

PHOENIX & NUCODA

2023.1

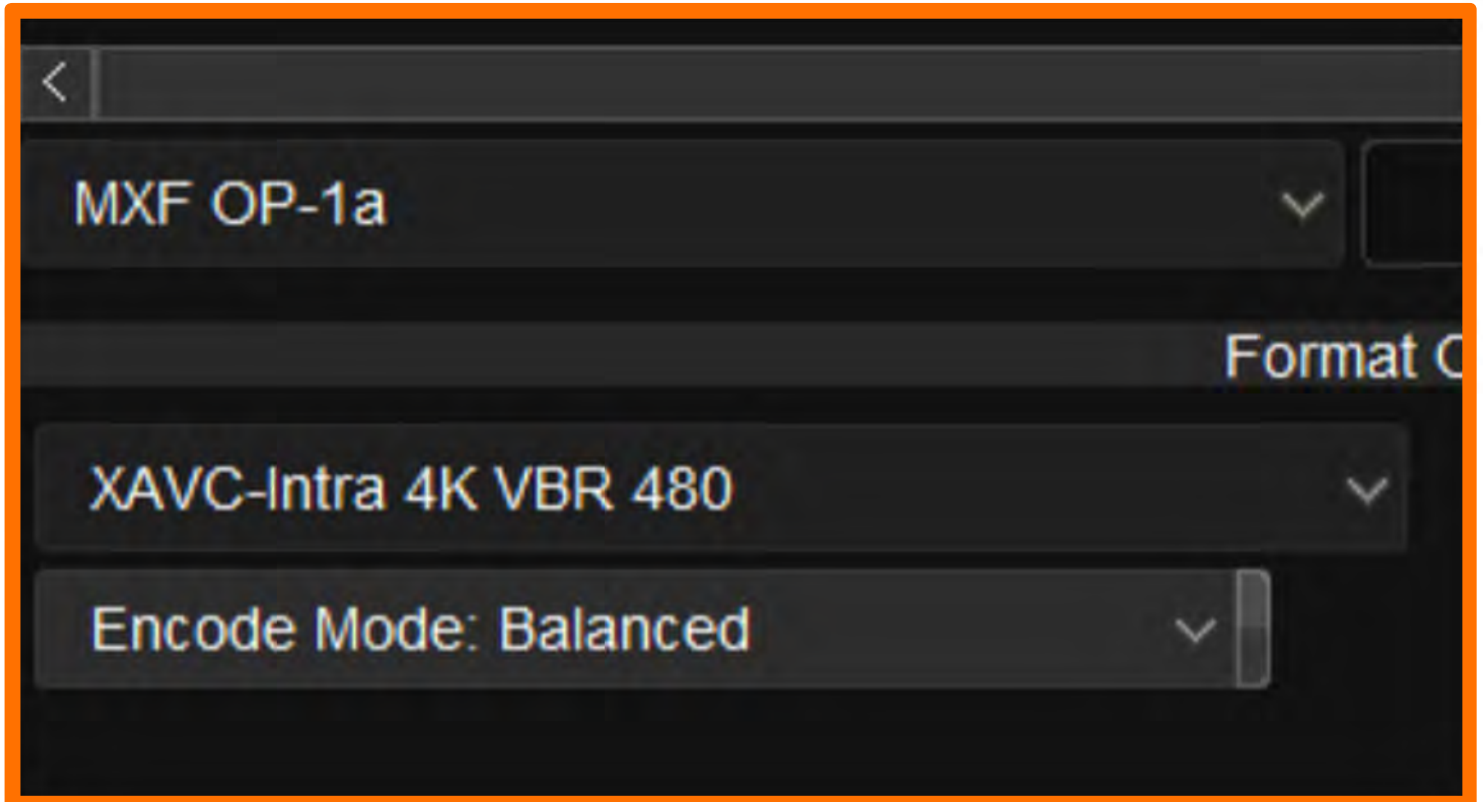
RELEASE NOTES

MAINCONCEPT

This release includes the long awaited **MainConcept codec implementation**. In this release, we're including export options for the most common Broadcast codecs, including **IMX, XDCAM, XDCAM EX, AVC Intra, XAVC Intra and Long GOP using the MXF Op1a container**.

On the Import side, several codecs have been implemented, but we're improving compatibility and adding more codecs throughout the year.

To export using the new codecs, **you need to use a resolution and frame rate compatible with each codec**, with the most common cases being 1080P and 1080i formats, 2160p and 4096x2160 resolution using XAVC Intra 4k. Click on the "Export Media..." button and select MXF OP1a option.



DVO VELVET

Introducing **DVO Velvet**, our latest tool that's now available along with this release.

DVO Velvet easily and effectively deals with **aggressive noise and grain reduction** whilst ensuring the resulting video is visually pleasing to watch producing **stunning results**.

Velvet's highly effective at correcting footage with high levels of grain or noise, particularly dark or low-light shots.

If you're interested in adding DVO Velvet to your Filmworkz package, give our Sales Team a shout.



BUG FIXES

DVSUP-94

DVO Scratch Target "Frame active" option operates on non-active frames.

DVSUP-662

"Display Image only on SDI" in Preferences>Monitoring/Video IO is now off by default.

DVSUP-725

Boris Sapphire 2022 crashes during caching and rendering.

DVSUP-729

Overwriting a single DPX frame source deletes the source DPX and gives it a NOORIG name.

DVSUP-737

Prores file being interpreted as interlaced instead of progressive when rendered by certain software packages.

DVSUP-738

Alpha channel is ignored when choosing an Inverse OT as an IDT in the clip properties.

DVSUP-740

Implementation of MainConcept MPG-2 Broadcast codec package for export and all import codec packages.

DVSUP-769

DNxHR HQX and 444 interpreted as 10-bit instead of 12-bit.

DVSUP-784

Color Convert tool generates a LUT that clips at 100 nits when using SDR to PQ conversions. An adaptation button and slider were added to improve the results of the transform.

DVSUP-839

Performance improvements to the Tracker when using a large number of grading layers.

DVSUP-840

EXR cache and export not working properly with frame rates higher than 30 fps

DVSUP-841

Random crashes could cause a project corruption.

DVSUP-842

PQ scopes showing incorrect results.



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