

# What's New in PaSharp 7.6

July 2016

## Add PaSharp Automation function:

People always pursue higher efficiency and lower worker cost, here comes with the newly releasing Founder PaSharp Automation.

## Introduction of Founder PaSharp Automation System

Founder PaSharp Automation system is going to change the prepress processing in PaSharp from manual to automatic. The system is C/S structure, composed of automation server, automation client and PaSharp processors: Automation client creates new tasks (including Ticket, Hot Folder and Job), and monitors processing status; automation server receives and manages the tasks; PaSharp processor executes the tasks and returns the results.

## Simple Workflow of Operation

1. Create an automation ticket in Automation client, the ticket can be Preflight, Step&Repeat with CAD Layout/Chart, and Auto Trapping etc.
2. Create a Hot Folder in Automation client for a batch of files, or create a job for only one file.
3. All files are displayed in the Job Manager list, and also can be moved or deleted.
4. After the file is processed, the result file will go into Output Folder.

## Ticket Manager

1. Create ticket which includes job rules and parameters.
2. Four automation modules are supported.



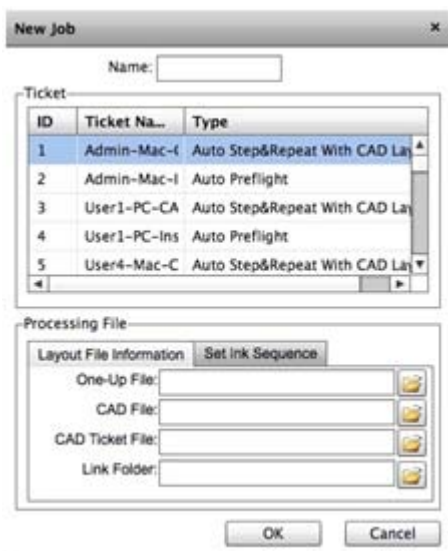
## Hot Folder Manager

Hot folder manager is used for creating activated folder. Automation server is always checking up the hot folder, if there is any file put into the folder, it will be moved and processed according to the rules and parameters of the ticket.



## Job Manager

Besides process files with hot folder, you also can process file with "New Job". The difference is that hot folder method processes batch files, and new job method can only process one file at one time.



## Benefit of Automation

Automation system increases the efficiency of process greatly, you don't need to open file one by one in Illustrator, just put the files into hot folder, and find the result file in the output folder.

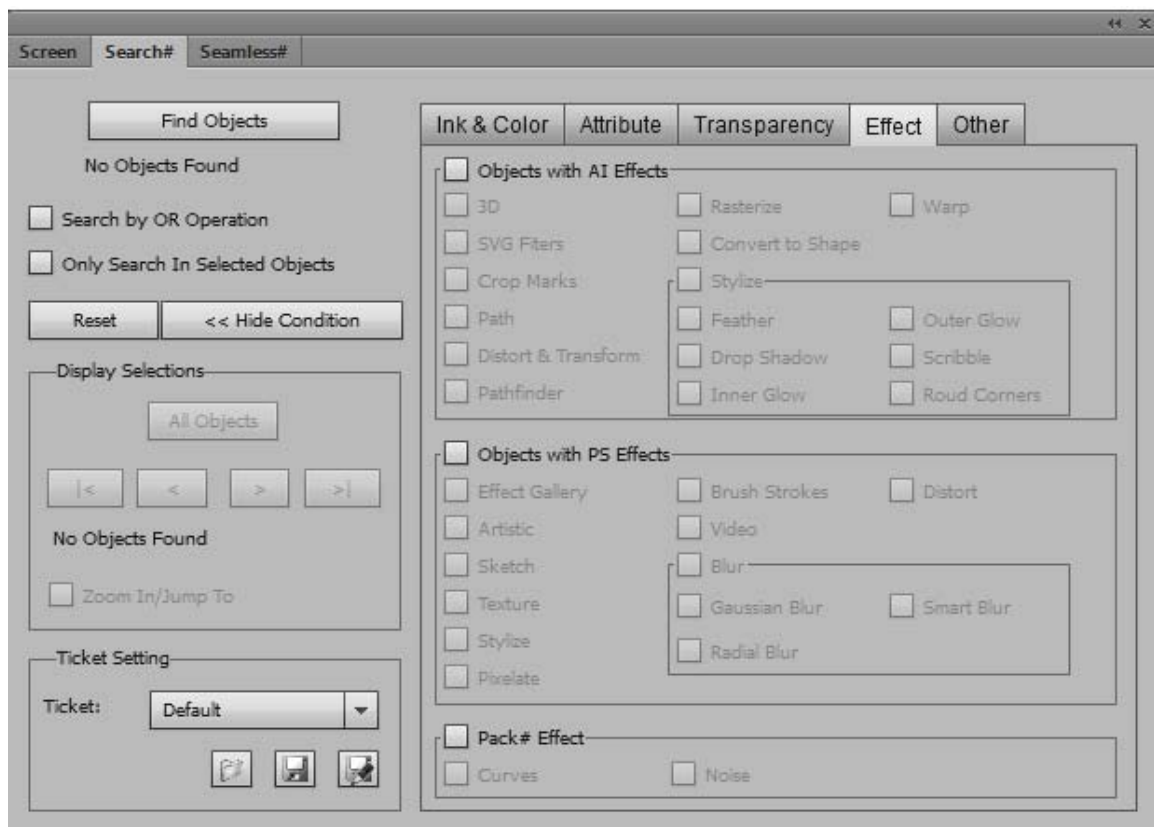
# What's New in PaSharp 7.0

Nov 2015

## 1. Support Adobe CC2015 and MAC OS X El Capitan 10.11

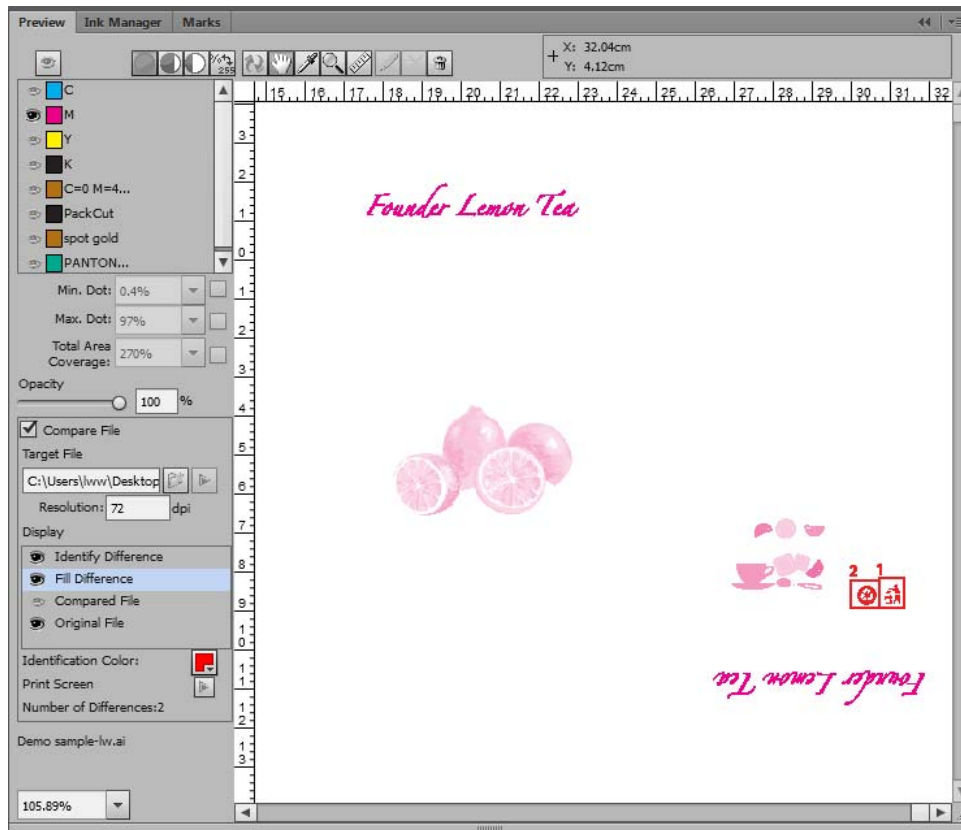
## 2. Search#:

- a. Add new search conditions.



