

Configuration Options

This technical document contains a description of configuration options which can be defined in the *Options* dictionary in the *Configuration* dictionary in a job control file.

General

DocumentColorSpace

ICC profile that defines the document color space.

DstProfile

ICC profile that defines the target color space.

DocumentConversion

Defines the conversion from document color space into target color space. Possible values:

- 0: No conversion
- 2: Conversion using source and destination profile
- 6: Conversion using device link profile

DLProfile

The device link profile. Only valid if *DocumentConversion* is 6.

DocumentConversionSmartLink

Specifies if SmartLink shall be used for conversion from document color space into target color space. Only valid if *DocumentConversion* is set to 2.

- 0: Don't use SmartLink (standard ICC conversion)
- 1: Use SmartLink

DocumentConversionRenderingMode

Rendering for conversion from document color space into target color space.

- "Perceptual"
- "Relative Colorimetric"
- "Saturation"
- "Absolute Colorimetric"
- "Default Compression" (SmartLink only)
- "Blackpoint Compensation" (SmartLink only)

- “Absolute Compression” (SmartLink only)
- “Dynamic Compression” (SmartLink only)
- “Minimal Compression” (SmartLink only)
- “Automatic Paper Relative” (SmartLink only)
- “Automatic Paper Absolute” (SmartLink only)
- “Auto” (SmartLink with custom presets only)

SmartLinkMethod

SmartLink method for conversions into target color space.

- “TraditionalPrint”
- “TraditionalPrintAutoExceptions”
- “LargeFormatPrint”
- “DigitalPrint”
- “Custom”

SmartLinkPresetCMYK

Only valid for SmartLink method “Custom”. Specifies the SmartLink preset (profiling settings) for SmartLink conversion of CMYK data into the target color space. The value is a name of an existing SmartLink or a full path to file containing the preset (usually a .dlcfg file exported from CoPrA).

SmartLinkPresetRGB

Only valid for SmartLink method “Custom”. Specifies the SmartLink preset (profiling settings) for SmartLink conversion of RGB data into the target color space. The value is a name of an existing SmartLink or a full path to file containing the preset (usually a .dlcfg file exported from CoPrA).

SmartLinkPresetMC

Only valid for SmartLink method “Custom”. Specifies the SmartLink preset (profiling settings) for SmartLink conversion of Multicolor data into the target color space. The value is a name of an existing SmartLink or a full path to file containing the preset (usually a .dlcfg file exported from CoPrA).

SmartLinkPresetGRAY

Only valid for SmartLink method “Custom”. Specifies the SmartLink preset (profiling settings) for SmartLink conversion of GRAY data into the target color space. The value is a name of an existing SmartLink or a full path to file containing the preset (usually a .dlcfg file exported from CoPrA).

SmartLinkOptions

A bit field specifying SmartLink options (currently only one) - Bit 0: If set, SmartLink conversions are not skipped in case of equivalent source and target profiles.

SmartLinkTAC

Specifies the desired TAC value for SmartLink conversion with method "TACReduction".

EmbedDstProfile

Specifies if the target color space profile shall be embedded into the output file.

- 0: Do not embed the profile
- 1: Embed the profile

PreferOISrc

Specifies if an embedded PDF output intent shall be used as document color space instead of the profile specified in *DocumentColorSpaceProfile*.

- 0: Ignore output intent
- 1: Prefer output intent

PreferOIDst

Specifies if an embedded output intent shall be used as target color space instead of the profile specified in *DstProfile*.

- 0: Don't prefer output intent
- 1: Prefer output intent

CorrectionMode

Specifies if a correction DeviceLink profile shall be applied.

- 0: don't apply correction DeviceLink profile
- 1: apply correction DeviceLink profile

CorrectionDLProfile

The CorrectionDeviceLink profile to apply. Only valid if *CorrectionMode* is 1.

CorrectionDstProfile

The corrected target profile. Only valid if *CorrectionMode* is 1.

EmbedCorrectionDstProfile

Specifies if the corrected target profile shall be embedded into the output file instead of the original target profile. Only valid if *CorrectionMode* is 1.

Image/Vector

Conversion settings for different color spaces can be specified by a set of dictionaries under the following keys:

CMYKImage

Dictionary containing conversion settings for CMYK image data. See “Conversion settings dictionary” for details.

