

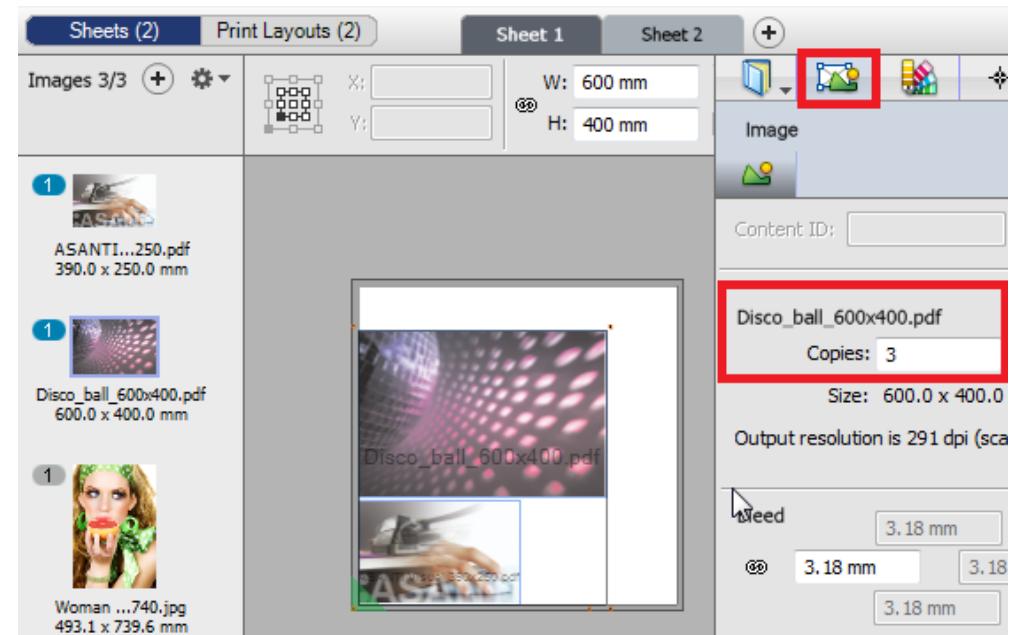
Interactively placing marks

This tutorial demonstrates how to use the interactive marks editor.

Download the Asanti Sample Files via the Asanti Client (Help > Asanti Online > Download Sample Files).

1. Create a layout job

1. File>New Layout Job.
2. Set media size: 800x800mm.
3. In the Finishing inspector, select Cutter: Zünd, Finishing margins: iCut Corner marks, between 10.
4. Import images: Disco_ball_600x400.pdf, Woman with grapefruit 493x740.jpg, ASANTI Visual 390x250.pdf.
5. Place image **ASANTI Visual 390x250.pdf** on sheet 1
6. Place image **Disco_ball_600x400.pdf** on sheet 1.
7. Set copy count of **Disco_ball_600x400.pdf** to 3.
8. Set copy count of **ASANTI Visual 390x250.pdf** to 4.
9. Place **Woman with grapefruit 493x740.jpg** on sheet 2.
10. Open the **Mark sets inspector**, **Mark set Zünd** is automatically enabled based on mark sets conditions (Because the cutter **Zünd** is selected.).

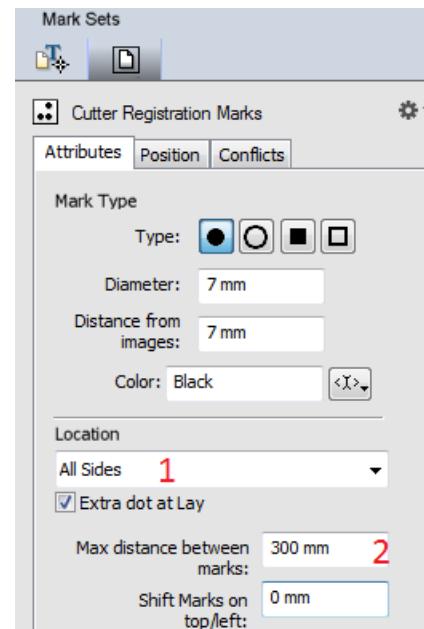


2. Change Cutter registration marks

1. Select sheet 1.
2. Zoom in to one of **cutter registration marks** (icut marks) to zoom level $\frac{1}{2}$.
3. Select the (selection) tool. Select one of cutter registration marks.
4. Select the second tab in the mark sets inspector. This tab shows the **interactive marks editor**.



