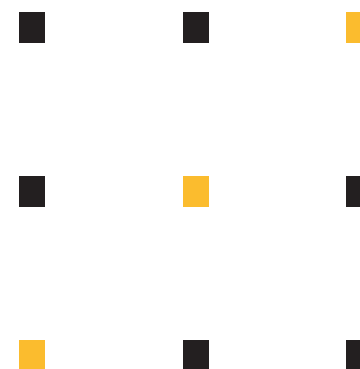




WHITE PAPER

# PREPS

Page Mark Behaviour



September 2023

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This document was created for customers who are planning to upgrade and currently use PREPS **Page and Page Bleed** Marks.

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# INTRODUCTION

Historically some PREPS **Page/Page Bleed** marks encountered unexpected placement as far back as version 7. Although under-reported, it was well known anchoring marks to the **Page/Page Bleed FOOT** provided the most reliable results.

With the development of 64bit PREPS 9 and our attempt to streamline (reduce) the anchor choices available for Page Marks, unexpected placement was encountered. This was mostly resolved for versions 9.0.x by using the configuration line item “-RETAINLEGACYANCHORMARK:YES” within the PREPS profile.

In PREPS 9.5, new logic was introduced as a solution to many reported **Page/Page Bleed** mark anchor issues found in PREPS 9.0.x. PREPS 10.x continues to utilize this new logic.

This document was created for customers who are planning to upgrade and currently use PREPS **Page and Page Bleed** Marks. It covers PREPS versions 8.4 through 10 and illustrates what to expect for existing, output and creation of **Page and Page Bleed** marks.

We focused on Text Mark **page** anchors as they are most widely used. Our testing has shown similar behaviour using Custom, Line & Rectangle Marks.

In the illustrations that follow, marks have been color coded to help identify anchor position.

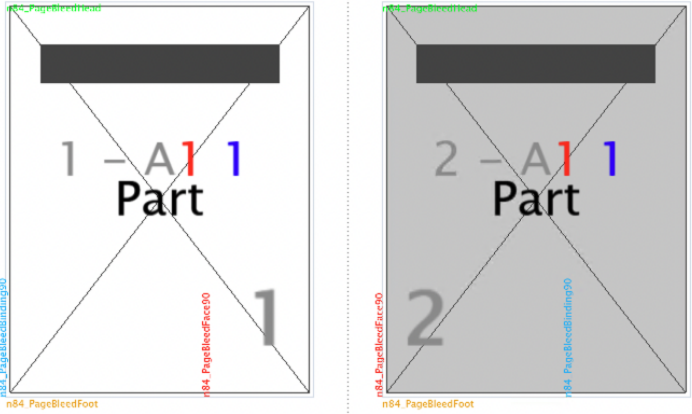
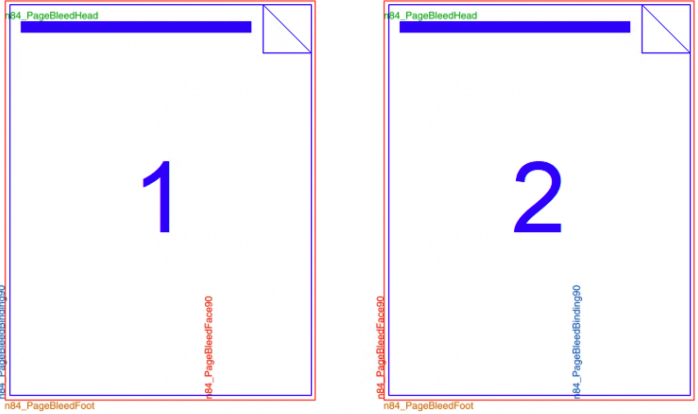
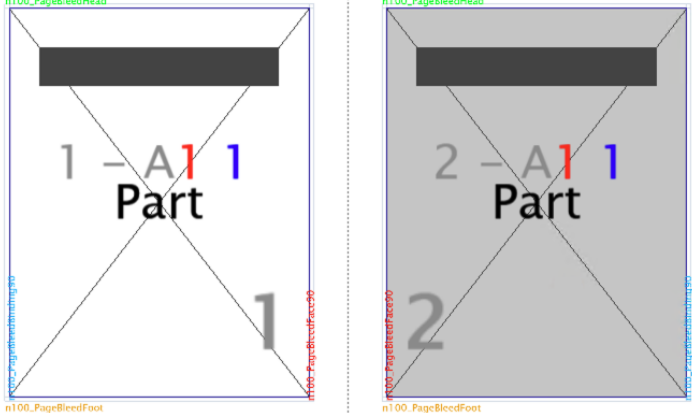
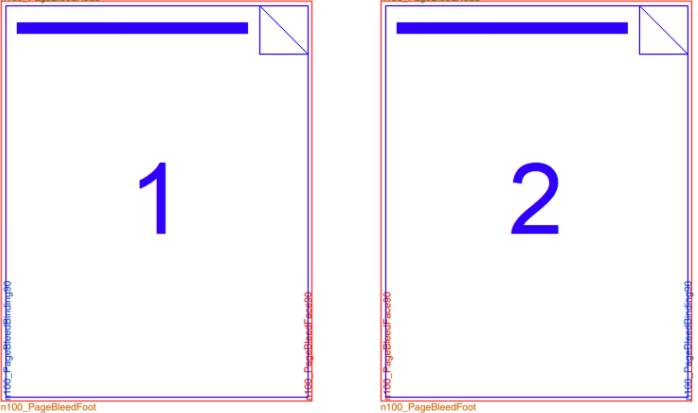
**HEAD | BINDING | FACE | FOOT**