RGBImage

Dictionary containing conversion settings for RGB image data. See “Conversion settings dictionary” for details.

GrayImage

Dictionary containing conversion settings for GRAY image data. See “Conversion settings dictionary” for details.

LabImage

Dictionary containing conversion settings for Lab image data. See “Conversion settings dictionary” for details.

CMYKVector

Dictionary containing conversion settings for CMYK vector data. See “Conversion settings dictionary” for details. Only valid if *ConvertVector* = 1” and *ConvertVectorLikeImages* = 0*.

RGBVector

Dictionary containing conversion settings for CMYK vector data. See “Conversion settings dictionary” for details. Only valid if *ConvertVector* = 1” and *ConvertVectorLikeImages* = 0*.

GrayVector

Dictionary containing conversion settings for GRAY vector data. See “Conversion settings dictionary” for details. Only valid if *ConvertVector* = 1” and *ConvertVectorLikeImages* = 0*.

LabVector

Dictionary containing conversion settings for Lab vector data. See “Conversion settings dictionary” for details. Only valid if *ConvertVector = 1* and *ConvertVectorLikeImages = 0**.

ConvertVector

Specifies if vector graphics shall be converted.

- 0: Don't convert vector graphics
- 1: Convert vector graphics

ConvertVectorLikeImages

Specifies if vector graphics shall be converted using the same settings as images. Only valid if *ConvertVector* is 1.

- 0: Don't convert vector graphics like images
- 1: Convert vector graphics like images

Spot colors

SpotColorsConversion

Specifies the conversion of spot colors.

- 1: Convert spot colors using PDF alternate color space and tint transform
- 2: Preserve spot colors (default)
- 3: Convert spot colors

UndefinedSpotColorHandling

Defines handling of spot colors which can't be resolved

- 0: Use alternate color space information from document
- 1: Don't convert
- 2: Error

DefaultSpotColorOption

Specifies the calculation method for spot color conversion.

- 5: Precise match - proofing
- 1: Visual match - utilize more channels
- 2: Use the least amount of channels possible
- 4: Use a maximum of two channels

- 6: Use a maximum of three channels

PreferedSpotColorsLibs

List of Comma separated strings specifying spot color libraries used to resolve spot colors. Each string is either the name of an already registered library or a full path to an external file, e.g. CxF.

UseOtherSpotColorsLibs

Specifies if all registered spot color libraries shall be searched when a spot color was not found in the libraries specified in *PreferedSpotColorsLibs*.

ReportWarning_SpotColorDE

Specifies what to report when a spot color conversion exceeds a delta E limit.

- 0: Do nothing special
- 1: Write a warning in to the job report (if a report is generated)
- 2: Raise an error

The limit can be set with *SpotColorDEWarningLimit*.

SpotColorDEPreserve

Specifies if a spot color exceeding the limit specified with *SpotColorDEWarningLimit* shall be excluded from conversion (that means, it will still be present in the converted file). This option is usually used together with *ReportWarning_SpotColorDE = 1*.

0 - do not exclude the spot color from conversion 1 - exclude the spot color from conversion

SpotColorDEWarningLimit

Specifies the delta E limit for *ReportWarning_SpotColorDE*. Default is 2.5.

SpotColorClipLimit

Specifies the minimum tone value of an output ink used for optimizing spot color full tones.

SpotColorMoireMode

Specifies handling of dot-on-Dot combinations

- 0: Do not avoid problems with dot-on-dot-combinations
- -1: Avoid problems with dot-on-dot-combinations

SpotColorLinearity

Specifies the linearity setting for spot colors.

- -3: Automatic linearity
- 33: Linearity according to ISO 20654

SpotColorMergeType

Specifies the merging color space for spot colors.

- -1: Source profile
- -2: Target profile
- -3: Automatic

SpotColorBlackStart

Specifies the black start value for spot color optimization.

ConvertSpotColorAll

Specifies if the special spot color named “All” (a special PDF Separation color space meaning “all separations”) shall be converted.

- 0: convert spot color “All”
- 1: don't convert spot color “All”

PrintingOrderFromDocument

Specifies if the printing order information from the PDF document shall be used to determine the printing order.