5. Change the location of the cutter registration marks to **All Sides** (1).
6. Change **max distance between marks** (2) to 300mm, click the tab key to apply the last change.
7. Zoom to fit.
8. The cutter registration marks are placed on all sides of the sheet.
9. Select sheet 2, the change of the cutter registration marks is not applied to sheet 2.
10. Select sheet 1 again.

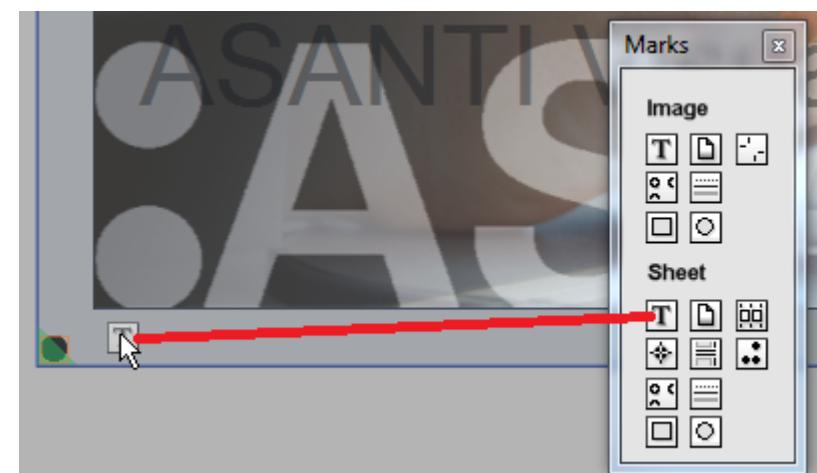


3. Add a sheet text mark

1. Click the marks icon in the toolbar to open the **marks palette**.



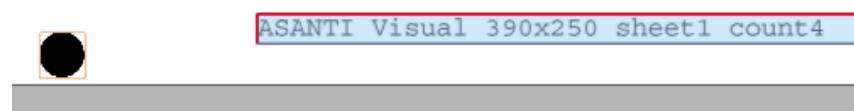
2. Drag a text sheet mark to the bottom margin of sheet 1.



3. Select the attributes tab, click in the text field.
4. Remove the text in the text field.
5. Click the dropdown icon (1).
6. From the drop down list choose \$job.name (2).

7. Type a space
8. Type the word **sheet**
9. From the dropdown, select \$sheet.name
10. Type a space.
11. Type the word **count**
12. From the dropdown, select \$sheet.run_length
13. Set the **length** (3) to e.g. 120mm so it will fit longer job names.

14. Select the **position** tab. If the position tab is not visual, click the cogwheel (4) >Show Advanced Properties.
15. Set anchor point of the mark to top left (5).
16. Set the reference to image block (6).
17. Set Horizontal value to 20 mm right of left edge (7).
18. Set vertical value to 4mm below bottom edge (8).
19. Zoom in to the mark.
20. The variable \$sheet.run_length is resolved into 4. This means the sheet must be printed 4 times.
21. This is because the sheet contains an image with the requested copy count of 4.



The screenshots illustrate the configuration of a 'Text Mark' in the ASANTI Visual software:

- Screenshot 1 (Attributes Tab):** Shows the 'Text' field containing '\$job.name' (highlighted with a red box labeled 2) and the 'Font' dropdown set to 'Courier' (highlighted with a red box labeled 2). The 'Text' field itself is highlighted with a red box labeled 1.
- Screenshot 2 (Position Tab):** Shows the 'Length' field set to '120 mm' (highlighted with a red box labeled 3).
- Screenshot 3 (Position Tab):** Shows the 'Horizontal' field set to '20 mm' (highlighted with a red box labeled 7) and the 'Vertical' field set to '4 mm' (highlighted with a red box labeled 8). The 'Target' dropdown is set to 'Image Block' (highlighted with a red box labeled 6).