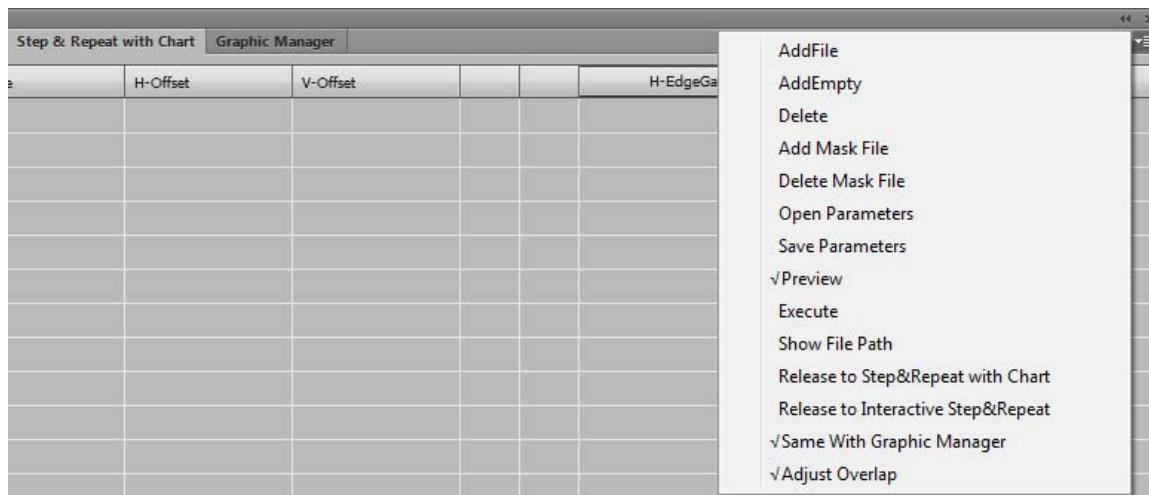
## 3. Eye#

- a. Support to compare the document by separation.



## 4. Nest#

- a. Add "Adjust Overlap" in function of "Step & Repeat with chart".

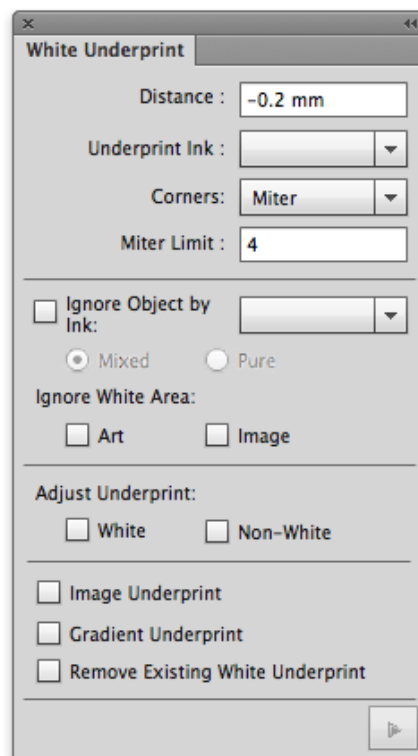


# What's New in PaSharp 6.5

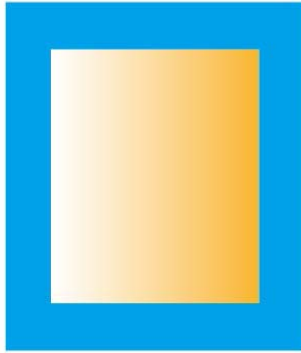
May 2015

## 5. Trap#:

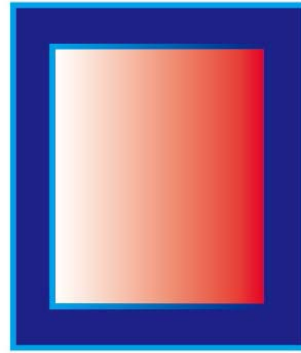
- Improve image trapping, the file size is smaller after save the file with image trapping. (do not save color pair)
- Modify the arithmetic of "Adjust Underprint" function, increase the efficiency and stability of "Adjust Underprint".
- "Adjust Underprint" function supports non-white color block.



- "Gradient Underprint" supports spread in below case.  
When the outside of gradient object has other object, even if the distance of underprint is negative value, the gradient also will spread.  
If the gradient object is on the top of non-gradient object, the gradient object will extend to the non-gradient object.

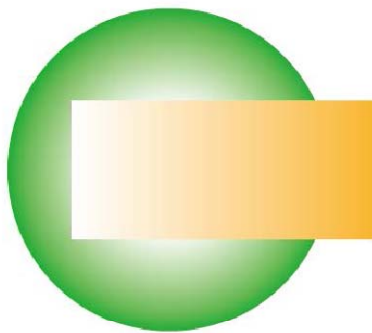


Original

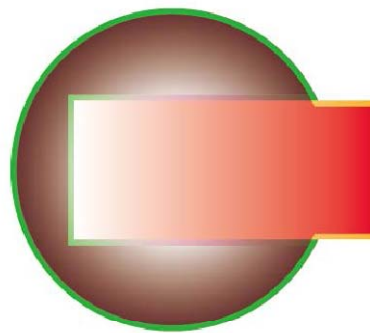


Gradient underprint effect

For overlapped and adjacent two gradient objects, the upper gradient object will spread.



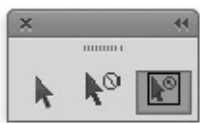
Original



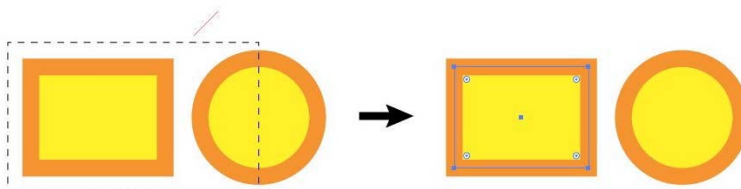
Gradient underprint effect

## 6. Tool#:

- Add "Antialias" setting in "Effect\Founder\Noise" function.
- Support big size object (1000mm\*800mm) in "Effect\Founder\Noise" function.
- Add [Pack# Marquee Tool] and [Pack# Direct Marquee Tool]

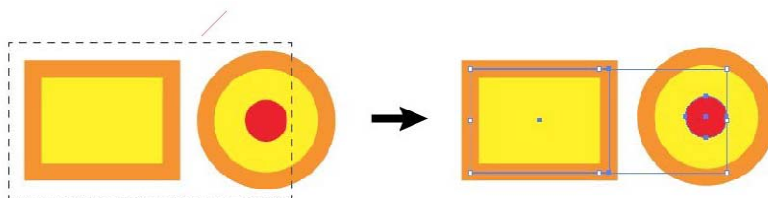


[Pack# Marquee Tool]