- 0: ignore printing order information from document
- 1: use printing order information from document

PrintingOrder

A dictionary specifying the printing order settings. See “Printing order dictionary” for details.

CIEConversionSettings

Specifies parameters (illumination, observer) used to convert spectral data from spot color libraries into CIE Lab. The value of this option is a dictionary containing the following key/value pairs:

SpotColorRules

Specifies spot color rules. The value is an array where each element is a dictionary describing a spot color rule, see “Spot color rule dictionary” for details.

More options

BlackPointCompensation

Specifies if black point compensation shall be applied by default.

- 0: Don't apply black point compensation by default
- 1: Apply black point compensation by default

This option may be overridden by black point compensation settings in PDF 2.0.

IgnorePDFRenderingIntents

Specifies if rendering intents defined in PDF documents shall be applied.

- 0: Apply rendering intents specified in PDF files
- 1: Ignore rendering intents specified in PDF files

This option also applies to black point compensation settings in PDF 2.0 files.

PreservePureBlack

Specifies if black and gray vector graphics shall be excluded from color conversion.

PreserveWhite

Specifies if white graphics shall be excluded from color conversion. This applies to image and vector.

PreserveText

Specifies if text shall be excluded from color conversion.

ImageCompressionMethod

Specifies how image data will be compressed after conversion

- “Auto”: Automatic
- “ZIP”: Lossless (ZIP/Flate for PSD/PDF, LZW for TIFF)
- “JPEG”: JPEG/DCT

ImageCompressionPreferredLosslessFormat

The preferred file format for saving converted image files in lossless compression.

- “PSD”
- “TIFF”

ImageCompressionQuality

Quality setting for JPEG compression. If the option is a number between 0 and 100, it specifies the JPEG quality, where 0 denotes lowest quality and 100 denotes best quality”. Negative numbers stand for predefined qualities:

- -1: Maximum quality
- -2: High quality
- -3: Medium quality
- -4: Low quality

RescaleActive

Specifies if image files and images in PDF files shall be downscaled.

- 0: Don't downscale images
- 1: Downscale images

RescaleDPI

Specifies the resolution in dots per inch, to which images shall be downscaled. Only valid if *RescaleActive* = 1.

RescaleMinDPI

Specifies the resolution in dots per inch, which an image must originally have to be rescaled. Only valid if *RescaleActive* = 1.

SharpenPreset

Specifies which predefined preset shall be used for sharpening, or if custom sharpening shall be used.

- “NoSharpen”: Don't apply sharpening
- “ModerateSharpenAll”: Moderate sharpening of all images
- “StrongSharpenRGBGray”: Strong sharpening of RGB and GRAY images
- “SharpenScaledImages”: “Moderate sharpening of downsampled images”
- “Custom”: Custom sharpening specified with *SharpenActive*, *SharpenRange*, *SharpenRangeUnit*, *SharpenThreshold*, *SharpenFactor*

SharpenActive

Bit flags which specifies what type of images shall be sharpened.

- Bit 1 (2): CMYK
- Bit 2 (4): RGB
- Bit 3 (8): Gray
- Bit 4 (16): Lab
- Bit 5 (32): Multicolor Only valid for sharpen preset "Custom".

SharpenRange

The radius of the sharpen range. Only valid for sharpen preset "Custom".

SharpenRangeUnit

The unit in which *SharpenRange* is specified.

- 0: Pixel
- 1: Point (1/72 inch)
- 2: mm

Only valid for sharpen preset "Custom".

SharpenThreshold

Threshold value for sharpening. Only valid for sharpen preset "Custom".

SharpenFactor

Amount value for sharpening. Only valid for sharpen preset "Custom".

CalcInkAmountDst

Specifies if the ink amount of the converted fill will be calculated and the result written into the job report.

CalcInkAmount

Specifies if the ink amount of the original and of the converted file and the achieved ink saving will be calculated and written into the job report.

PSLayersOption

Specifies the handling of PhotoShop layers and transparency in PSD and TIFF files.