# OVERVIEW

Where we started and where we are now.

Comparison showing text marks & imposition created and output in PREPS version 8.4 and 10. No XY offsets have been applied.

PREPS 8.4 Sandbox	PREPS 8.4 VPS	Comments
 <p>PREPS 8.4 Sandbox imposition showing page 1 and 2. Page 1 contains the text '1 - A1 1 Part' and page 2 contains '2 - A1 1 Part'. The imposition includes bleed marks: n84_PageBleedHead (green), n84_PageBleedFoot (orange), and n84_PageBleedFace90 (red).</p>	 <p>PREPS 8.4 VPS imposition showing page 1 and 2. Page 1 contains the number '1' and page 2 contains the number '2'. The imposition includes bleed marks: n84_PageBleedHead (blue), n84_PageBleedFoot (orange), and n84_PageBleedFace90 (red).</p>	<p><b>HEAD:</b> PREPS = Mark in content, VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>
PREPS 10 Sandbox	PREPS 10 VPS	Comments
 <p>PREPS 10 Sandbox imposition showing page 1 and 2. Page 1 contains the text '1 - A1 1 Part' and page 2 contains '2 - A1 1 Part'. The imposition includes bleed marks: n100_PageBleedHead (green), n100_PageBleedFoot (orange), and n100_PageBleedFace90 (red).</p>	 <p>PREPS 10 VPS imposition showing page 1 and 2. Page 1 contains the number '1' and page 2 contains the number '2'. The imposition includes bleed marks: n100_PageBleedHead (blue), n100_PageBleedFoot (orange), and n100_PageBleedFace90 (red).</p>	<p><b>HEAD:</b> PREPS and VPS match</p> <p><b>BINDING:</b> PREPS and VPS match</p> <p><b>FACE:</b> PREPS and VPS match</p> <p><b>FOOT:</b> PREPS and VPS match</p>



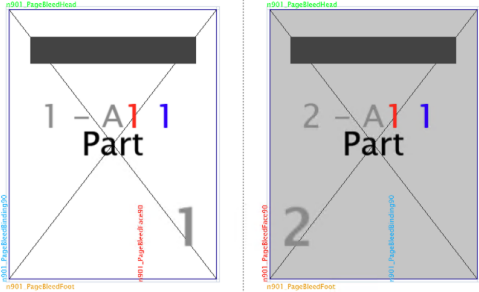
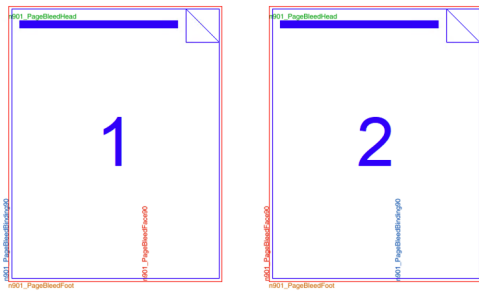
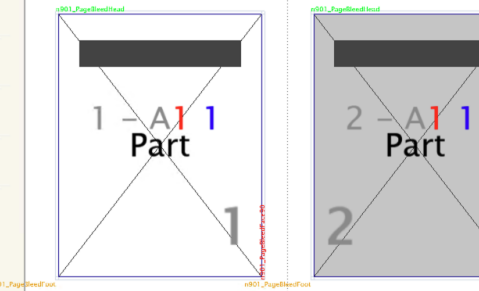
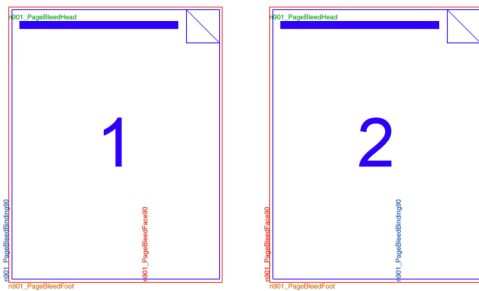
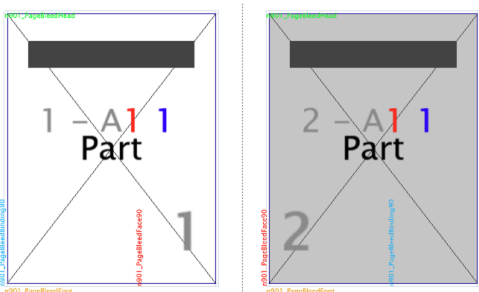
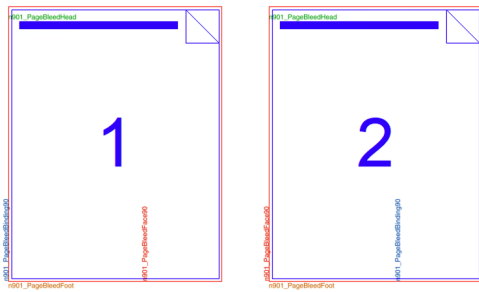
# BREAKDOWN 1 PREPS 8.4 to 9.0.x, 9.5, 10

