

#IAMDVO

IMAGE PROCESSING TOOLS

image scientists

DigitalVision.
world

A dark, atmospheric photograph of two men walking towards the camera. The man on the left is wearing a white tank top under a black leather jacket and sunglasses. The man on the right is wearing a dark leather jacket over a dark t-shirt and sunglasses, with his hand near his forehead. The background is a dusty, outdoor setting with a blue barrel and a wooden pallet visible. The overall tone is gritty and cinematic.

DVO TOOLS

When enhancing new digital images or rescuing valuable film the DVO Tools are the first port of call for content producers and artists all over the world. The award winning tools have been at the heart of enhancement and restoration for 30 years.

So, whether you are taming grain and noise with DVO Clarity, removing dead pixels with DVO Pixel, or adding some much needed detail with DVO Sharpen, DVO is there every step of the way.

DIGITAL VISION OPTICS

A SERIOUS ARRAY OF TOOLS IN YOUR ARSENAL.

DVO Alias

Removes line-flicker and unwanted patterning

DVO Aperture

High quality spatial sharpener

DVO Brickwall

Sharp frequency cut-off to eliminate artefacts

DVO Chroma

Fixes chromatic aberration or chroma artefacts

DVO Clarity

The best grain & noise reducer available today

DVO Cross-colour

Removes chroma or dot crawl from video

DVO De-Interlace

Accurate creation of progressive frames

DVO Dry Clean

Superb automated large artefact removal

DVO Dirt Map

Use scanner dirt maps for automated repairs

DVO Dropout and Fix

Highly accurate removal of video dropout

DVO Dust and Fix

Automated Dust removal with manual Fix

DVO Dust

Automated motion compensated dust removal

DVO Flicker

Automatic flicker removal

DVO Frame

Automatic frame replacement for large repairs

DVO Grain

Motion estimated grain & noise management

DVO Line-Sync

Detect and correct video line displacement

DVO Noise

Removes unwanted noise on video materials

DVO Pixel

Automated dead pixel detection and repair

DVO Print Align

Automatically aligns RGB separation prints

DVO Align Seq

Automatically aligns RGB sequential sep prints

DVO RegrainRGB

Add realistic, highly customised grain to images

DVO Regrain

Adds grain to video to match with film

DVO Scratch Target

Vertical scratch removal

DVO Sharpen

Sharpen the picture not the noise

DVO Steady

Removes camera shake or other unsteadiness

DVO Steady II

Removes Film weave and Splice jumps

DVO Stereo

Fix Corrects colour variations and image alignment

DVO Twister

High quality standards conversion

DVO Zoom

Optimized up and down scaling of film or video

DVO Warp

Removes warping associated with line scanners

DVO Upscale

Upscale SD to HD - Sharpen and I to P convert

DIGITAL VISION OPTICS

EXPERT OPINIONS.

MATS FORSBERG **MARS MOTEL**

“We used Phoenix Finish to clean up dirt and dust and to remove scratches from Bergman’s classic Autumn Sonata, which stars Ingrid Bergman. Considering the film is more than 30 years old it wasn’t too badly damaged. DVO’s Scratch and Clone painting tools allowed me to easily fix a number of scenes with vertical scratches that would have otherwise have been more difficult to remove.”