- 0: Remove - no Transparency (ZePrA 6)

- 1: Retain Layers, if possible, don't create extra layers for converted spot colors
- 2: Don't change layers
- 3: Remove - add Transparency Channel (ZePrA 5)
- 4: Remove - keep Transparency (visibility of the "checkerboard")
- 5: Retain Layers, if possible, create one extra layer the merged conversion result of all spot colors
- 6: Retain Layers, if possible, create an extra layer for each converted spot color These values can be bitwise combined with the following values:
 - 256: Remove Smart Object related data from layers. This makes only sense for layers containing pixel data. Can be combined with one of the "Retain layers" options, 1, 4, and 5.
 - 512: Apply color conversion only on visible layers. Can be combined with one of the "Retain layers" options, 1, 4, and 5.

Description

Any text by the choice of the user, containing a description of the configuration, notes, etc.

PDF

PreserveOverprint

Specifies if the overprint behavior of vector elements in PDF shall be left unchanged if possible when the color space changes.

ConvertTransparencies

Specifies if transparency elements in certain blend modes shall be excluded from color conversion.

- 0: do not color convert transparent elements in certain blend modes
- 1: convert all transparent elements

PDFXOutputIntent

Defines output intent settings for the output PDF.

- 0: Don't change
- 1: No output intent
- 2: Embed target profile as output intent
- 3: Embed another profile as output intent

PDFXOutputIntentProfile

The ICC profile which shall be embedded as output intent. Only valid if *PDFXOutputIntent* = 3.

PDFXInfo

Info entry to be written into the output intent dictionary.

PDFXOutputCondition

OutputCondition entry to be written into the output intent dictionary.

PDFXOutputConditionIdentifier

OutputConditionIdentifier entry to be written into the output intent dictionary.

PDFXRegistryName

RegistryName entry to be written into the output intent dictionary.

PDFTagData

Specifies if the target profile shall be embedded into the PDF using ICCBased color spaces.

PDFPasswords

List of passwords to try when converting password protected PDFs. The passwords are separated by comma, semicolon or white space, which implies that these characters can't be part of a password.

PageRangeOption

Allows to exclude pages from color conversion or remove them from a PDF file.

- 0: Convert all pages (default)
- 1: Convert page range defined in *PageRange*, leave the rest unchanged
- 2: Don't convert page range defined in *PageRange*, convert the rest
- 3: Convert page range defined in *PageRange*, remove the rest from the PDF file
- 4: Remove page range defined in *PageRange*, convert the rest

PageRange

Comma separated list of terms defining the page range. A term is a page number or a range of page numbers in the form "a-b" or an expression enclosed in []. The expression can contain the following placeholders: first, last, mid.

ShadingCompatibility

When writing PDF files, avoid certain PDF features, which, although legal, can cause certain RIPs to fail printing the PDF.

RemovePieceInfo

Remove private application data from PDF files.

PDFLayerRules

Specifies PDF layer rules. The value is an array of dictionaries, each of which describing a PDF layer rule. See “PDF Layer Rule Dictionary” for details.

TransparencyReduction

A dictionary specifying the settings for transparency reduction. See “Transparency reduction settings dictionary” for details.

Gradients

ApplyGradientsImages

- 0: don't apply gradation rules on images
- 1: apply gradation rules on images

ApplyGradientsVector

- 0: don't apply gradation rules on vector graphics
- 1: apply gradation rules on vector graphics

GradationRules

Specifies gradation rules. The value is a JSON array, where each element is dictionary describing a gradation rule. See “Gradation settings dictionary” for details.

Proofing

MediaWedgesV2

A dictionary specifying media wedge settings. See “Media wedge settings dictionary” for details.

Conversion settings dictionary

A conversion settings dictionaries may contain the following options:

Conversion

Specifies how data shall be converted.

- 0: No conversion
- 1: Convert into document color space
- 2: Convert into target color space
- 3: Only supported for Gray. Gray data is converted like CMYK where the CMY channels are zero and the K equals the gray value.

ApplyEmbedded

Specifies if embedded ICC profiles shall be used as source profile if available.

- 0: Don't use embedded profiles
- 1: Use embedded profiles

ApplyDocCS

Specifies if the document color space shall be used as source profile. Valid only if *ApplyEmbedded-CMYKImage* is 0 or the data has no embedded profile. The document color space will be applied if it is compatible.

- 0: Don't use document color space
- 1: Use document color space

SrcProfile

Specifies the ICC profile that shall be used as source profile if neither an embedded profile nor the document color space is applied.

SmartCMM

Specifies if SmartLink shall be used.

