet connection (it can be restricted to the social network websites such as YouTube, Vimeo, Twitter, etc.).
- Real-time antivirus scan must be disabled for removable drives to be connected, and folders where Woody will read or write media and metadata.
- Avid Interplay Web Services port: depending on your Avid configuration.
- Avid ISIS/NEXIS ports usage: Please refer to Avid documentation.

Requirements for Avid integration

- Avid ISIS: v 1.4 and higher – Avid NEXIS is supported
- Interplay: from v 3.1 / Interplay WebServices: from v 3.5.
- Pro Tools: 12.8 and higher. For version before 12.8, please use Woody in2it 3.0)
- The Interplay user configured in the application must have rights to read and write in Interplay source and destination folders.

- Install the ISIS/Nexis client on the same server as IN2IT social. The server must have read and write access onto the source and destination workspaces.
- The Woody server must have access to Avid Interplay WebServices and to the production storage.
- Interplay WebServices can optionally be installed on the same server than Woody software. For more information about Interplay WebServices installation, please refer to the Avid documentation.

2. Supported websites for unified search

- Twitter
- Vimeo
- YouTube

ⓘ *Notes: You need a valid account on these social networks to use unified search. This account have to be configured on Setup page.*

3. Supported websites for direct URL ingest

- Archive.org
- BuzzFeed
- Dailymotion
- Facebook
- Flickr
- Google Drive
- DropBox
- IMDB
- Instagram
- Periscope
- Rutube
- TMZ
- Ustream
- Vimeo
- Youku
- YouTube
- Twitter

ⓘ *Notes*

- *For networks requiring authentification, only public media can be ingested*
- *Some media can be blocked by the network depending on geographical or rights restrictions*
- *MP4 links and image links are generally supported, with some exceptions*
- *Woody Technologies is not responsible for the use of media by the customer*

4. Supported ingest modes and delivery protocols

The following ingest modes and delivery protocols are supported in Woody in2it

- **Ingest modes:** Avid Interplay, Avid MediaFiles + AAF, A/V File + Metadata, Grass Valley Stratus SCS, Backup, Cantemo Portal, Multitarget
- **Delivery protocols:** FTP, SFTP, FTPS, SMB, Aspera FASP, FileCatalyst, Signiant, Azure storage, Amazon S3

5. Supported target formats

A. SD PAL and HD 25/50 fps

Ingest mode	Avid Modes	Other modes
AVC-Intra 100 (1080i/50)	✓	✓
AVC-Intra 100 (1080p/25)	✓	✓
AVC-Intra 100 (720p/25), (720p/50)	✓	✓
AVC-Intra 50 (1080i/50)	✓	✓
AVC-Intra 50 (1080p/25)	✓	✓
AVC-Intra 50 (720p/25), (720p/50)	✓	✓
DNxHD 120 (1080i/50), (1080p/25), (720p/50)	✓	✓
DNxHD 185 (1080i/50), (1080p/25)	✓	✓
DNxHD 185x (1080i/50)	✓	✓
DNxHD 185x (1080p/25)	✓	
DNxHD 240 (1080p/50)	✓	✓
DNxHD 36 (1080p/25)	✓	✓
DNxHD 365 (1080p/50)	✓	✓
DNxHD 365x (1080p/50)	✓	✓
DNxHD 60 (720p/25)	✓	✓
DNxHD 75 (1080p/50)	✓	✓
DNxHD 90 (720p/25)	✓	✓
DNxHD 90x (720p/25)	✓	✓
DV 25 411 i (PAL)	✓	✓
DV 25 411 p (PAL)	✓	
DV 25 420 i (PAL)	✓	✓
DV 25 420 p (PAL)	✓	
DV 50 i (PAL)	✓	✓
DV 50 p (PAL)	✓	
DVCPro HD (1080i/50)	✓	
DVCPro HD (720p/50)	✓	
MPEG 30 i (PAL)	✓	✓
MPEG 40 i (PAL)	✓	✓
MPEG 50 i (PAL)	✓	✓
XDCAM EX 35Mbits (1080i/50)	✓	✓
XDCAM EX 35Mbits (1080p/25)	✓	✓
XDCAM EX 35Mbits (720p/50)	✓	✓
XDCAM EX 35Mbits (720p/25)	✓	✓
XDCAM HD 50Mbits (1080i/50)	✓	✓
XDCAM HD 50Mbits (1080p/25)	✓	✓
XDCAM HD 50Mbits (720p/50)	✓	✓
XDCAM HD 50Mbits (720p/25)		✓
Custom presets *		✓

