

Writify

APP DOCUMENTATION



GrafiStore_r

Inhoudsopgave

1.	Writify explained.	3
1.1	Text and textfiles	3
1.2	Barcodes, QR codes and Data matrix codes	3
1.3	Images and PDF Pages.	3
1.4	Special marks	3
1.5	Form fields.	3
1.6	Positioning.	3
2.	Write text / textfile	4
2.1	Text.	4
2.2	Write textfile	4
3.	Write barcode/QR code/datamatrix code.	6
3.1	Write barcode	6
3.2	Write QR code.	6
3.3	Write datamatrix code	7
4.	Write rectangle / laymark.	8
4.1	Write rectangle	8
4.2	Write laymark	8
5.	Write image or single PDF page	9
6.	Write form	10

1. Writify explained

WRITE (ALMOST) ANYTHING IN A PDF FILE

Writify gives you the ability to write text, text files, barcodes, QR codes, Data matrix codes, images (JPEG/PNG), PDF pages or special marks (e.g. for cutting machines) on a page in a PDF file. Writify also lets you fill in a form with textfields.

1.1 Text and textfiles

You can write text (single-line/multi-line text) or the contents of a textfile to a PDF page. When selecting this option, you have the ability to select locally installed TrueType or OpenType Fonts, or point to a TrueType or OpenType font file. Other font types are not supported.

1.2 Barcodes, QR codes and Data matrix codes

Choose from more than 100 different types of barcodes, including QR and/or Data matrix codes. These codes are written on a page as grayscale JPEG image, containing a black code with white background. It's possible to add background padding around the code.

1.3 Images and PDF Pages

JPEG, PNG images and a single PDF page can be written on a PDF page at any desired size, position and rotation. Images are mostly written in RGB, so for a PDF that has to be printed, we highly recommend using PitStop Server to convert the images to CMYK afterwards. If you write a PDF page from a donor PDF that already has a CMYK colorspace, there's no need for corrections.

1.4 Special marks

Writify comes with two options for writing special marks to a PDF page. Rectangle and laymark. Rectangle gives you the ability to write any sized rectangle to a PDF page, laymark gives you the ability to write an angle sign to one of the four corners of a PDF page. These two options, combined with a well positioned barcode, will be sufficient to control most of the finishing machines.

1.5 Form fields

Filling in form fields in a PDF is also available and very easy. Simply define the textfield and the value that needs to be entered, and Writify will do all the work for you.

1.6 Positioning

With 26 predefined positions and x- and y-offset corrections for each position, hitting that special spot is extremely simple. Or, you can simply define the correct X and Y positions and rotation with custom positioning.

Positioning ALWAYS starts from the bottom left corner of the object that's written.

2. Write text / textfile

2.1 Text

<i>Text to write:</i>	Single-line or multi-line text (can be defined with variables).
<i>Write text on page:</i>	Page number of the incoming PDF file where the text must be written.
<i>Text position:</i>	Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

'Default position properties'

<i>Auto rotate text:</i>	After choosing from the list of positions, text can be rotated by setting this property to 'Yes'.
<i>Text x-offset:</i>	Distance in mm from the outer edge of the PDF page on the x-axis.
<i>Text y-offset:</i>	Distance in mm from the outer edge of the PDF page on the y-axis.

'Custom position properties'

<i>Text X position:</i>	X-axis position in mm where the bottom left corner of the text has to be positioned.
<i>Text Y position:</i>	Y-axis position in mm where the bottom left corner of the text has to be positioned.
<i>Text rotation:</i>	Text can be rotated by x degrees.
<i>Font:</i>	Select from local installed fonts, or choose a font file (TrueType and OpenType only).
<i>Font size:</i>	Font size in points.
<i>Character spacing:</i>	Space between characters in points.
<i>Text color:</i>	CMYK color in percentages: 0,0,0,100 (100% black) 0,0,0,0 (white)

Notes:

- When using a default position, the x-axis is always from the outer edge of the PDF, relative to the position. Meaning that x-offset on the left position is x mm from the left edge, x-offset on the right position is x mm from the right edge.
- Fonts sometimes have some extra space around the letters, what can cause a position to differ slightly (usually around 1/1.5mm).
- Multi-line text will be positioned from the left corner of the first line. Every other line will follow below with the default line height.