- 0: Don't use SmartLink
- 1: Use SmartLink

This option is not supported for Lab.

SmartCMMMethod

The SmartLink method. Only valid if *SmartCMM* is 1.

- "None": No SmartLink (standard ICC conversion)
- "Default" (predefined automatic method)
- any SmartLink preset name

RenderingMode

Specifies the rendering. See *DocumentConversionRenderingMode* for a list of possible values.

Printing Order Dictionary

Mode

Specifies the printing order setting.

- 0: Dark -> Light
- 1: Light -> Dark
- 2: Custom printing order specified with *Channels*

Channels

A string containing a comma separated list of ink names, specifying a custom printing order in the case *Mode = 2*.

CIE conversion settings dictionary

Mode

Specifies the illumination. Some modes require additional information in *Value*.

- 0 - D50
- 1 - D65
- 2 - A
- 4 - Daylight radiation with temperature specified in *Value* in the format "T Kelvin", where T is the temperature in Kelvin. Example: "6000 Kelvin"
- 5 - XYZ value specified in *Value* in the format "Y Y Z XYZ", where X, Y, Z are the XYZ color values. Example: "95.05 100.00 108.89 XYZ"
- 6 - spectral value specified in *Value* in the format "... Emission", where ... stands for 36 numbers. Example: "0.34 0.42 0.69 0.79 0.84 0.81 1.04 1.22 1.26 1.27 1.33 1.28 1.33 1.35 1.35 1.42 1.40 1.43 1.39 1.36 1.38 1.30 1.36 1.38 1.38 1.33 1.38 1.33 1.37 1.44 1.38 1.22 1.28 1.30 1.07 1.21 Emission"

Observer

- 0 - 2 degrees
- 1 - 10 degrees

Value

See *Mode*.

Examples

D65, 10 degrees:

```
"CIEConversionSettings":  
{  
  "Mode": 1,  
  "Observer": 1  
}
```

Daylight 6000 Kelvin, 2 degrees:

```
"CIEConversionSettings":  
{  
  "Mode": 4,  
  "Observer": 0,  
  "Value": "6000 Kelvin"  
}
```

Spot Color Rule Dictionary

Name

The name of the spot color to which this rule applies.

Conversion

Specifies how the spot color shall be processed.

- 0 - no conversion
- 1 - automatic conversion
- 4 - output values
- 2 - Alternate color space
- 3 - Remove
- 8 - Replace

Library

The name of the spot color library which shall be searched for target values

Alias

The name which shall be looked up in the library instead of the original spot color name.

DstValue

Output values for conversion mode 4. The format is a series of numbers, one per channel, followed by a color space signature. Example: "0.0 5.8 67.4 0.0 CMYK"

ActiveChannels

Bit field specifying which channels shall be used for optimizing (Conversion = 1)

Opacity

Opacity value which overrides the opacity from the spot color library.

PDF Layer Rule Dictionary

Name

The name of the PDF layer to which this rule applies. If the name begins with "ProcessingSteps:", the remaining part of the name specifies a processing step (ISO 19953-1). If the name is "InvisibleLayers", all layers set to invisible are addressed.

Active

- 0 don't apply this rule
- 1 apply this rule

Option

Specifies how the addressed layer shall be processed.

- 0 - no special treatment
- 1 - don't convert
- 2 - remove

Transparency reduction settings dictionary

Active

Specifies if transparency reduction shall be applied on PDF files which contain transparencies.

- 0 Don't apply transparency reduction (default). All other transparency options are ignored.

- 1 Apply transparency reduction

Rasterize

Specifies if the file shall be rasterized and converted into a single image per page.

- 0 - Don't rasterize the file. Transparencies are reduced under preservation of vector and image elements if possible.
- 1 - Rasterize the file.

RasterizeAlways

Specifies if the check transparencies and overprinting shall be skipped before rasterizing. When this option is set, all PDF files will be rasterized even if they do not contain transparencies or overprinting. Only valid if *Rasterize* is 0.

- 0 - Check for transparencies and overprinting
- 1 - Don't check for transparencies and overprinting

PixelVector

Integer value in the range 0-100 specifying the raster/vector balance.

VectorResolution

Integer value specifying the resolution for vector and text.

ShadingResolution

Integer value specifying the resolution for shadings.

