

Advanced Sampler 4.1

- speed up sampling with e.g. Color Central
- downsample images for OPI-aware RIPs, like Harlequin based RIPs

The Advanced is a very fast OPI downsampler f, and an excellent upgrade for samplers/FPO generators of other OPI servers, which are slow when sampling images in folder structures with tens of thousands of files.

The AdvancedSampler significantly speeds up the generation of low-res proxy (sample) images. By using the **InstantSampling™** technology, the AdvancedSampler does not waste processor time for searching high-resolution images. The AdvancedSampler is an excellent upgrade for samplers/FPO generators of other OPI servers, which are slow and lack important features. By installing the AdvancedSampler, you can immediately boost the productivity of your OPI workflow and eliminate the annoying problems of other samplers/FPO generators.



very **FAST** OPI downsampler



<http://www.cyansoftware.com>

<http://www.cyansoft.com>

<mailto:sales@cyansoftware.com>

<mailto:sales@cyansoft.com>

Advanced Sampler Features:

- **InstantSampling™** technology: Opium immediately samples new and modified Hi-Res images in folder structures with tens of thousands of files, whereas inferior OPI solutions need minutes until they find new and modified images because they scan the whole the folder structure of tens of thousands of files. With the **InstantSampling™** technology no processor time and hard drive read heads are wasted for searching the folder trees.
- The hi-res images can be stored anywhere on the server drives. As an option, the Sampler does not have to move the hi-res images to another folder after sampling has been finished. So the user is not forced to open the hi-res images in a different folder after sampling or to save them back to an input folder in order to have a hi-res re-sampled
- True event-driven sample generation: with file hooking, the Sampler can immediately detect which hi-res images have been changed and can start re-sampling them. This scheme simplifies working with hi-res images significantly, because users do not have to bother about complicated folder structures
- File hooking: the Sampler hooks the file system and therefore knows immediately which files to sample;

Supported High-Resolution Images:

- **EPS:** DCS1, DCS2; single and multi file, line-art, black & white grayscale, Palette, CIE Lab, RGB, CMYK, Multi Channel / Hi-Fi color spaces, JPEG, LZW, PackBits, modified Huffman, CCITT Fax (G3+G4), RLE, ASCII, ASCII85, with and without TIFF and PICT previews
- **TIFF:** black & white grayscale, Palette, CIE Lab, RGB, CMYK, Multi Channel / Hi-Fi color spaces, EPSF, JPEG, LZW, PackBits, modified Huffman, CCITT Fax (G3+G4), RLE, ASCII, ASCII85, Macintosh and PC formats; Revision 6.0; tiled and stripped TIFFs
- **JPEG, JFIF:** CMYK, RGB, graylevel, palette
- **PhotoShop:** 2.x or newer; black & white grayscale, Palette, CIE Lab, RGB, CMYK, Multi Channel / Hi-Fi color spaces; PackBits
- **Alpha Channel Handling** of Alpha Channels included in TIFF, PSD, and TIFF previews of EPS files
- **PhotoShop Clipping Path Handling** included in TIFF, PSD and EPS files; can read PhotoShop resource from TIFF, PSD and EPS files

Supported Lo-Res File Formats:

- **EPS:** DCS1, DCS2; single and multi file, black & white grayscale, Palette, CIE Lab, RGB, CMYK, Multi Channel / Hi-Fi color spaces, JPEG, LZW, PackBits, modified Huffman, CCITT Fax (G3+G4), RLE, ASCII, ASCII85, with and without TIFF and PICT previews
- **TIFF:** black & white grayscale, Palette, CIE Lab, RGB, CMYK, Multi Channel / Hi-Fi color spaces, EPSF, JPEG, LZW, PackBits, modified Huffman, CCITT Fax (G3+G4), RLE, ASCII, ASCII85, Macintosh and PC formats
- **Alpha Channel Handling:** can add Alpha Channels of hi-res images to TIFF samples or TIFF previews of EPS files, so that the clipping paths are visible on the screen when using the samples
- **PhotoShop Clipping Path Handling:** can add PhotoShop clipping paths to EPS samples and can write the PhotoShop resource, which includes the clipping paths, to TIFF and EPS samples

Flexible Lo-Res File Generation:



- Creates lo-res with any desired resolution
- Support for multi segment clipping paths in EPS lo-res and, by means of clippath tag, in TIFF lo-res
- To generate lo-res with a minimum file size, the screen previews of EPS lo-res placement files can be in 8 bit indexed colors instead of 24 bit true colors and their print previews can be JPEG compressed
- Can handle path+file names with '*\<>' etc. (OPI comments are written with 8.3 names so other OPI servers can resolve this path)
- Option to generate samples in same format as hi-res; if hi-res is EPS/EPSF, it generates an EPS sample, otherwise it generates a TIFF sample
- Can handle hi-fi images (images with more than 4 color plates)
- Can compress image data of previews and printable data (JPEG, LZW, etc.)
- Easy configuration of lo-res generation options for individual or multiple folders with advanced GUI administration program
- Flexible storage of lo-res images, either together with the hi-res images or in a separate "samples only" hierarchy
- Store high-resolution images and documents on the server; sample images may be relocated or distributed to client machines, as desired
- Automatic update of samples when high-resolution images are renamed or edited
- Easy configuration of lo-res generation using wizards
- Deletes samples automatically if hi-res is deleted, moved or renamed
- Unlimited quantity of user-defined input folders and subfolders
- NT/2000/XP Service
- Log file
- Client/Server architecture; client user interface

Optional Features



- PhotoCD, Windows Bitmap (BMP), Windows Metafile (WMF), PCX, OS/2 Bitmap, MacPaint (MAC), GEM Image (IMG), Microsoft Paint (MSP), WordPerfect (WPG), SUN Raster (RAS), MPT, GIF, TARGA images, PNG
- Generating of preview images for the Internet (World Wide Web)
- Generating of preview images for image database systems and automatical adding these images to the database
- Generating of multiple sample files, each with different settings, from a single high-resolution file