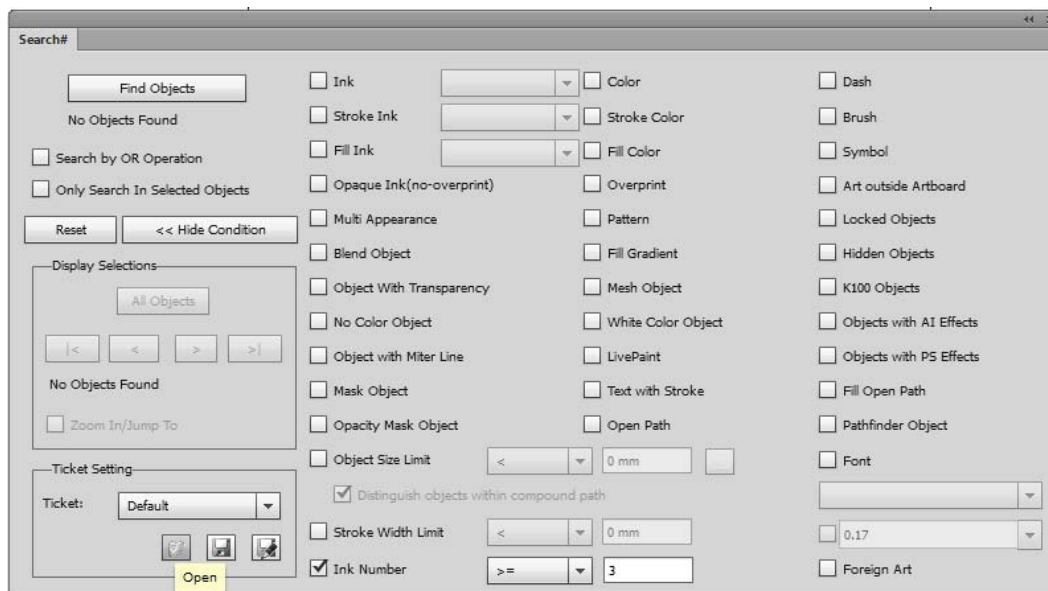


[Pack# Direct Marquee Tool]



## 7. Search#:

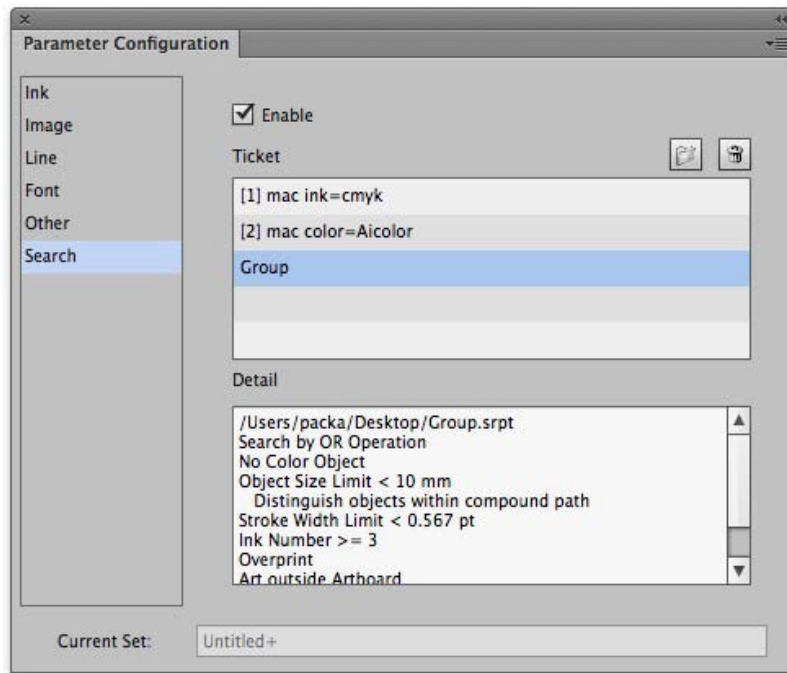
- Add to save a ticket of parameter settings.
- Add "Ink Number" condition to search object with multiple inks.



## 8. Inspect#

- Add to specify search parameters, you can import search ticket, and Inspect# will call Search# to search and check when inspecting.

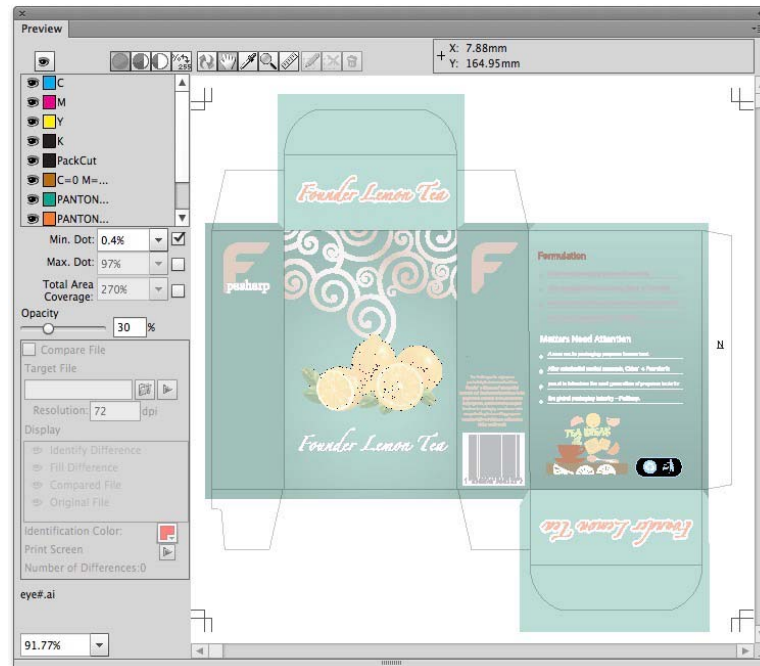




## 9. Eye#

- b. Add opacity effect when preview minimum dot, maximum dot and TAC (Total area coverage).