ConvertText2Path

Convert all text to outlines.

ConvertContour2Path

Convert all strokes to outlines.

TrimComplexAreas

Clip complex regions.

SetPageTransparencyCSToDocumentCS

Use document color space as transparency color space on page level.

PreserveOverprinting

Preserve overprints.

PreserveOverprintEffects

Preserve overprint appearance.

Timeout

The limit in minutes after which a running transparency reduction will be cancelled. This avoids potential blocks in certain cases of complex PDF files which cause the vector based transparency reduction take too long. When the limit is reaches, either an error occurs or the fill will be rasterizes, depending on the value of *RasterizeAfterTimeout*.

RasterizeAfterTimeout

Specifies the behaviour after the transparency reduction reached timeout.

- 0 - Generate an error
- 1 - Rasterize the file

RasterResolution

Integer value specifying the resolution when rasterizing.

RasterFormat

Output format for rasterizes files.

- 0 - PDF (default)
- 1 - Pixel file

RasterSmooth

Smooth Text and Vector Graphics.

Preset

Name of the preset to be used. This option is only valid if Rasterize is 0. If the preset name is not "Custom", transparency reduction options are overwritten with predefined values according to the following tables.

"Default" - High resolution for printing

PixelVector	100
VectorResolution	2400

ShadingResolution	300
ConvertText2Path	0
ConvertContour2Path	0
TrimComplexAreas	1
PreserveOverprinting	1

“DissolveOverprinting” - Dissolve overprinting

PixelVector	100
VectorResolution	2400
ShadingResolution	300
ConvertText2Path	0
ConvertContour2Path	0
TrimComplexAreas	1
PreserveOverprinting	0

“ResolutionForProofPrinting” - Resolution for Proof Printing.

PixelVector	75
VectorResolution	720
ShadingResolution	360
ConvertText2Path	0
ConvertContour2Path	1
TrimComplexAreas	1
PreserveOverprinting	0

“RasterizeAllGraphicsAndText” - Rasterize all graphics and text.

PixelVector	0
VectorResolution	2400
ShadingResolution	300
ConvertText2Path	0
ConvertContour2Path	0
TrimComplexAreas	1
PreserveOverprinting	1

Gradation settings dictionary

Name

The name of channel to which this rule applies.

Active

- 0 don't apply this gradation rule
- 1 apply this gradation rule

Gradation

The name of the gradation curve which shall be applied.

Media wedge settings dictionary

MediaWedges

Array of dictionaries, each specifying a media wedge. See "Media wedge dictionary".

Options

Dictionary specifying options related to media wedge layout. See "Media wedge options dictionary".

Media wedge dictionary

Active

Specifies if the media wedge is placed on the page.

- 0: The media wedge is not placed
- 1: The media wedge is placed

Convert

Specifies if the media wedge is in simulation color space. Only valid if *ProofInfo* is not 1.

- 0: The media wedge is in simulation color space
- 1: The media wedge is not in simulation color space

Position

Specifies the position where the media wedge is placed in relation to the page content

- -1: Automatic

- 0: Bottom Margin
- 1: Right Margin
- 2: Top Margin
- 3: Left Margin

Dynamic

Specifies if the media wedge id created dynamically. Only valid if *ProofInfo* is not 1.

- 0: The media wedge is loaded from a file as specified in *File*.
- 1: The media wedge is created dynamically

ProofInfo

Specifies if this media wedge is proofing information in text form.

- 0: The media wedge is not proofing information
- 1: The media wedge is proofing information

CustomText

Specifies if the proofing information is described by custom text. Only valid for *ProofInfo* = 1

- 0: The proofing information is generated automatically, using a default text
- 1: The proofing information is generated based on the value of the *Text* option

Text

Specifies the text used for proofing information. Only valid if *ProofInfo* = 1" and *CustomText* = 1*.

The following variables can be used in the text: \$Date, \$JobName, \$ApplicationVersion, \$Configuration, \$SrcProfile, \$DstProfile, \$RenderingIntent

File

Specifies the file from which the media wedge is loaded. Only valid if *Dynamic* is not 1.

Media wedge options dictionary

FontSize

Specifies the font size (pt) to be used for text.

WhiteSpace

Specifies the width in mm of the white space around the patches.