ROSS BAKER **HALO POST PRODUCTION**

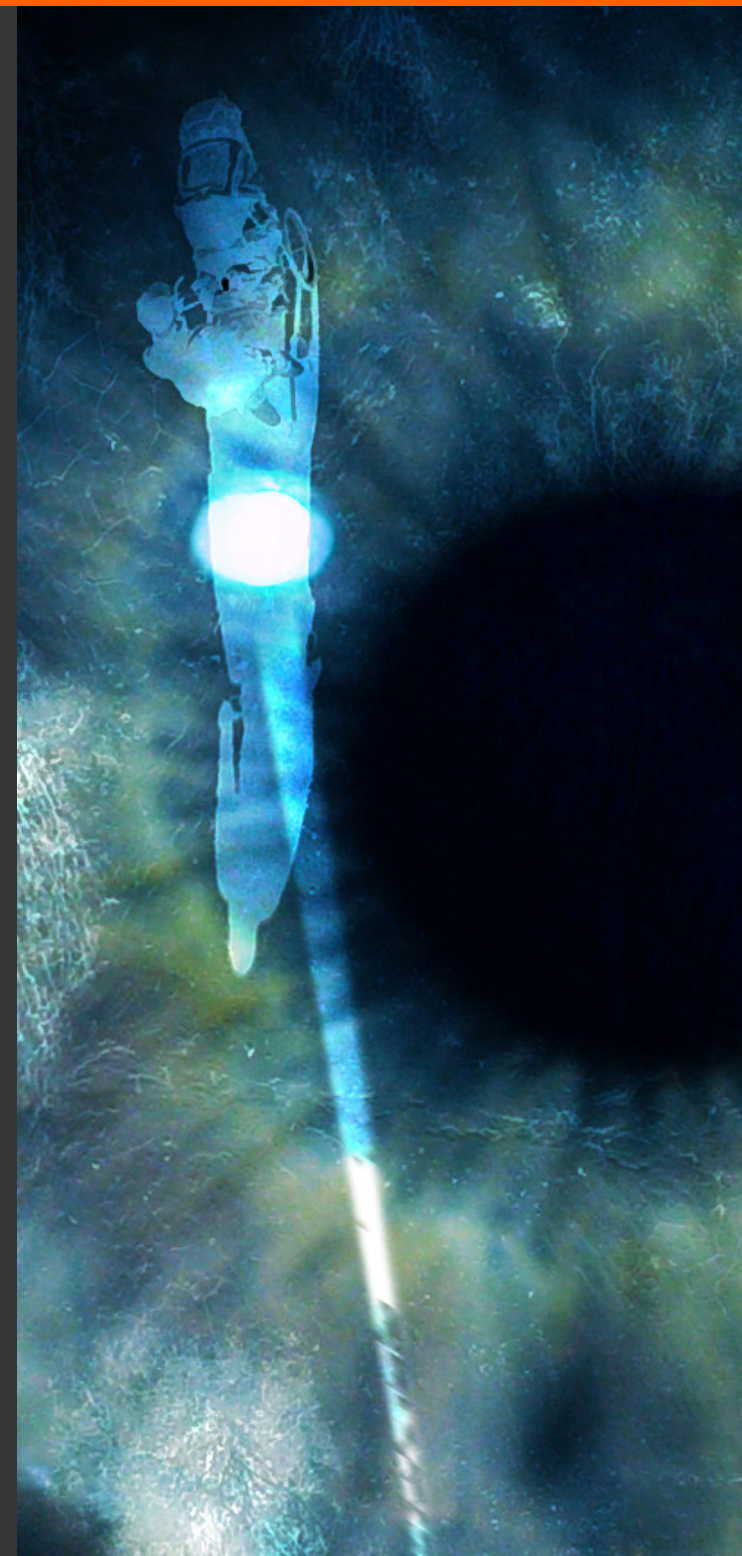
“DVO clarity is one of those tools that just works. Giving you confidence when in a grade session to push under exposed or slightly noisy shots knowing that with a push of a button everything will be clean without lose of detail.”

MATTHEW O’HARA **FUNIMATION**

“Dragon Ball Z’ originates on 16mm film, and over time had begun to show signs of aging – dust, scratches, some shaking and focus. In this restoration process in HD, the DVO toolsets has greatly enhanced our ability to recover the quality of the original material in a realistic time frame without the artefacts some algorithms leave behind.”

LEE KLINE **THE CRITERION COLLECTION**

“Kes’ was a particularly challenging project with really tough vertical scratches in the original camera negative. We didn’t have any other tools that could tackle this, so we were excited to see the results. It was almost magical.”



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