HP Indigo Labels and Packaging powered by EskoArtwork Basic Pack

User Guide







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Part Number: CA294-05730 First Edition: February 2008

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Preface

Who is this guide aimed at?

This manual gives an introduction to the HP Indigo Labels and Packaging solution powered by EskoArtwork.

Next to the complete reference manual 'FlexRip to HP Indigo User Manual' that is a true reference manual; you find a more concise how-to manual here. The main goal is to get you up and running in no time, by means of 3 practical examples.

This manual concentrates on a static workflow, i.e. how to produce non-variable jobs. Producing jobs with variable data is explained in the two following manuals:

• VDP Pack user guide

What does this guide contain?

This guide consists of the following parts:

- 1. Introduction to the concept of the software
- 2. Possible workflows
 - 2.1. Ready-to-use hotfolders for PDF and PS, rip to ws4500
 - 2.2. PS and PDF, tabular Step and repeat and rip to ws4500
 - 2.3. DeskPack workflow (Adobe Illustrator) with Step/X step and repeat, rip to ws4500

Introduction to the concept of the software.

The Software running on your DFE consists of several modules. By the correct installation and configuration (i.e. connecting the modules to each other), the system is ready to handle files, step & repeat, rip and output your jobs.

Concerning the installation, we refer to the installation and configuration manual. To get to know all the components in detail, we refer to the *FlexRip to HP Indigo 7.0 manual*. We recommend that you familiarize yourself with the following:

What is the FlexRip? What is Workflow Manager? What is the Pilot? What is a Job? What is a Task? What are Tickets?

Essential is that the WorkFlow manager will serve as the front end for most incoming jobs. It is controlled by the Pilot. The user creates one or more tickets for each workflow to the HP Indigo. You do this in the Pilot. The Pilot acts as an interface with the WorkFlow manager. These tickets will appear in the ticket lists in the pilot, or in Illustrator, when using the optional pack HP Indigo Labels and Packaging VDP tools powered by Esko.

You can start from an already stepped and repeated file. This file is handled with the WorkFlow Manager Pilot hotfolder or Pilot. You use a normalize (every file needs to be converted to an Esko native file) ticket and a rip ticket.



In another, slightly different workflow, you start from a one up PostScript or pdf file. This file can be stepped and normalized, stepped and repeated and ripped, by means of the tabular step&repeat ticket on your Workflow server.



With the optional pack HP Indigo Labels and Packaging VDP tools powered by Esko), you are in full control of the whole Workflow from your Adobe Illustrator station. The VDP pack is designed to handle variable data jobs, but it is equally convenient to use the Step/X plugins in Illustrator to step and repeat non-variable jobs. In this workflow tickets are selected in the final window of Step/X, after designing your one-up and step&repeating the jobs. Your Illustrator jobs can be created, stepped&repeated and ripped to the HP Indigo press without leaving your computer.



In all these cases the optional HP Indigo Labels and Packaging Color Kit powered by EskoArtwork color management pack offers full color control. HP Indigo Labels and Packaging Color Kit powered by EskoArtwork color management is a complete color system. It offers profiling tools to profile presses and proofing devices and offers all required features to create, modify and execute profiles.

Possible workflows

Easy startup workflow with hotfolders.

We designed a workflow allows you to output files on the HP Indigo press in no time. It is designed for pdf or separated Postscript files that are already stepped&repeated. The WorkFlow manager provides 4 hotfolders. These hotfolders come with the standard installation of the HP Indigo Labels and Packaging Server.

Three of them offer support for white ink. When you job contains white ink, you will get a white separation on the press.

Hotfolders where color management is applied

- a hotfolder for CMYK(White). All incoming separations are converted to CMYK, white is kept as a separate separation. (when observing correct rules for naming the white in your job) HPI-White is the correct inkname for the white separation. The colormanagement table, used for translating Pantone[®] inks into CMYK is HP Indigo CMYK 1.0 table. Its location is \\nameoftherip\jobs\rip\input\CMYKW
- a hotfolder for CMYK Orange Violet (White). All incoming separations are converted to CMYK Orange and Violet, white is kept as a separate separation (when observing correct rules for naming the white in your job) HPI-White is the correct inkname for the white separation. The colormanagement table, used for translating Pantone[®] inks into CMYKOV, is HP IndiChrome. Its location is \\nameoftherip\jobs\rip\input\CMYKOVW
- a hotfolder for CMYK Orange Violet Green. All incoming separations are converted to CMYK Orange Violet & Green. The colormanagement table, used for translating Pantone[®] inks into CMYKOGV, is HP IndiChrome Plus 1.0 Its location is \\nameoftherip\jobs\rip\input\CMYKOVG

One hotfolder designed for pre-separated files

 a hotfolder for 5,6 or 7 colors. This hotfolder is suitable for jobs that are already separated in the HP Indigo output inks, whether it is CMYK Orange Violet, White, CMYK Orange Violet Green or specially mixed inks. All incoming inks are left unconverted, provided you observe the rules for Ink names and you observer of course the maximum of 7 inks on press. Its location is \\nameoftherip\jobs\rip\input\CMYKOVG

What are the rules for naming your inks in this case?

HPI1, HPI2, HPI3 are the ONLY correct names for all inks next to CMYK. DO NOT use any other names. Note that in this case, white must also be named with one of these 3 inks. The operator that makes this jobs needs to communicate with the press operator with ink on press corresponds to which inkname in the job!

Where are these hotfolders?

In the location description above we write '\nameoftherip'. It refers to the hostname of your FlexRip PC, which is unique for every FlexRip that leaves the factory.