PlaceOnEveryPage

Specifies if the media wedge shall be positioned on every page of a multipage PDF.

- 0: The media wedge is placed on the first page only
- 1: The media wedge is placed on every page

DefaultChartWidth

Specifies the default chart width (mm).

PatchWidth

Specifies the patch width (mm).

PatchHeight

Specifies the patch height (mm).

Gap

Specifies the width of gaps between patches.

- 0: automatic
- 1: 0.5 mm
- 2: 1.0 mm
- 3: 2.0 mm
- 4: no gap

Dist

Specifies the patch distribution.

- 0: normal
- 1: random
- 2: sorted

PatchesPerSpotColor

Specifies the number of patches per spot color.

Job Warnings

ReportWarnings

A dictionary specifying reporting settings for job warnings. Each entry in the dictionary specifies the settings for one job warning. The key is the name of the warning and the value is an integer which can take one of the following values:

- 0: deactivate this warning
- 1: report a warnings in the job report (if a job report is generated)
- 2: treat as error

This is the list of warning names:

RasterizeToRGBGray

The file has been rasterized into the RGB oder GRAY target color space, so that spot color settings became effect-less.

OutputIntentWrongColorSpace

The option "Prefer PDF Output Intent" has been deactivated, because the color space is incompatible with the configuration settings.

NoPagesConverted

No pages were converted, according to the settings in the configuration.

EmbeddedProfileIgnored

An embedded Profile has been ignored.

PageRangelIgnored

The page range has been ignored.

SkippedFaxDecode

Skipped color conversion of CCITTFax compressed image(s).

TransparencyColorSpacesDoesntMatch

The Transparency Blending Space on Page Level does not match the Document Color Space.

RasterizeAfterTimeout

The file has been rasterized after a timeout during transparency reduction.

SpotColorNameAmbiguity

The file contains spot colors names in different spellings which can cause ambiguities.

SpotColorNameEncoding

One or more spot color names contain special characters but are not UTF-8 encoded and may have not been recognized correctly.

EmbeddedProfileCorrupt

An embedded Profile is corrupt.

RGBWithSpot

The combination of RGB and spot colors can yield unexpected results.

ImageNoColorConversion

The image file was not color converted due to the selected settings.

LargeTIFF

The generated TIFF file is larger than 4 GB. Please check the file and, if necessary, set the preferred lossless format in the configuration tab "Options" to "PSD".

LayerConversion2MultiColorNotPossible

Photoshop layers can't be converted into Multicolor. The layers have been removed.

TextLayerNotConverted

A text layer has possibly not been converted completely.

SmartFilterNotRemoved

A SmartFilter couldn't be removed.

PSLayerCantChangeByteOrder

PhotoShop layers can't be retained when a TIFF file in "little endian" byte order is converted into PSD and have been removed.

KeepTransparencyAsAlphaNotPossible

A transparency channel has not been added.

PSDAdjustmentLayerColorSpaceChange

The file contains adjustment layers which may cause issues after a color space (mode) change.

PSLayersNotSavedInJPEG

Photoshop layers can't be saved in JPEG. The layers have been removed.

MediaWedgeNotPlacedWrongColorSpace

A media wedge was not placed because the color space is not compatible.

MediaWedgeWrongColorSpace

Incompatible Media Wedge Color Space

TintTransformUsed

Channels from the document color space have been converted with PDF alternate color space and tint transform.

MediaWedgeReferenceLabNotCalculatedSource

For the dynamic media wedge in simulation color space no Lab reference values have been calculated.

MediaWedgeReferenceLabNotCalculatedTarget

For the dynamic media wedge in proofer color space no Lab reference values have been calculated.

MediaWedgeReferenceLabNotCalculatedSourceRendering

For the selected rendering intent no Lab reference values have been calculated for the dynamic media wedge in simulation color space.

RemovedZeroSizeObject

An object of zero size has been removed

SpotColorConversionNotComplete

A converted spot color is still used in the PDF file.

MediaWedgeReducedDim

Not all spot colors have been included in the dynamic media wedge.

UnknownOption

Unknown option. Please check the Job Control file.

SpotColorDEClipLimit

The dE2000 threshold has been exceeded for one or more spot colors. Please check the clip limit.

SpotColorDE

The dE2000 threshold has been exceeded for one or more spot colors.