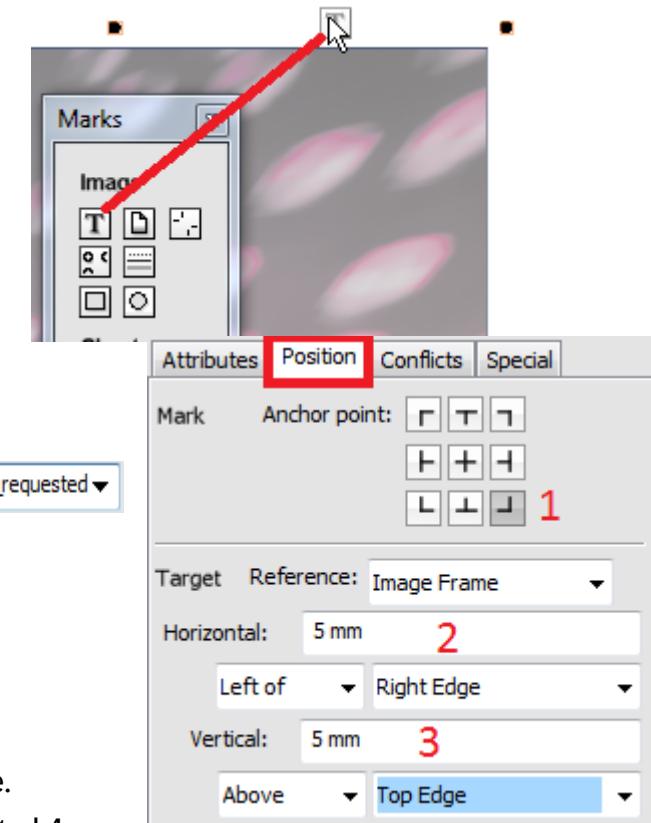
4. Add an image text mark

1. From the **marks palette**, drag a text image mark above the top right side of image **Disco_ball_600x400.pdf**.
2. While dragging the mark, the image **Disco_ball_600x400.pdf** gets a lighter color, this means the mark will be placed for this specific image.
3. In the interactive marks editor>attributes tab, click in the text field.
4. Remove the text in the text field. Add the text:

```
$image.document_name page: $image.document_page  
actualcount: $image.copy_count_actual requested:  
$image.copy_count_requested
```

Text:

5. Click the position tab.
 6. Set the anchor point of the mark to right bottom (1).
 7. Set horizontal 5 mm **left of right edge** (2).
 8. Set vertical 5 mm above top edge (3).
 9. Zoom in to the mark.
- The **requested image copy count** is set to 3 because 3 copies where requested for this image.
 - The **actual count** is set to 4 because the sheet will be printed 4 times. The sheet will be printed 4 times because the other image on the same sheet has a requested copy count of 4.