Marks and imposition created in 8.4. No XY offsets applied. Imposition opened and saved in newer version without changes.

Created in 8.4	PREPS Sandbox	VPS Output	Comments
PREPS 8.4			<p><b>HEAD:</b> PREPS = Mark in content VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>
Open & saved in PREPS 9.0.1			<p><b>HEAD:</b> PREPS = Position correct VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>
Open & saved in PREPS 9.0.2/9.0.3			<p><b>HEAD:</b> PREPS = Position correct VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FACE:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FOOT:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p>
Open & saved in PREPS 9.5/10			<p><b>HEAD:</b> PREPS = Mark in content VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>

# BREAKDOWN 2 PREPS 9.0.1 to 9.0.2/9.0.3, 9.5/10

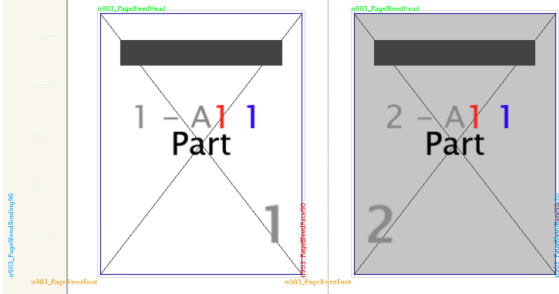
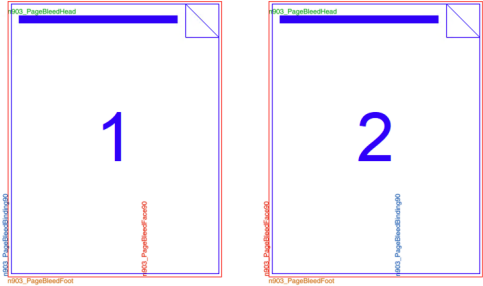
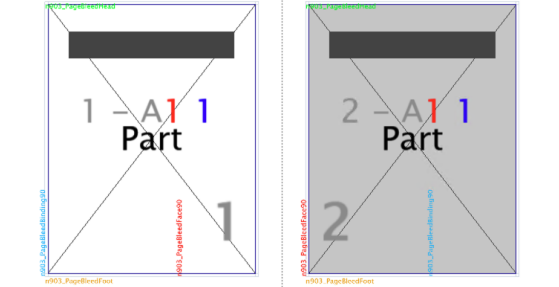
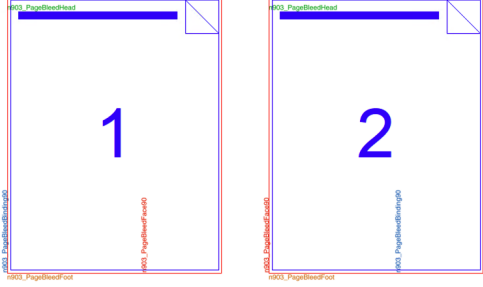
Marks and imposition created in 9.0.1. No XY offsets applied. Imposition opened and saved in newer version without changes.

Created in 9.0.1	PREPS Sandbox	VPS Output	Comments
PREPS 9.0.1			<p><b>HEAD:</b> PREPS = Position correct VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>
Open & saved in PREPS 9.0.2/9.0.3			<p><b>HEAD:</b> PREPS = Position correct VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FACE:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FOOT:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p>
Open & saved in PREPS 9.5/10			<p><b>HEAD:</b> PREPS = Mark in content VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>



# BREAKDOWN 3 PREPS 9.0.2/9.0.3 to 9.5/10

Marks and imposition created in 9.0.1. No XY offsets applied. Imposition opened and saved in newer version without changes.