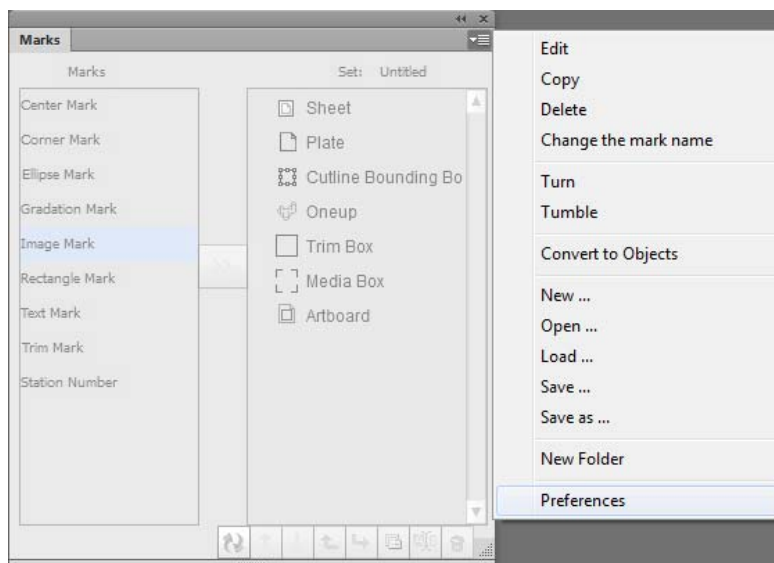


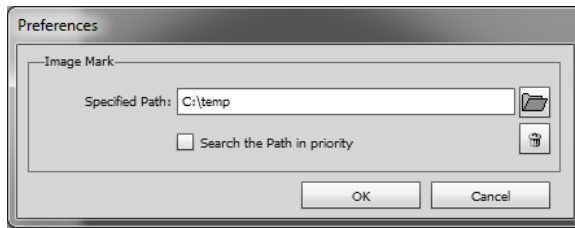


The preview image after setting the percentage of the minimum dot

## 10.Mark#

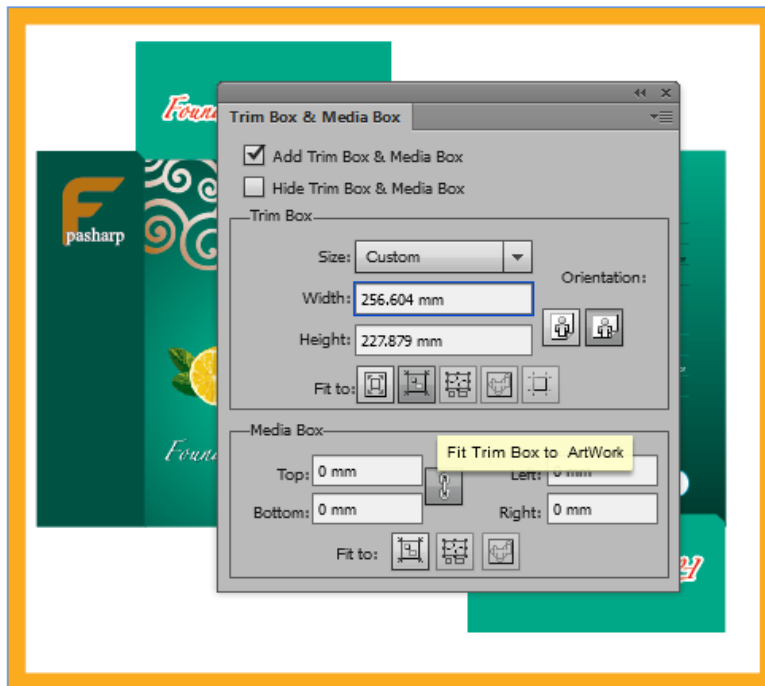
Add to specify the path of image mask in the preferences of Mark#.



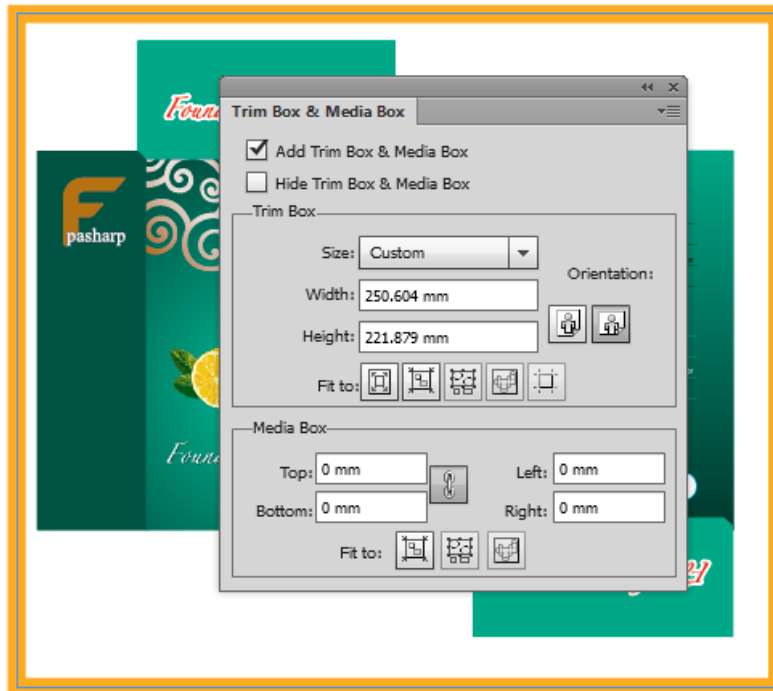


## 11.Nest#

- a. "Add Trim box" function, modify to fix trim box to the center of border line.



"Add Trim box" result in PaSharp 6.1



“Add Trim box” result in PaSharp 6.5

## New Function in V6.1

1. Supports Adobe illustrator CC 2014
2. Improvement in installation, supports installation progress bar.
3. Tool#-add pencil tool in curve effect.
4. Supports Mac OS 10.10 Yosemite.

## New Function in V6.0

Module	New Function
Effect	Curves Adjustment
Ink#	Image Channel Mapping for linked Image
Ink#	Ink Mixing for multi-appearance object
Search#	Search for InkMix Color
Nest#	Set custom spot color ink for CAD line
Mark#	Add Station Number Mark
Trap#	Color Sequence supports Reverse Order
Screen#	Support to find specific type screened object

### **New Function-Curves Adjustment**

Support to adjust the special effects with curve

Support to input/output the ACV format curve the same as in PhotoShop

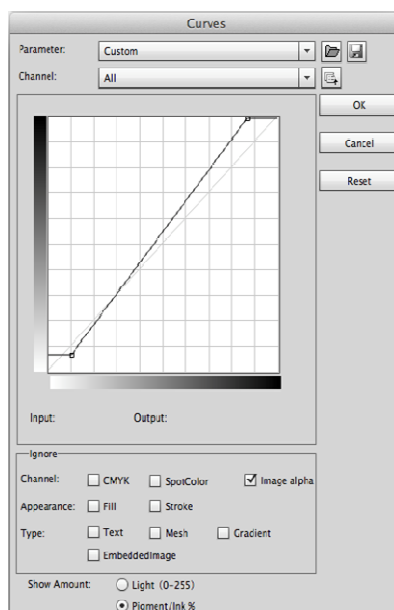
Adjust the hue range of whole document



Before

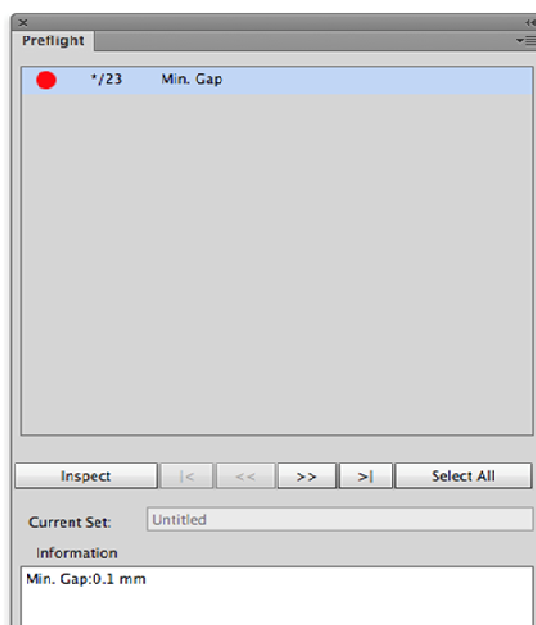
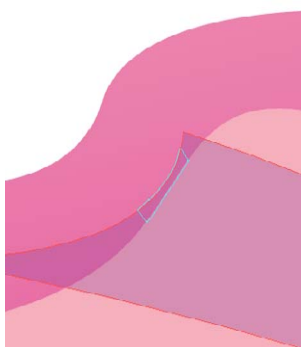