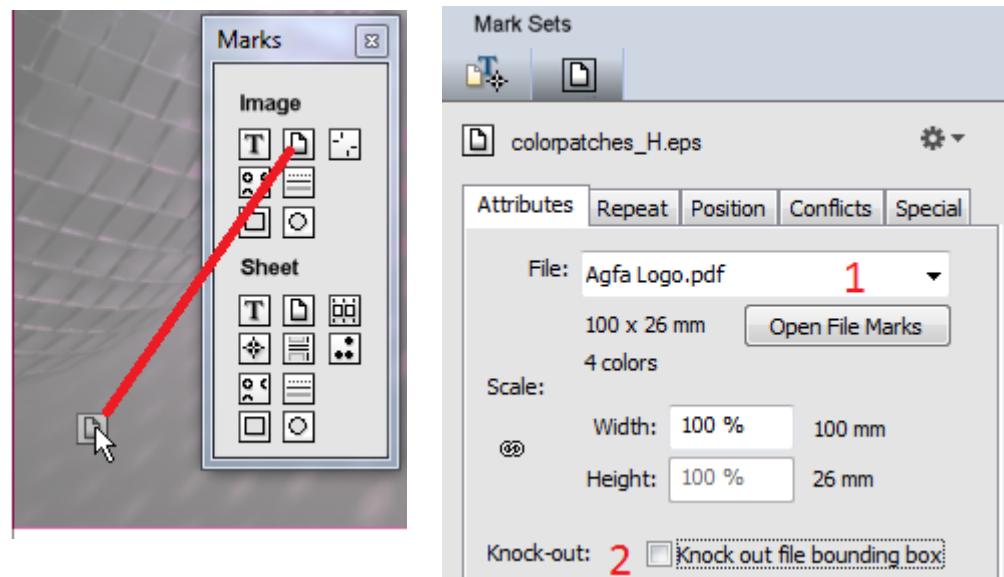
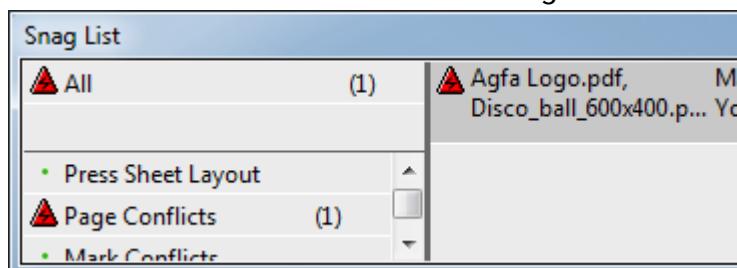


The other variables `$image.document_name` and `$image.document_page` are only resolved when they are rendered.

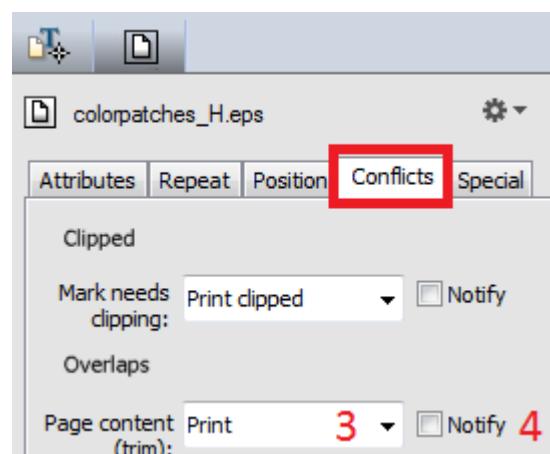


5. Add a file image mark on top of an image

1. Drag an **image** file mark to the bottom left side of image **Disco_ball_600x400.pdf**.
2. In the interactive marks editor>attributes tab, select the file **Agfa Logo.pdf** (1).
3. Uncheck **Knock out file bounding box** (2). This will make areas without content inside the mark transparent.
4. Window>Show Snag List. The Snag List shows an error: The mark runs into the content of an image.

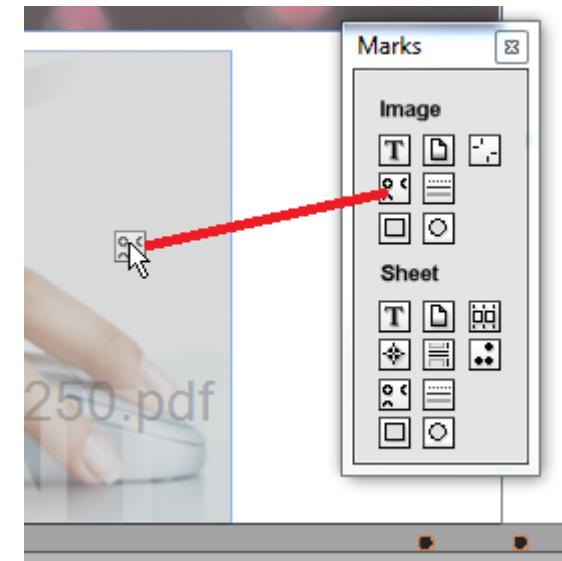
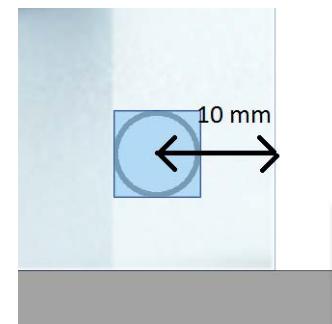
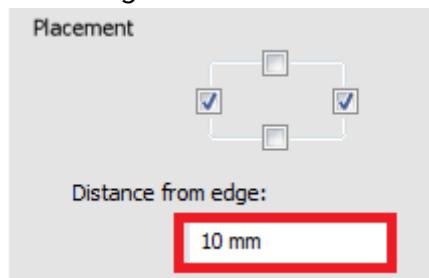