Created in 9.0.2/9.0.3	PREPS Sandbox	VPS Output	Comments
PREPS 9.0.2/9.0.3			<p><b>HEAD:</b> PREPS = Position correct VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FACE:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p> <p><b>FOOT:</b> PREPS and VPS <b>do not</b> match Mark is shifted</p>
Open & saved in PREPS 9.5/10			<p><b>HEAD:</b> PREPS = Mark in content VPS = Mark in content &amp; shifted down</p> <p><b>BINDING:</b> PREPS and VPS match* *Even page, mark in content, shifts left</p> <p><b>FACE:</b> PREPS and VPS match* *Odd page, mark in content, shifts left</p> <p><b>FOOT:</b> PREPS and VPS match</p>



# BREAKDOWN 4 PREPS 9.5 to 10

Marks and imposition created in 9.5. No XY offsets applied. Imposition opened and saved in newer version without changes.

Created in 9.5	PREPS Sandbox	VPS Output	Comments
PREPS 9.5			<p><b>HEAD:</b> PREPS and VPS match</p> <p><b>BINDING:</b> PREPS and VPS match Mark is shifted</p> <p><b>FACE:</b> PREPS and VPS match Mark is shifted</p> <p><b>FOOT:</b> PREPS and VPS match</p>
Open & saved in PREPS 10			<p><b>HEAD:</b> PREPS and VPS match</p> <p><b>BINDING:</b> PREPS and VPS match</p> <p><b>FACE:</b> PREPS and VPS match</p> <p><b>FOOT:</b> PREPS and VPS match</p>

**NOTE:** Although the majority of Page/Page Bleed mark issues were resolved in PREPS 9.5, we recommend to revisit your marks if **ALL** of the following are true:

- Mark was created in PREPS 9.5
- Mark is anchored to Page/Page Bleed **FACE** or Page/Page Bleed **BINDING**
- Horizontal offsets were applied

Please contact the Customer Response Center if you require any assistance.





# BREAKDOWN 5 PREPS 10

Marks and imposition created in 10. No XY offsets applied. Imposition opened and saved in newer version without changes.

Created in 10	PREPS Sandbox	VPS Output	Comments
PREPS 10			<p><b>HEAD:</b> PREPS and VPS match</p> <p><b>BINDING:</b> PREPS and VPS match</p> <p><b>FACE:</b> PREPS and VPS match</p> <p><b>FOOT:</b> PREPS and VPS match</p>



## FAQs

PREPS 10.x continues to use new logic featured in 9.5.x as a solution to many reported Page and Page Bleed Mark Anchor issues found in PREPS 9.0.x.

### 1 - Who will benefit from the new logic?

**Answer:** PREPS customers actively using SmartMarks anchored to Page or Page Bleed within PREPS layouts.

### 2 - What is the procedure for applying PREPS new logic?

**Answer:** Launch PREPS. Open or create a layout with SmartMarks anchored to Page or Page Bleed. If the mark is located in an unexpected position, recreate the mark in the latest PREPS version. Save the new mark.

**Tip:** Take a screen shot of the existing SmartMark properties.

### 3 - Are mark anchors other than Page and Page Bleed affected?

**Answer:** No, the new logic is currently only intended to address Page and Page Bleed Mark Anchor issues.

### 4 - When does the new logic get applied?

**Answer:** When the new mark is created, we have added a flag that will instruct PREPS to use the new logic.

### 5 - What if I currently have “-RETAINLEGACYANCHORMARK:YES” added to my PREPS profile?

**Answer:** PREPS 9.5 & 10 ignores “-RETAINLEGACYANCHORMARK:YES” within the PREPS profile. It is no longer valid and is not necessary to remove.

### 6 - What can I expect if I do not create a new SmartMark with the new logic?

**Answer:** Marks may not retain the positioning from the version in which they were created. If created in PREPS 9.0.x you may encounter unexpected results in PREPS or on output.



## OPEN PROBLEM REPORTS

**PREPS-16682** Unexpected results on VPS Output when **Page** Marks anchored to the Binding Edge [line mark issue only]

**PREPS-16696** The issue of the Line Mark anchor to the **Page/Page Bleed** face position

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**NOTE:** The issues described in the Problem Reports listed above were discovered while testing Page/Page Bleed anchors. They were always present in legacy PREPS versions and not actually caused by Page anchor changes introduced in PREPS 9.0.2.



## CONCLUSION

To conclude, the majority of **Page/Page Bleed** mark anchor issues which occurred in PREPS 9.0.x were resolved with the new logic introduced in PREPS 9.5. We also identified and resolved some long standing **Page/Page Bleed** mark anchor issues where unexpected placement occurred as far back as PREPS 7.

KODAK strives to provide the best industry standard Imposition Software on the market. Many of our customers have benefited from the speed, accuracy and automation processes available, which is why PREPS continues to be the leading Imposition solution widely used in the print industry today.