After



## New Function-Minimum gap

Check the minimum gap in Inspect#

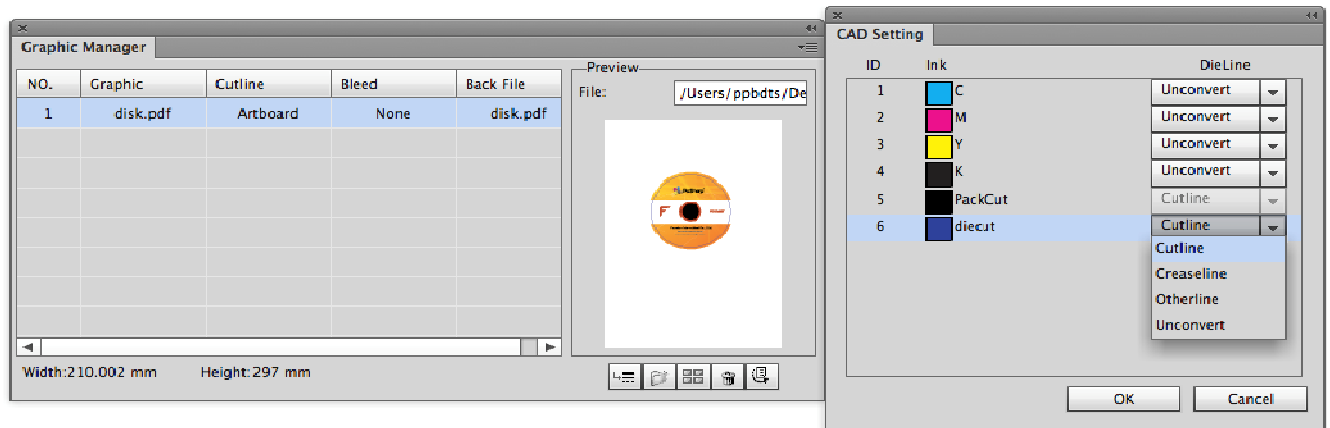


## New Function

Set custom spot color ink for CAD line

Set the CAD line of one-up file in layout

Don't need to set CAD line in One-up file

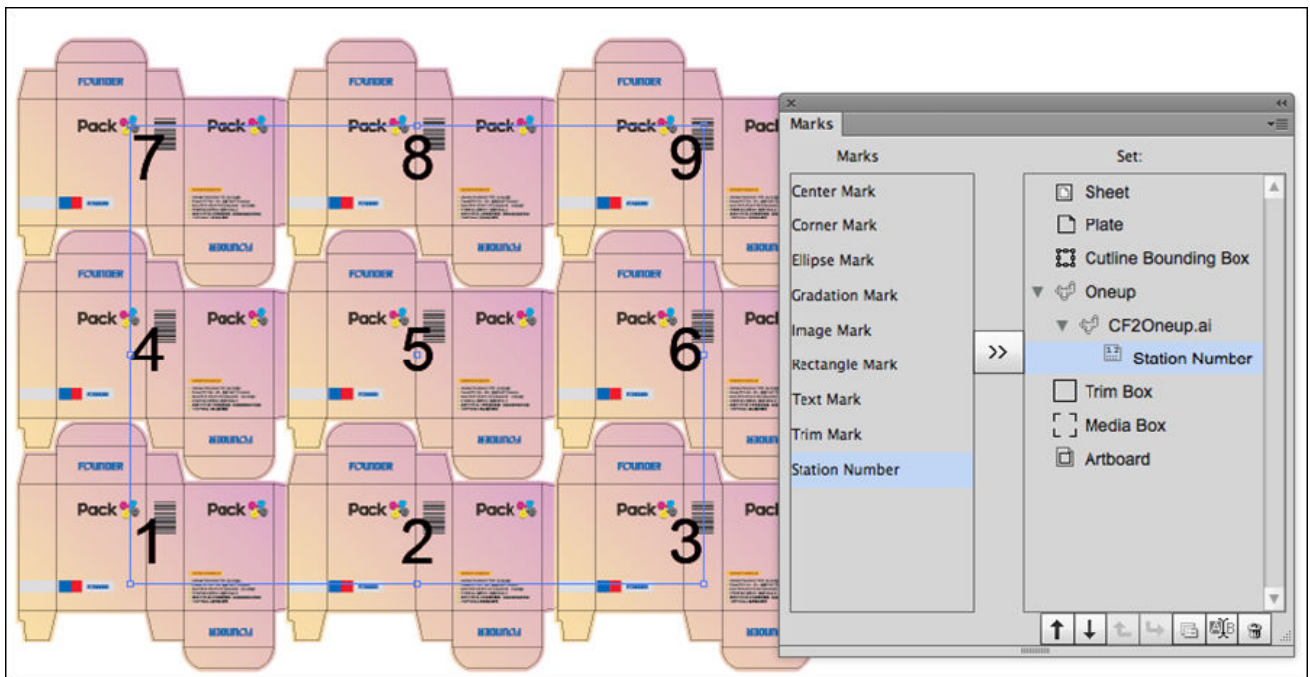


## New Function

Add Station Number Mark

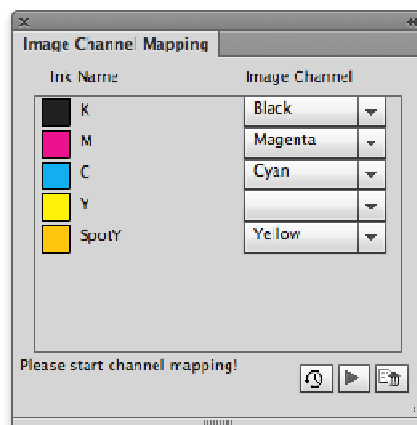
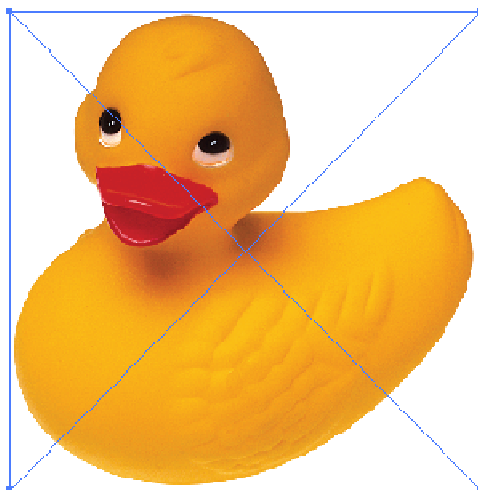
Add Station number by smart mark in layout file

Don't need to set Station number in One-up file



New Function

Image Channel Mapping for linked Image



New Function

Beijing Founder Electronics Co., Ltd.

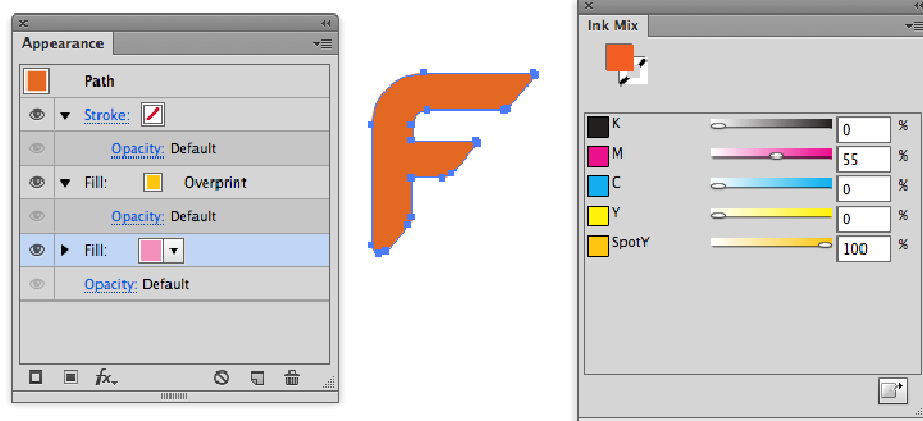
9, No.5 Street, Shangdi, Information Industry Base, Haidian District Beijing 100085, P.R.China

Tel: +86 10 6298 1440 Fax: +86 10 6298 1440

[www.founder.com.cn](http://www.founder.com.cn)