5. Close the Snag List.
6. Select the interactive marks editor> **conflicts** tab.
7. Set **page content** to **Print** (3).
8. Uncheck the **Notify** checkbox (4).
9. The error is removed from the snag list.



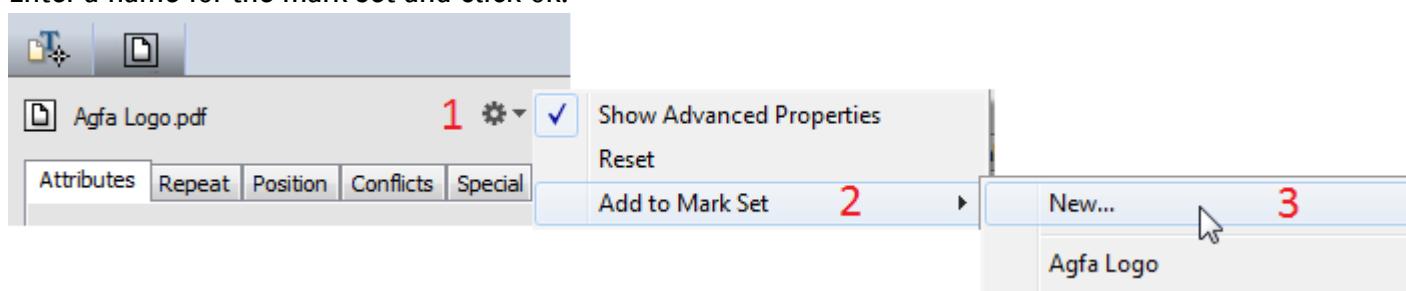
6. Add grommets

1. From the marks palette, drag an image Grommets mark to the image ASANTI Visual 390x250.pdf.
2. Select the interactive marks editor>Attributes tab.
3. Set e.g. the distance from edge to 10 mm (= distance frame – circle center). Click the tab key to apply the change.