2.2 Write textfile

<i>Text file:</i>	Select text file to write to PDF page
<i>Write text file on page:</i>	Page number of the incoming PDF file where the text must be written.
<i>Text X position:</i>	X-axis position in mm where the bottom left corner of the first line of the text has to be positioned.
<i>Text Y position:</i>	Y-axis position in mm where the bottom left corner of the first line of the text has to be positioned.
<i>Font:</i>	Select from local installed fonts, or choose a font file (TrueType and OpenType only).
<i>Font size:</i>	Font size in points.
<i>Character spacing:</i>	Space between characters in points.
<i>Width of the text frame:</i>	Width of the text frame in mm
<i>Text color:</i>	CMYK color in percentages: 0,0,0,100 (100% black) 0,0,0,0 (white)

Notes:

- Only plain text files can be used. Text decoration (bold/italic/etc.) is not possible.
- Text will not automatically overflow into a new PDF page. Excess text will disappear.
- Fonts sometimes have some extra space around the letters, what can cause a position to differ slightly (usually around 1/1.5mm).
- Text file will be positioned from the bottom left corner of the first line. Every other line will follow below with the default line height.

3. Write barcode/QR code/datamatrix code

3.1 Write barcode

- Select barcode:* Select from an extensive list of barcodes/QR codes/datamatrix codes (over 100)
- Write barcode on page:* Page number of the incoming PDF file where the barcode must be written.
- Barcode position:* Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

'Default position properties'

- Auto rotate barcode:* After choosing from the list of positions, the barcode can be rotated by setting this property to 'Yes'.
- Barcode x-offset:* Distance in mm from the outer edge of the PDF page on the x-axis.
- Barcode y-offset:* Distance in mm from the outer edge of the PDF page on the y-axis.

'Custom position properties'

- Barcode X position:* X-axis position in mm where the bottom left corner of the barcode has to be positioned.
- Barcode Y position:* Y-axis position in mm where the bottom left corner of the barcode has to be positioned.
- Barcode rotation:* Barcode can be rotated by x degrees.
- Padding:* Extra white space around the barcode in mm.
- Barcode height:* Height of the barcode in mm.
- Show readable content below barcode:* Yes/No
- Barcode content:* The actual content/value of the barcode.

3.2 Write QR code

- Select QR code:* Select from a list of 6 different QR codes
- Write QR on page:* Page number of the incoming PDF file where the QR must be written.
- QR position:* Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

'Default position properties'

- Auto rotate QR:* After choosing from the list of positions, the QR can be rotated by setting this property to 'Yes'.
- QR x-offset:* Distance in mm from the outer edge of the PDF page on the x-axis.
- QR y-offset:* Distance in mm from the outer edge of the PDF page on the y-axis.

'Custom position properties'

- QR X position:* X-axis position in mm where the bottom left corner of the QR has to be positioned.
- QR Y position:* Y-axis position in mm where the bottom left corner of the QR has to be positioned.

<i>QR rotation:</i>	QR can be rotated by x degrees.
<i>Padding:</i>	Extra white space around the QR in mm.
<i>QR height:</i>	Height of the QR in mm.
<i>QR content:</i>	The actual content/value of the QR code.

3.3 Write datamatrix code

<i>Select datamatrix code:</i>	Select from a list of 8 different datamatrix codes
<i>Write Datamatrix on page:</i>	Page number of the incoming PDF file where the datamatrix must be written.
<i>Datamatrix position:</i>	Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

‘Default position properties’

<i>Auto rotate Datamatrix:</i>	After choosing from the list of positions, the datamatrix can be rotated by setting this property to ‘Yes’.
<i>Datamatrix x-offset:</i>	Distance in mm from the outer edge of the PDF page on the x-axis.
<i>Datamatrix y-offset:</i>	Distance in mm from the outer edge of the PDF page on the y-axis.

