

imageConvert 2.2

Image conversion to different file formats and color spaces is time consuming and often inefficient if it is done directly at the workstation. If the same conversion has to be carried out many times, imageConvert can help to simplify and accelerate this process considerably.

Users simply copy the files to be converted into a hot-folder on the server and they are automatically converted. The kind of conversion is simply defined within the folder name.

imageConvert uses the technology of HELIOS ImageServer on the server.

How does it work?

The user creates a conversion folder with predefined parameters in the folder name and copies the image files into this folder.

For example, the folder named “JPEG-RGB-72” converts all files into JPG/RGB with 72 dpi.

Another folder named “TIFF-Gray-200” converts the files into gray scale TIFF with 200 dpi.

Sub folders are created automatically and the original file is moved to the folder “-original“. The converted file is stored to the folder “-converted“. The folder name can also have a comment to identify it more easily.

If an error occurs during conversion, the file is stored together with an error protocol to the folder “-error“.

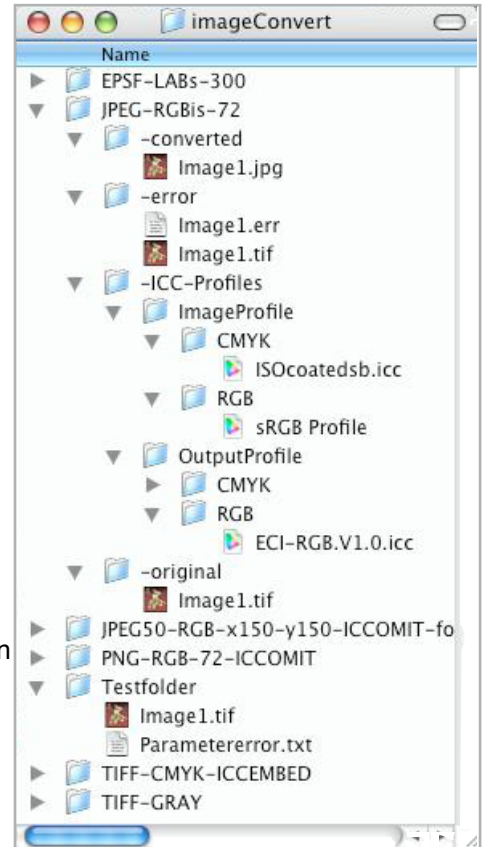
If there is no parameter or a wrong parameter defined in the folder name, a special file named “Parametererror“ is written to the folder. This file also contains a description of the valid parameters.

How is the color space defined?

Color space conversion is done with the HELIOS color management system and can be managed using ICC-profiles. The user simply copies the source and output profiles to the relevant sub folders of “ICC-Profiles“.

imageConvert is very convenient for converting a large number of files efficiently.

If HELIOS PDF HandShake is installed on the server, PDF documents can also be converted into other file formats.



Which functions are supported?

File format conversion:

File formats:	TIFF, TIFF-Compressed, TIFF-JPEG, EPSF, EPSF-JPEG, JPEG, JPEG2000, PNG, PICT, BMP, Photoshop native
JPEG-Quality:	can be defined in the range of 1-100
EPSF previews:	EPS previews in Mac- or PC-format
Resolution:	any value in dpi, retain the resolution or scaling in pixel (width and height)
Masks:	retain or ignore masks

Color space conversion:

Color space:	Lab, RGB, CMYK, 8-bit gray scale, bilevel, 8-bit indexed
Rendering intents:	absolute and relative colorimetric, perceptive, saturation
Black Point Comp.:	For rendering intents relative colorimetric, perceptive, saturation
ICC-Profiles:	embedded, referenced or untagged
Device link:	Conversion by device link profiles
Color depth:	8-bit and 16-bit

Setting of file information without conversion:

Resolution:	set image resolution. E.g. set digital camera jpeg to 300dpi
Dimension:	set image dimensions E.g. set digital camera jpeg to 10x15cm
ICC-Profiles:	tag images with ICC-Profiles (embedded or referenced) or remove ICC-Profiles
Clipping paths:	remove clipping paths from image file

Any HELIOS ImageServer supported file format can be used for conversion, with the exception of vector-EPS (for example Illustrator-EPS).

Please bear in mind that not all combinations of formats and parameters are possible.

Log files

In case of any conversion error, the error is written to an error file into the sub folder “-error“. The file concerned is moved to this folder. All errors are also written to a log file. Every use of ICC-Profiles is also logged to the log file.

What is the conversion quality?

The conversion is carried out by HELIOS ImageServer in very high, recognized quality. imageConvert has no influence on this quality or on the convertibility of image files.

For which platforms is imageConvert available?

imageConvert has been developed and tested on Mac OS X, Linux and Solaris.

imageConvert should run also on other HELIOS supported platforms. E.g. on IBM AIX it is in use by customers.

What are the requirements?

imageConvert 2.2 uses the technology of the HELIOS ImageServer UB+.

Requirements are: ImageServer UB+ with the latest updates.

With PDF HandShake the conversion of PDF files to other formats is also supported.

Depending on the type and scope of the conversion, the server hardware should have enough reserved power to run these.

Installation?

The installation can be carried out simply and quickly according to the instructions. Only basic Unix skills are required.

How much does imageConvert 2.2 cost?

The price for imageConvert is EUR 821,10 including 19% VAT (690 net) without installation, and includes one month's installation support.

Any other questions concerning imageConvert 2.2?

If you have any additional question, please do not hesitate to contact us. We prefer contacts by e-mail.

Order information

Please order imageConvert 2.2 in writing at GW Datentechnik or at your local reseller. We will need your HELIOS ImageServer serial number and a valid e-mail address for registration with your order.

As a customer in the EU, if you provide us with your VAT ID when ordering from outside Germany, we can deduct the VAT from your invoice.

When we receive your order, we send our banking account information to you. The order has to be prepaid by wire transfer. Delivery is as compressed file by e-mail only.

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