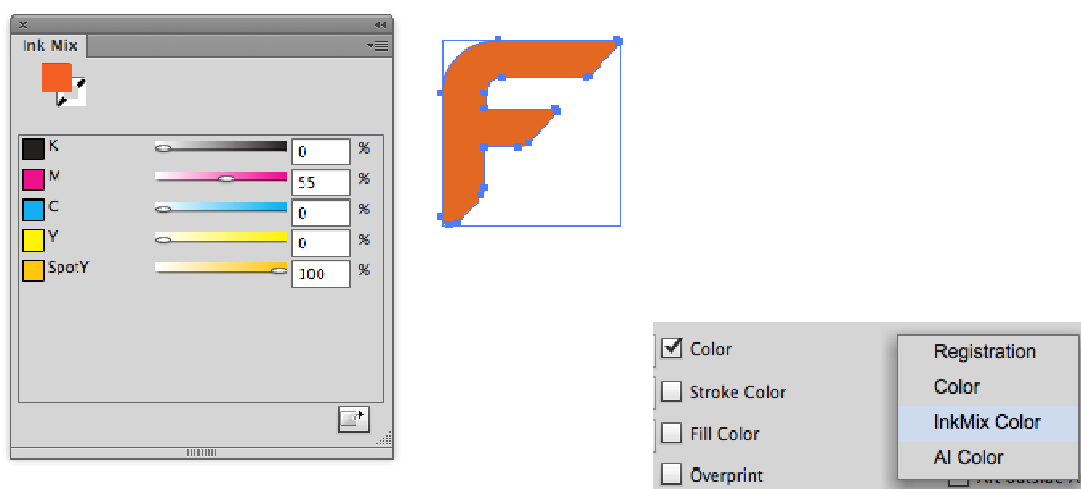


## Ink Mixing for multi-appearance object



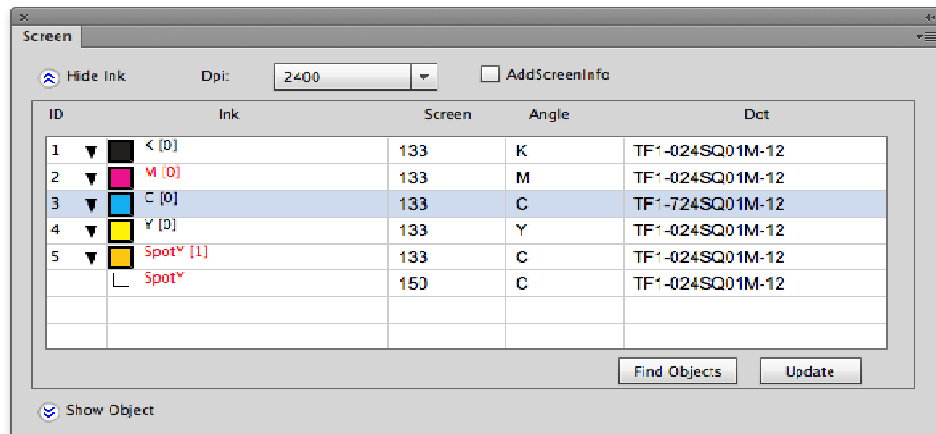
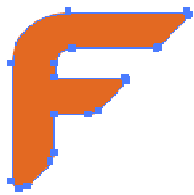
## New Function

Search for InkMix Color



## New Function

Support to find specific type screened object



## New Function in V5.5

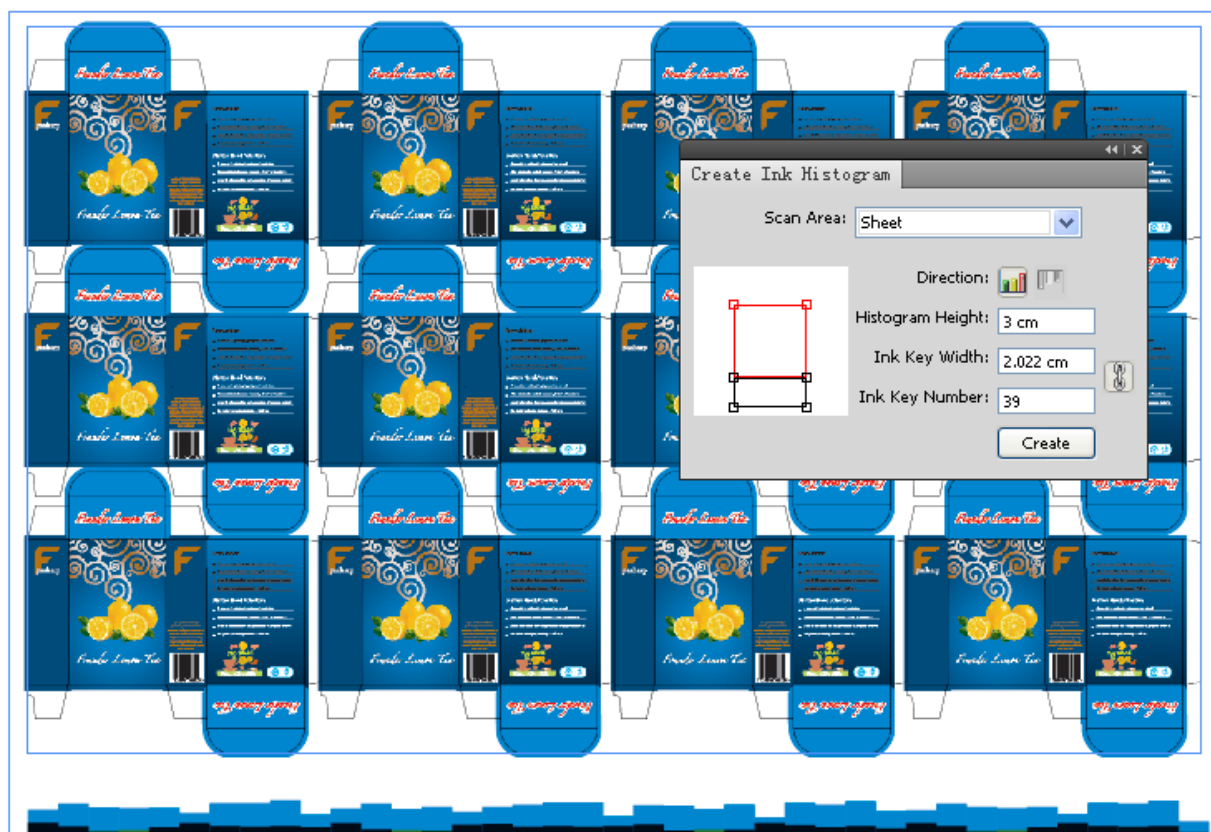
Support Adobe Illustrator CS6

## New Function in V5.0

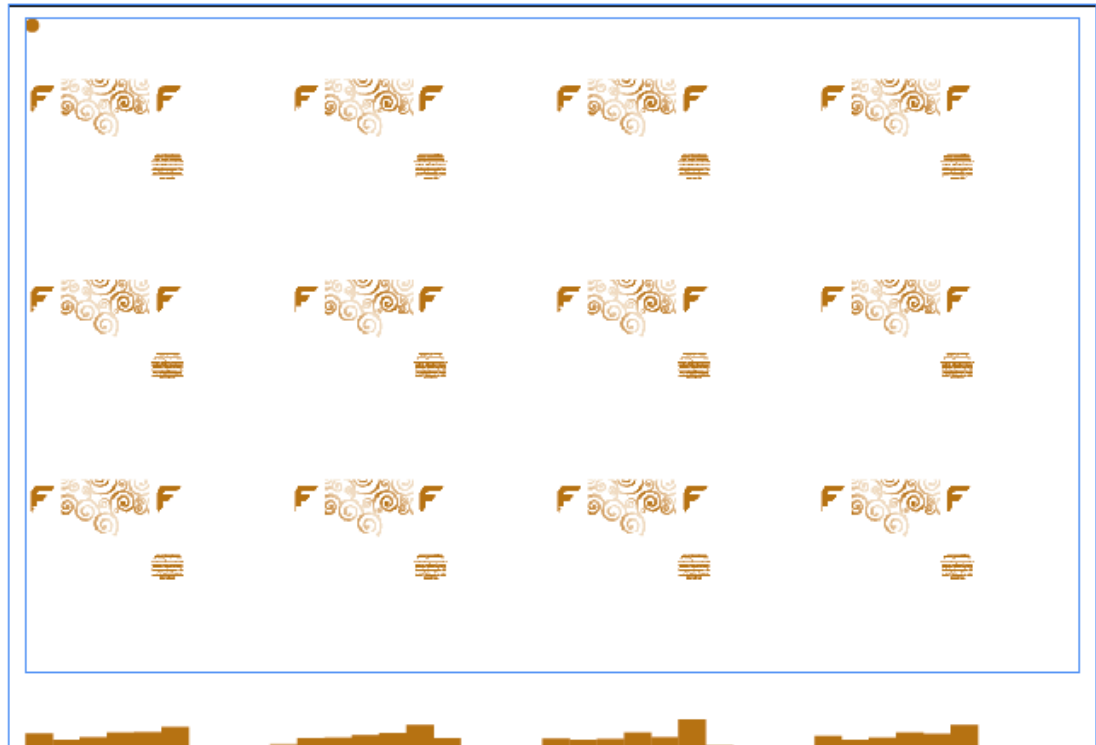
Module	New Function
Ink Compensation Manager	Create Ink Histogram
	Ink Compensation
Tool#	Noise Effect
Eye#	Ink Match in Compare file