B. SD NTSC and HD 23.976/29.97/59.94 fps

Ingest mode	Avid Modes	Other modes
AVC-Intra 100 (1080i/59.94)	✓	✓
AVC-Intra 100 (1080p/23.976), (1080p/29.97)	✓	✓
AVC-Intra 100 (720p/23.976), (720p/29.97), (720p/59.94)	✓	✓
AVC-Intra 50 (1080i/59.94)	✓	✓
AVC-Intra 50 (1080p/23.976), (1080p/29.97)	✓	✓
AVC-Intra 50 (720p/23.976), (720p/29.97), (720p/59.94)	✓	✓
DNxHD 110 (720p/29.97)	✓	✓
DNxHD 115 (1080p/23.976)	✓	✓
DNxHD 145 (1080i/59.94), (1080p/29.97), (720p/59.94)	✓	✓
DNxHD 175 (1080p/23.976)	✓	✓
DNxHD 175x (1080p/23.976)	✓	✓
DNxHD 220 (1080i/59.94), (1080p/29.97), (720p/59.94)	✓	✓
DNxHD 220x (1080i/59.94), (1080p/29.97), (720p/59.94)	✓	✓
DNxHD 290 (1080p/59.94)	✓	✓
DNxHD 36 (1080p/23.976)	✓	✓
DNxHD 440 (1080p/59.94)	✓	✓
DNxHD 440x (1080p/59.94)	✓	✓
DNxHD 60 (720p/23.976)	✓	✓
DNxHD 75 (720p/29.97)	✓	✓
DNxHD 90 (1080p/59.94), (720p/23.976)	✓	✓
DNxHD 90x (720p/23.976)	✓	✓
DV 25 411 i(NTSC) 29.97	✓	✓
DV 50 i(NTSC) 29.97	✓	✓
MPEG 30 i (NTSC)	✓	✓
MPEG 30 i (NTSC)	✓	✓
MPEG 30 i (NTSC)	✓	✓
DVCPro HD (1080i/59.97)	✓	
DVCPro HD (720p/59.94)	✓	
XDCAM EX 35Mbits (1080i/59.94), (1080p/23.976), (1080p/29.97)	✓	✓
XDCAM EX 35Mbits (720p/23.976), (720p/29.94)	✓	✓
XDCAM HD 50Mbits (1080i/59.94), (1080p/23.976), (1080p/29.97)	✓	✓
XDCAM HD 50Mbits (720p/59.94)	✓	✓
XAVC Intra 100 (1080i/50)	✓	
XAVC Intra 100 (1080i/59.94)	✓	
XAVC Intra 100 (1080p/23.976)	✓	
XAVC Intra 100 (1080p/25)	✓	
XAVC Intra 100 (1080p/29.97)	✓	
Custom presets *		✓

* In A/V File + Metadata mode, the administrator can creates its own preset based on MXF Op1a, MOV and MP4 containers.

Avid audio target formats; Supported audio target formats for Avid modes are PCM 16 or 24 bits at 44100 or 48000 Hz

