

InSite Preflight Messages & Examples

When uploading your files to InSite, a preflight is ran to check for potential production issues. This document will go over how to read the preflight information and will give suggestions for determining if it is a concern.

PAGES TAB - InSite Preflight Messages

After uploading your PDF to InSite, it is refined (normalized) on our server. Part of this “refining process” includes a preflight of your files. Once your files have completed the refine process, they will appear as thumbnails in the *Pages* tab on InSite. On top of each thumbnail will be one of the following icons indicating it’s preflight status.



Preflight Pass:

This icon indicates that the page passed preflight with no warnings or errors.

Pending review of the page in *Smart Review*, you could approve this page.



Preflight Warnings:

This icon indicates that while preflighting the PDF there were some issues detected that could be of concern, but won’t necessarily be problematic for printing. If your page has this preflight icon, it is recommended that you open up the page in *Smart Review* and review the warning messages listed in the *Preflight Manager*. These messages will help you determine if the PDF is acceptable to print “as is” or if a revised file is necessary.



Preflight Error (DO NOT APPROVE THIS PAGE):

This icon indicates that while preflighting the PDF there were some issues detected that fall outside the tolerances for normal printing. These issues could be problematic and could result in quality concerns in the final printed piece. If your page has this preflight icon, it is recommended that you open up the page in *Smart Review* and review the error/warning messages listed in the *Preflight Manager*. These messages will help you determine where the issue is so that you can correct and upload a revised file.

NOTE:

By giving “*Final Approval*” for any page, you are acknowledging the page is correct and ready to be printed in final form. Do not hesitate to call your Account Manager with questions or concerns.

SMART REVIEW - Preflight Manager

After starting the *Smart Review*, launch the *Preflight Manager* by clicking on the preflight icon in the toolbar at the bottom of the window. (The preflight icon is the same shape as the icons above)



The *Preflight Manager* dialog box will contain a report of the preflight performed during processing of the page. The individual preflight checks in this report will be flagged with one of the following icons:

While in *Smart Review*, if you click on any of the messages next to one of these flags, your page preview will zoom into and put a box around the element in question. This is a helpful tool for tracking down problem elements.

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INSITE PREFLIGHT EXAMPLES:

Below are descriptions of when the preflight will generate Errors and Warnings as well as suggestions about how to handle them. Ultimately it will be up to your discretion on how to move forward. Don't hesitate to call your Account Manager with questions or concerns.



Error

FONT IS NOT EMBEDDED OR KALINGA IS USED

All fonts must be embedded. Kalinga is a Windows Vista font that will produce unexpected results when refined in our front-end workflow.

- * *If you cannot outline or substitute the font, please contact your Account Manager. We may be able to do something to ensure it outputs correctly, but it will require you to approve the page once the edit has been done.*

What you should do:

A NEW PDF IS REQUIRED.

Make sure that all fonts are loaded and active before making the new PDF. If you cannot embed the font due to licensing restrictions, you will need to either outline or substitute the font. If you choose to use Kalinga, please outline it.



Warning

IMAGE RESOLUTION

The Preflight Manager will show what the resolution of the image is and what the threshold for warning is.

- * *Up-sampling an image in Photoshop does not necessarily increase the quality of the image so you can still have an image that is 300dpi but low in quality.*

What you should do:

Check the image to see if it is acceptable to use as is. If it is acceptable, you can approve the page. If it is not acceptable to run as is, a replacement page will be necessary.

A NON-PRESS COLOR SPACE IS USED

At least one element in the PDF uses RGB, ICC Based or LAB color space.

- * *While our workflow will convert the color to CMYK, it may not convert as intended so you will want to review the page to ensure it has rendered correctly.*

What you should do:

Decide if you want to accept the conversion to CMYK that has been applied to the PDF. If it is acceptable, approve the page. If it is not acceptable, a replacement page will be necessary that does not contain RGB, ICC Based or LAB colored elements.

- * *InSite is only as color accurate as your monitor. While monitors will vary in color and not be 100% accurate, if your monitor has not been calibrated with a calibration software/device, what you may be viewing may not be what is going to print.*

A SPOT COLOR IS USED

At least one element in the PDF uses a Spot color.

- * *While our workflow will convert the color to CMYK, it may not convert as intended so you will want to review the page to ensure it has rendered correctly.*

What you should do:

If the page is not intended to print with Spot inks, decide if you want to accept the conversion to CMYK that has been applied to the PDF. If it is acceptable, approve the page. If it is not acceptable, reject the page and replace it with a PDF that does not contain Spot colored elements.

- * *The color accuracy in the Smart Review is only as accurate as your monitor represents. While all non-CMYK elements will be converted to such when processed, users must understand that Publication Printers calibrates our monitors for color accuracy. We cannot guarantee color viewed on your monitor when using InSite due to varying monitors and individual settings.*

INK COVERAGE EXCEEDING THRESHOLD 360%

Total ink density (the sum of the percent values of Cyan, Magenta, Yellow, and Black) exceeds 360%.

- * *Excessive ink density can cause problems on press with elements that exceed 360% CMYK. Registration color is 400% and should never be used. Printer's marks can also trigger this warning.*

What you should do:

Any areas with ink coverage over 360% should be evaluated for risk to quality. If the risk is acceptable, approve the page.

If the Preflight manager indicates that text or other objects have a total ink density of 400%, it is advisable that you reduce the overall densite and a revised file be uploaded.

- * *Consult with your Account Manager if there are any questions.*