#### Details

1. Ink Compensation Manager
  - 1) Create Ink Histogram
    - Calculate the ink key histogram from the current document.

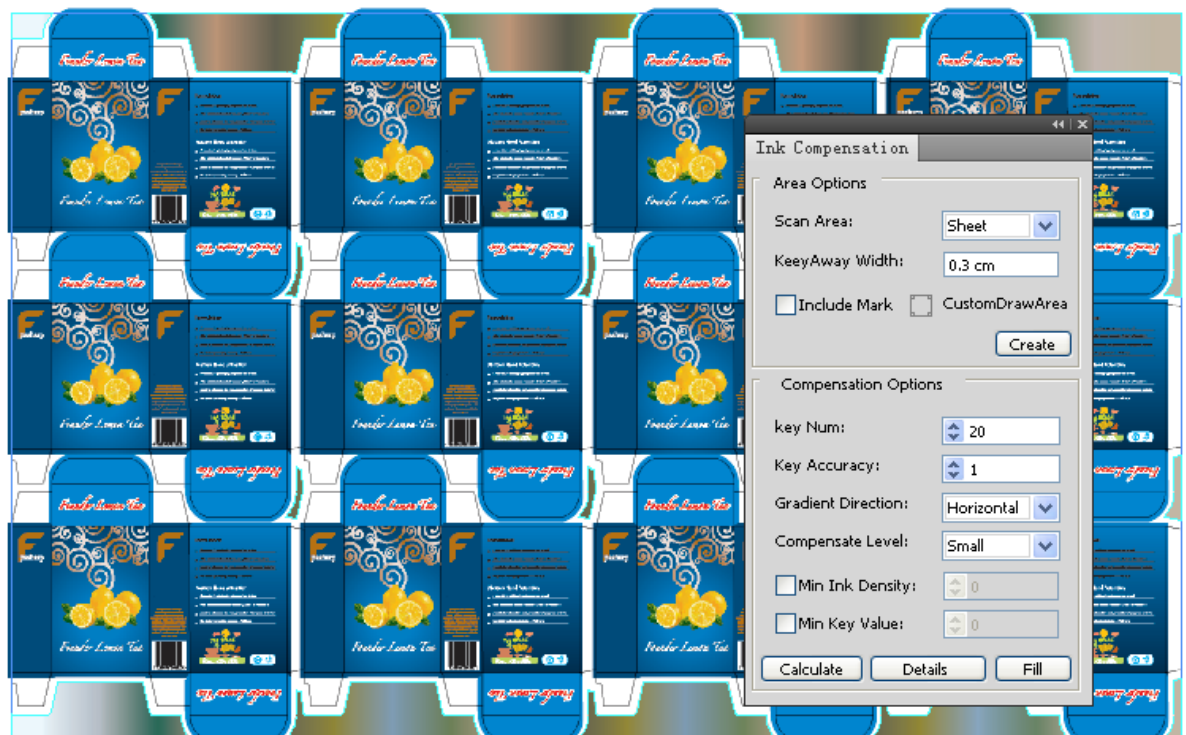


Ink Histogram



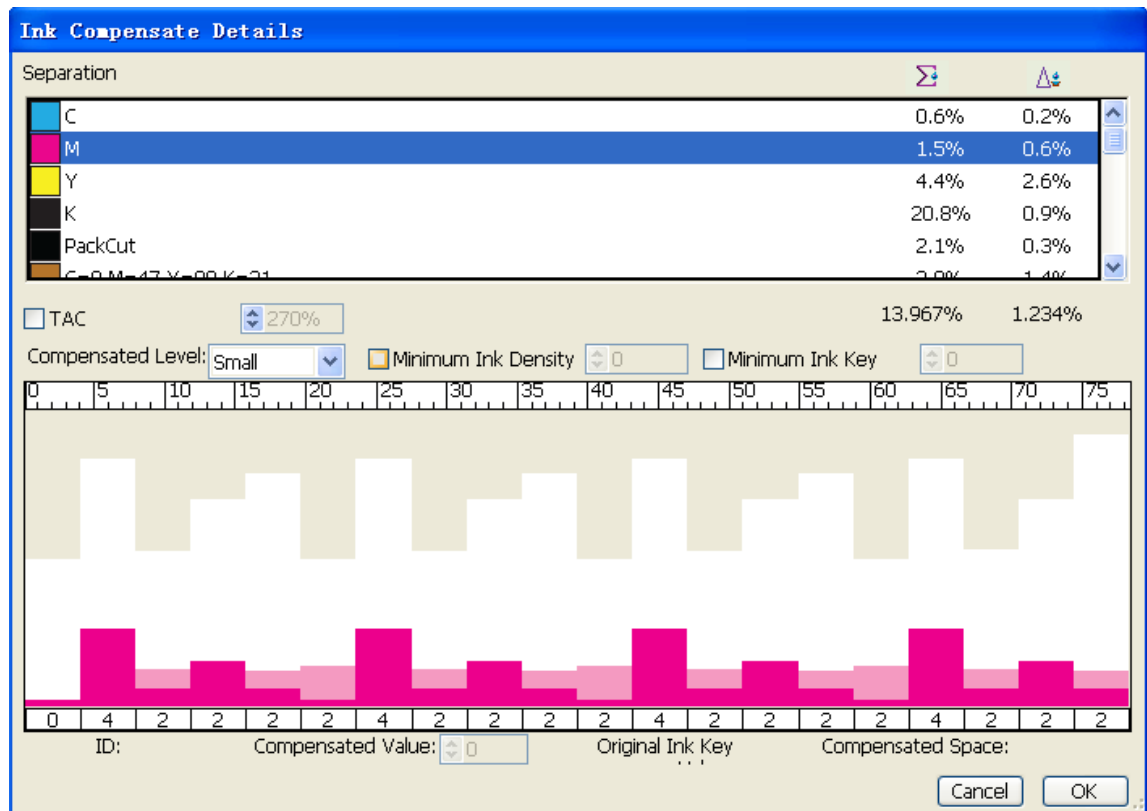
Ink Histogram in one separation

- 2) Create Ink Compensation
- Ink compensation



## Ink compensation

Different compensate parameters can be set for every separation.



Ink compensate details



Ink compensation in Magenta Separation

## 2. Tool#

### 1) Noise Effect

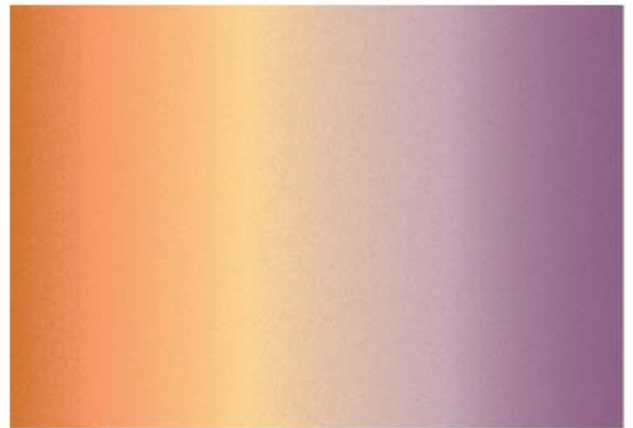
- Gradient, Mesh and so on can be added with this effect.