C. 4K PAL 25/50 fps

Ingest mode	Avid Modes	Other modes
DNxHR 444 10bits (1920x1080p/25)	✓	
DNxHR 444 10bits (1920x1080p/50)	✓	
DNxHR 444 10bits (2048x1080p/25)	✓	
DNxHR 444 10bits (2048x1080p/50)	✓	
DNxHR 444 10bits (3840x2160p/25)	✓	
DNxHR 444 10bits (3840x2160p/50)	✓	
DNxHR 444 10bits (4096x2160p/25)	✓	
DNxHR 444 10bits (4096x2160p/50)	✓	
DNxHR HQ (1920x1080p/25)	✓	
DNxHR HQ (1920x1080p/50)	✓	
DNxHR HQ (2048x1080p/25)	✓	
DNxHR HQ (2048x1080p/50)	✓	
DNxHR HQ (3840x2160p/25)	✓	
DNxHR HQ (3840x2160p/50)	✓	
DNxHR HQ (4096x2160p/25)	✓	
DNxHR HQ (4096x2160p/50)	✓	
DNxHR HQX 10bits (1920x1080p/25)	✓	
DNxHR HQX 10bits (1920x1080p/50)	✓	
DNxHR HQX 10bits (2048x1080p/25)	✓	
DNxHR HQX 10bits (2048x1080p/50)	✓	
DNxHR HQX 10bits (3840x2160p/25)	✓	
DNxHR HQX 10bits (3840x2160p/50)	✓	
DNxHR HQX 10bits (4096x2160p/25)	✓	
DNxHR HQX 10bits (4096x2160p/50)	✓	
DNxHR LB (1920x1080p/25)	✓	
DNxHR LB (1920x1080p/50)	✓	
DNxHR LB (2048x1080p/25)	✓	
DNxHR LB (2048x1080p/50)	✓	
DNxHR LB (3840x2160p/25)	✓	
DNxHR LB (3840x2160p/50)	✓	
DNxHR LB (4096x2160p/25)	✓	
DNxHR LB (4096x2160p/50)	✓	
DNxHR SQ (1920x1080p/25)	✓	
DNxHR SQ (1920x1080p/50)	✓	
DNxHR SQ (2048x1080p/25)	✓	
DNxHR SQ (2048x1080p/50)	✓	
DNxHR SQ (3840x2160p/25)	✓	
DNxHR SQ (3840x2160p/50)	✓	
DNxHR SQ (4096x2160p/25)	✓	
DNxHR SQ (4096x2160p/50)	✓	

D. 4K NTSC 23.976/29.94/59.94 fps

Ingest mode	Avid Modes	Other modes
DNxHR 444 10bits (1920x1080p/23.976)	✓	
DNxHR 444 10bits (1920x1080p/29.97)	✓	
DNxHR 444 10bits (1920x1080p/59.94)	✓	
DNxHR 444 10bits (2048x1080p/23.976)	✓	
DNxHR 444 10bits (2048x1080p/29.97)	✓	
DNxHR 444 10bits (2048x1080p/59.94)	✓	
DNxHR 444 10bits (3840x2160p/23.976)	✓	
DNxHR 444 10bits (3840x2160p/29.97)	✓	
DNxHR 444 10bits (3840x2160p/59.94)	✓	
DNxHR 444 10bits (4096x2160p/23.976)	✓	
DNxHR 444 10bits (4096x2160p/29.97)	✓	
DNxHR 444 10bits (4096x2160p/59.94)	✓	
DNxHR HQ (1920x1080p/23.976)	✓	
DNxHR HQ (1920x1080p/29.97)	✓	
DNxHR HQ (1920x1080p/59.94)	✓	
DNxHR HQ (2048x1080p/23.976)	✓	
DNxHR HQ (2048x1080p/29.97)	✓	
DNxHR HQ (2048x1080p/59.94)	✓	
DNxHR HQ (3840x2160p/23.976)	✓	
DNxHR HQ (3840x2160p/29.97)	✓	
DNxHR HQ (3840x2160p/59.94)	✓	
DNxHR HQ (4096x2160p/23.976)	✓	
DNxHR HQ (4096x2160p/29.97)	✓	
DNxHR HQ (4096x2160p/59.94)	✓	
DNxHR HQX 10bits (1920x1080p/23.976)	✓	
DNxHR HQX 10bits (1920x1080p/29.97)	✓	
DNxHR HQX 10bits (1920x1080p/59.94)	✓	
DNxHR HQX 10bits (2048x1080p/23.976)	✓	
DNxHR HQX 10bits (2048x1080p/29.97)	✓	
DNxHR HQX 10bits (2048x1080p/59.94)	✓	
DNxHR HQX 10bits (3840x2160p/23.976)	✓	
DNxHR HQX 10bits (3840x2160p/29.97)	✓	
DNxHR HQX 10bits (3840x2160p/59.94)	✓	
DNxHR HQX 10bits (4096x2160p/23.976)	✓	
DNxHR HQX 10bits (4096x2160p/29.97)	✓	
DNxHR HQX 10bits (4096x2160p/59.94)	✓	
DNxHR LB (1920x1080p/23.976)	✓	
DNxHR LB (1920x1080p/29.97)	✓	
DNxHR LB (1920x1080p/59.94)	✓	
DNxHR LB (2048x1080p/23.976)	✓	
DNxHR LB (2048x1080p/29.97)	✓	
DNxHR LB (2048x1080p/59.94)	✓	
DNxHR LB (3840x2160p/23.976)	✓	
DNxHR LB (3840x2160p/29.97)	✓	
DNxHR LB (3840x2160p/59.94)	✓	