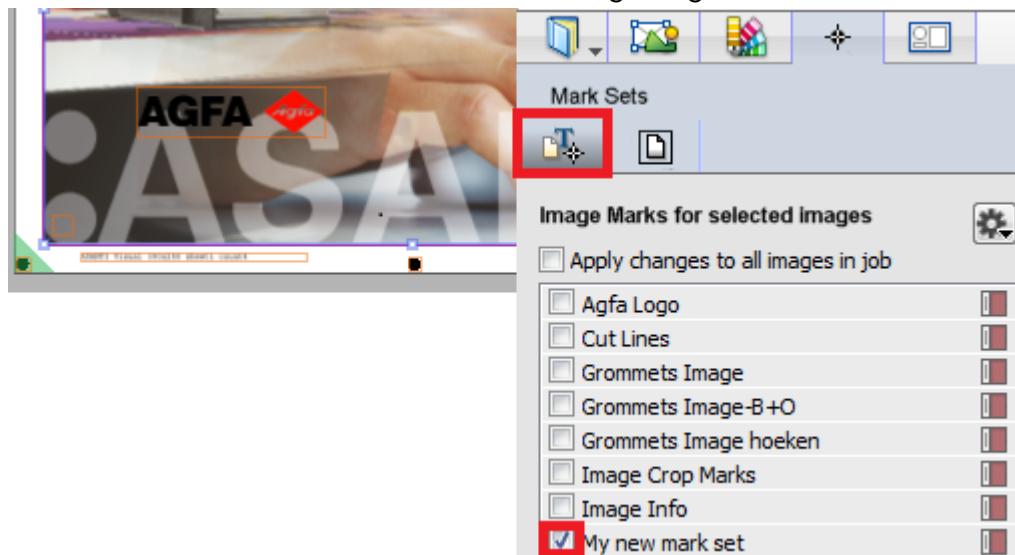


7. Add a manually placed mark to a mark set

1. On sheet 1, select (use the selection tool) the Agfa logo that is placed on the image Disco_ball_600x400.pdf.
2. In the interactive marks editor, click the cog-wheel (1)>Add to mark set (2)>New... (3).
3. Enter a name for the mark set and click ok.



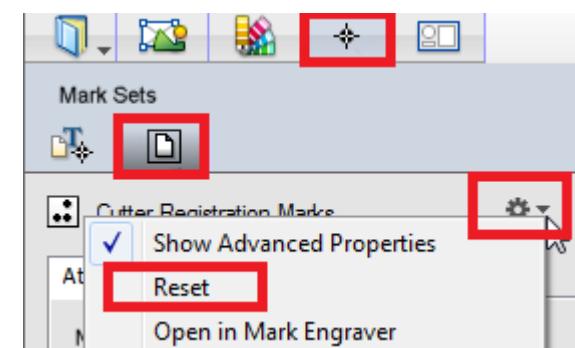
4. On sheet 1, select image **ASANTI Visual 390x250**.
5. In the marks set inspector, click the first tab.
6. Select your new mark set.
7. ASANTI Visual 390x250 now also shows the Agfa Logo.



8. Reset a mark

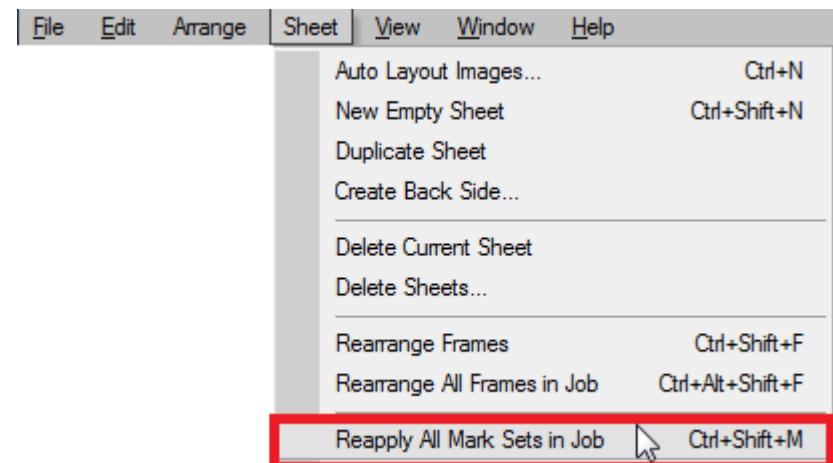
This option doesn't work for marks placed using the marks palette.

1. On sheet 1, select (use the selection tool) one of cutter registration marks.
2. In the interactive marks editor, click the cog-wheel>reset
3. The mark set is reset to the settings in the original mark set (5 dots per sheet for the **Zünd** mark set).
4. Click **Ctrl-z** to re-apply the changes.



9. Re-apply marks

1. Select Sheet>re-apply all mark sets in job.
 - Marks that are manually placed using the marks palette are not touched.
 - Marks placed via a condition (The **cutter registration marks**) are reset to the settings in the original mark set (5 dots per sheet for the **Zünd** mark set).
 - The Agfa Logo is removed from the images because it is included in a mark set and this mark set was enabled manually. This mark set has no condition to place it automatically for this job.



10. Manually remove marks

1. On sheet 1, select (use the selection tool) one of the **cutter registration marks**.
2. All dots for this mark set are selected.
3. Click the delete-key.
4. All dots for this mark set are deleted.
5. Undo (Ctrl-z).
6. On sheet 1, select (use the Segment selection tool) one of cutter registration marks.
7. Only one dot of this mark set is selected.
8. Click the delete-key.
9. One dot is deleted.
10. Submit the job>Print files: Hold.