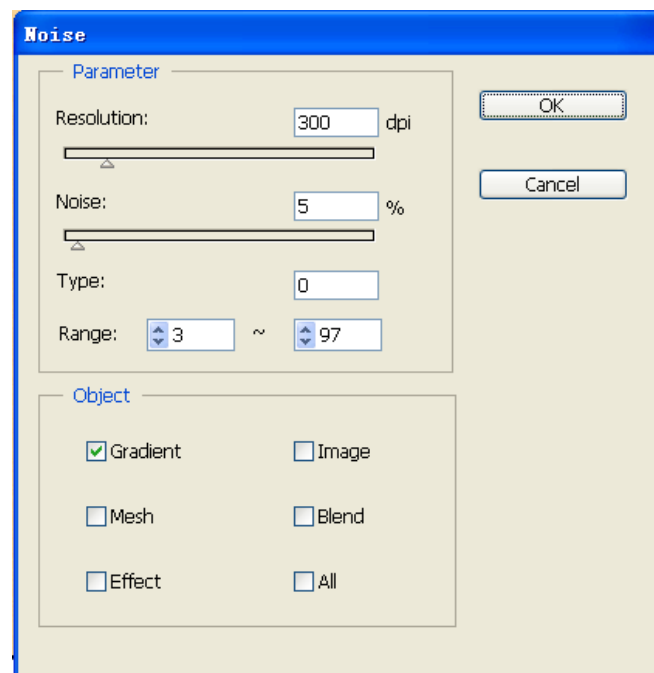




Original

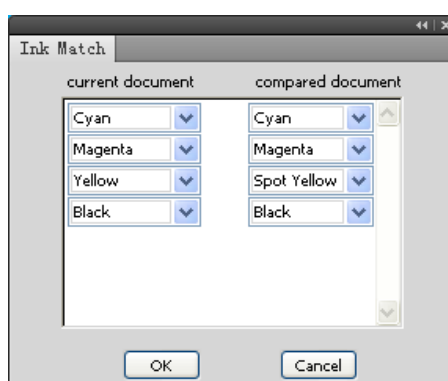
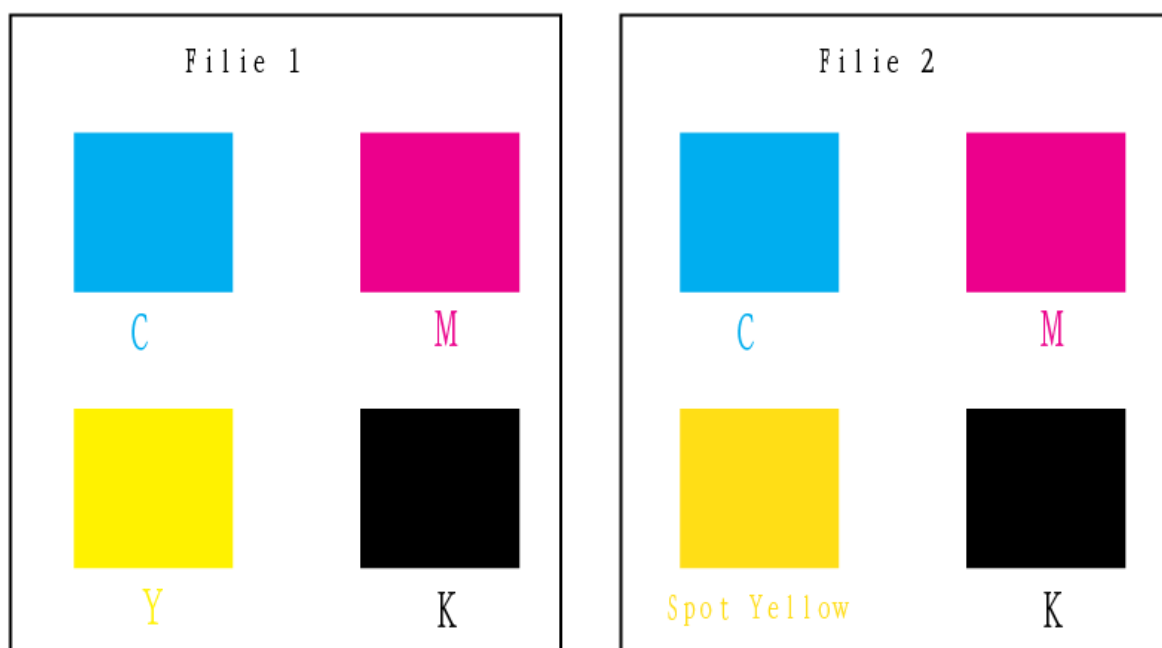


With Noise Effect

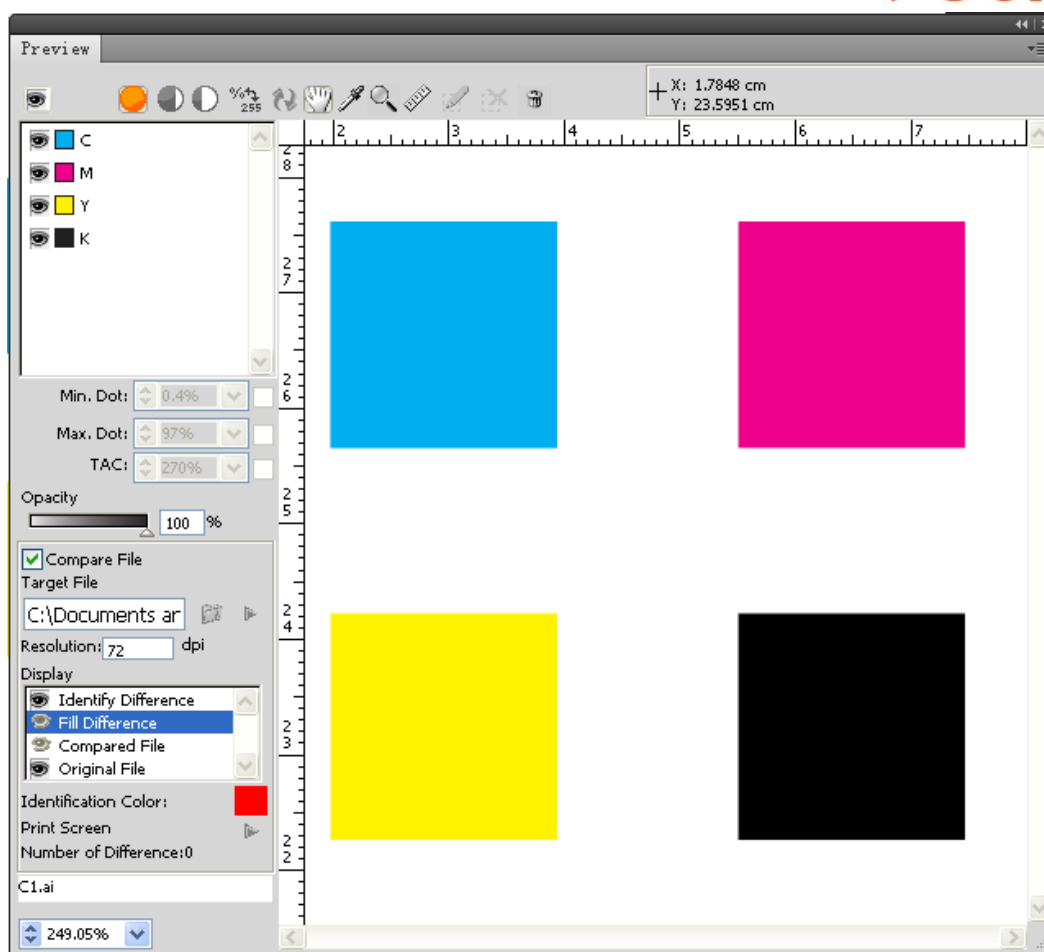


Noise effect parameters

3. Eye#
  - 1) Ink Match
    - After setting the Ink Match, different separations can be recognized as the same.



Ink match setting



Result