‘Custom position properties’

<i>Datamatrix X position:</i>	X-axis position in mm where the bottom left corner of the data matrix has to be positioned.
<i>Datamatrix Y position:</i>	Y-axis position in mm where the bottom left corner of the Data matrix has to be positioned.
<i>Datamatrix rotation:</i>	Datamatrix can be rotated by x degrees.
<i>Padding:</i>	Extra white space around the datamatrix in mm.
<i>Datamatrix height:</i>	Height of the datamatrix in mm.
<i>Datamatrix content:</i>	The actual content/value of the atamatrix code.

Notes:

- Barcodes, QR codes and datamatrix codes are placed as greyscale JPG images with a minimum resolution of 300dpi.
- Colors (code/background) cannot be changed at this point.
- Only height can be set for a code. The width is automatically calculated. When a specific width is needed, feel free to play with the height until the required width is reached.

4. Write rectangle / laymark

4.1 Write rectangle

Rectangle width in mm:	Rectangle width in mm.
Rectangle height in mm:	Rectangle height in mm.
Write rectangle on page:	Page number of the incoming PDF file where the rectangle must be written.
Rectangle position:	Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

'Default position properties'

Rectangle <i>x</i> -offset:	Distance in mm from the outer edge of the PDF page on the x-axis.
Rectangle <i>y</i> -offset:	Distance in mm from the outer edge of the PDF page on the y-axis.

'Custom position properties'

Datamatrix <i>X</i> position:	X-axis position in mm where the bottom left corner of the data matrix has to be positioned.
Datamatrix <i>Y</i> position:	Y-axis position in mm where the bottom left corner of the Data matrix has to be positioned.
Rectangle color:	CMYK color in percentages: 0,0,0,100 (100% black) 0,0,0,0 (white).

4.2 Write laymark

Line length in mm:	Laymark line length in mm.
Line thickness in mm:	Laymark line thickness in mm.
Write laymark on page:	Page number of the incoming PDF file where the laymark must be written.
Laymark position:	Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.
Laymark <i>x</i> -offset:	Distance in mm from the outer edge of the PDF page on the x-axis.
Laymark <i>y</i> -offset:	Distance in mm from the outer edge of the PDF page on the y-axis.
Laymark color:	CMYK color in percentages: 0,0,0,100 (100% black) 0,0,0,0 (white).

Notes:

- Laymarks can only be positioned in one of the corners of a document.
- Line length is set for both lines, it's not possible to set length of lines individually.

5. Write image or single PDF page

<i>Path to image/PDF:</i>	Set the path to the image / PDF that has to be written, or select a file.
<i>Image/PDF size:</i>	Width and height of the image/PDF page in mm., separated by comma. E.g.: 30,30. Will scale the image/PDF page bicubic.
<i>Write imag/PDF on page:</i>	Page number of the incoming image/PDF where the image/ PDF page must be written.
<i>Image or PDF position:</i>	Choose from a list of predefined positions, or use Custom for manually added x- and y- coordinates.

‘Default position properties’

<i>Auto rotate image/PDF:</i>	After choosing from the list of positions, the image/PDF can be rotated by setting this property to ‘Yes’.
<i>Image/PDF x-offset:</i>	Distance in mm from the outer edge of the PDF page on the x-axis.
<i>Image/PDF y-offset:</i>	Distance in mm from the outer edge of the PDF page on the y-axis.

‘Custom position properties’

<i>Image/PDF X position:</i>	X-axis position in mm where the bottom left corner of the image/ PDF has to be positioned.
<i>Image/PDF Y position:</i>	Y-axis position in mm where the bottom left corner of the image/ PDF has to be positioned.
<i>Image/PDF rotation:</i>	Image/PDF can be rotated by x degrees.

Notes:

- Only PNG and JPG images can be placed.
- When placing RGB images, use PDF correction software (e.g. PitStop Server) to convert RGB to CMYK.

6. Write form

Form fields:

Form fields to fill can be specified by:

fieldname1=value1

fieldname2=value2



fieldname3=value3

fieldname4=value4

Notes:

- Only textfields can be filled out at this moment.



 www.grafistore.nl
 info@grafistore.nl
 +31 (0)546 – 85 02 31

GrafiStore_r