DNxHR LB (4096x2160p/23.976)	✓	
DNxHR LB (4096x2160p/29.97)	✓	
DNxHR LB (4096x2160p/59.94)	✓	
DNxHR SQ (1920x1080p/23.976)	✓	
DNxHR SQ (1920x1080p/29.97)	✓	
DNxHR SQ (1920x1080p/59.94)	✓	
DNxHR SQ (2048x1080p/23.976)	✓	
DNxHR SQ (2048x1080p/29.97)	✓	
DNxHR SQ (2048x1080p/59.94)	✓	
DNxHR SQ (3840x2160p/23.976)	✓	
DNxHR SQ (3840x2160p/29.97)	✓	
DNxHR SQ (3840x2160p/59.94)	✓	
DNxHR SQ (4096x2160p/23.976)	✓	
DNxHR SQ (4096x2160p/29.97	✓	
DNxHR SQ (4096x2160p/59.94)	✓	

E. Avid Proxy PAL/NTSC 23.976/25/29.94/50/59.94 fps

Ingest mode	Avid Modes	Other modes
H264 Proxy 1.5Mpbs SD (240i/29.97)	✓	
H264 Proxy 1.5Mpbs SD (288i/25)	✓	
H264 Proxy 2Mpbs 1080 (270i/50)	✓	
H264 Proxy 2Mpbs 1080 (270i/59.94)	✓	
H264 Proxy 2Mpbs 720 (360p/50)	✓	
H264 Proxy 2Mpbs 720 (360p/59.94)	✓	
H264 Proxy 800kpbs 1080 (270i/50)	✓	
H264 Proxy 800kpbs 1080 (270i/59.94)	✓	
H264 Proxy 800kpbs 1080 (270p/23.976)	✓	
H264 Proxy 800kpbs 1080 (270p/25)	✓	
H264 Proxy 800kpbs 1080 (270p/29.97)	✓	
H264 Proxy 800kpbs 720 (180p/23.976)	✓	
H264 Proxy 800kpbs 720 720 (180p/25)	✓	
H264 Proxy 800kpbs 720 (180p/29.97)	✓	
H264 Proxy 800kpbs 720 (180p/50)	✓	
H264 Proxy 800kpbs 720 (180p/59.94)	✓	
H264 Proxy 800kpbs SD (240i/29.97)	✓	
H264 Proxy 800kpbs SD (288i/25)	✓	

F. JFIF PAL/NTSC 23.976/25/29.94 fps

Ingest mode	Avid Modes	Other modes
JFIF 10:1 (496i/29.97)	✓	
JFIF 10:1 (592i/25)	✓	
JFIF 14:1 (496p/29.97)	✓	
JFIF 14:1 p (592p/25)	✓	
JFIF 15 :1s NTSC	✓	
JFIF 15 :1s PAL	✓	
JFIF 2:1 (496i/29.97)	✓	
JFIF 2:1 (592i/25)	✓	
JFIF 2:1 (496p/29.97)	✓	
JFIF 2:1 (592p/25)	✓	
JFIF 20:1 (496i/29.97)	✓	
JFIF 20:1 (592i/25)	✓	
JFIF 28:1 (496p/29.97)	✓	
JFIF 28:1 (592p/25)	✓	
JFIF 3:1 (496i/29.97)	✓	
JFIF 3:1 (592i/25)	✓	
JFIF 3:1 (496p/29.97)	✓	
JFIF 3:1 (592p/25)	✓	
JFIF 35:1 (496p/29.97)	✓	
JFIF 35:1 (592p/25)	✓	

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