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F	ile Edit View	Go Job Tools Advance	ced Help								
	🖳 🐹 🖸 Containers 🗾 🕰										
N	Views x Hottolders										
ſ		Folder Name A	Туре	Hotfolder URL	Job	Active					
		COLORS	Task Hotfolder	file://largo/Jobs/rip/input/7COLORS		Yes					
		CMYKOVG	Task Hotfolder	file://largo/Jobs/rip/input/CMYKOVG		Yes					
	Files	CMYKOVW	Task Hotfolder	file://largo/Jobs/rip/input/CMYKOV/V		Yes					
		CMYKW	Task Hotfolder	file://largo/Jobs/rip/input/CMYKVV		Yes					
	51 152										
	Tasks										
	Devices										
X											
l	~										
	Hotfolders										
	E SC										
	× (a)										
	Tickets										

In the Pilot, when double clicking the Hotfolders icon in Views folder, the tab 'HotFolder URL' gives you the full file path on the server, so that you know where your files physically have to arrive. In our example the name of the rip is 'Largo'.

In Windows the folder structure looks like this:



'Jobs' is shared on the FlexRip, for both windows and Mac. These hotfolders can therefore be 'mounted' on both Mac and PC for access from the computer where the designs are created.

All images and fonts must be embedded within the files being submitted to the hot folder.

All PDF files must be single page and prepared in press quality. Follow these instructions to create press quality PDF from Adobe Illustrator:

- 1) Open the file in Adobe Illustrator
- 2) Go to menu "File" and select "Save As..."
- 3)

/	Save As							
\Rightarrow	PDF	÷	t	Ê	e	8	<u>ج</u>	
 Computer Macintosh HD Network brva Desktop Documents Pictures Version Cue 	Name	Status					Size V	/ersio ≜
Save As:	press_ready_file.pdf							
Format:	Adobe PDF (pdf)							\$
Use OS Dialog			(Ca	ncel	\bigcirc	Sav	e //

Set the "Save as type:" to "Adobe PDF (*.PDF)" and click on button "OK". 4)

a.	Save Adobe PDF
Adobe PDF Preset: Standard: Compression Marks and Bleeds Output Advanced Security Summary	Save Adobe PDF [Press Quality] None Compatibility: Acrobat 5 (PDF 1.4) General Description: Use these settings to create Adobe PDF documents best suited for high-quality prepress printing. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later. Options Preserve Illustrator Editing Capabilities
	 Embed Page Thumbnails Optimize for Fast Web View View PDF after Saving Create Acrobat Layers from Top-Level Layers Create Multi-page PDF from Page Tiles
(Save Preset)	Save PDF Cancel

Set the "Adobe PDF" to "[Press Quality]" and click on button "Save PDF".

When you copy a file on a hotfolder, activity starts in the WorkFlow manager Pilot. The preset task consists of a normalization of your input file (like for all workflows) and a rip sequence straight after that.



Your files appear in your job manager after completion of the process and are now ready to be printed on the HP Indigo. Logfiles are available by right clicking on your task in the Task window, or from the history view in the dispatcher. For more info about this, we refer to the FlexRip Indigo reference manual.

File Edit View Go Job Task Tools Advanced Help Image: Second s
Image: Second and a second
Views x Folders Contents Launch Favorites: Image: Set of the set of
Files Device container Double click the JobFolder or select "Go to Job" in the menu to see the JobFolders contents. Click to add a favorite ticket. Files Device click the JobFolder or select "Go to Job" in the menu to see the JobFolders contents. Click to add a favorite ticket.
Image: DeskPack Container@rdmb01 Image
Tasks
Job Name File Name Task Type Progress Phase State Launched
winesabelgat rapto VS-4000 series on Hr Inago 100% № 10/1// 255 PM
εςκο

Ripping one-ups, using tabular step&repeat on the workflow server.

Use another workflow when you want to send a one-up file (pdf or postscript) to the workflow server.

When should you use this method?

You want to use tabular step&repeat functionality on your workflow server to output this on your HP Indigo press and where you do not (yet) have the HP Indigo Labels and Packaging VDP Tools powered by Esko.

Create a new job

It makes sense to make use of the job concept in your workflow manager. We recommend to make a new job on a container. In this example we create a new job on the ExampleJobContainer, this is a container that is part of the standard installation. In most cases you will create your own personalized containers.

First make a new folder under the container (make sure you are in Container View (see screenshot, notice the Containers box): right-click on the ExampleJobContainer in the Folders window and select 'New Folder...', as seen below. Call it one-up.

📌 BackStage Pi	ot
File Edit View	Go Job Task Tools Advanced Help
🗐 88 🖾	Containers
Views	× Folders
FILE	DeskPackContainer@largo
	Get Data
Files	New Folder
	Explore
Tasks	Info

Ba	ckSt	age Pi	ot							
File	Edit	View	Go	Job	Task	Tools	Adv	/anced	l Help	
Ţ	222		Co	ntaine	rs			•	S	E Î
√iew:	s File		<u>×</u> F		Exam CoskF CoskF Cost Cost Cost	ackCom bleJobCo b1 ne_up gargo	tainer ontain	@larg er	D	
	Tas	:ks								

Next, make a new Job from that folder by right-clicking on the yellow folder and clicking New Job.



When making a new Job, we can add many parameters. The reference manual tells you more about this. We keep it simple here, and use the same name for the Job as the name of the folder: 'one-up', and press 'OK'

		nite Furdinetere Bur deute etcpertopeut		
	Order ID:	one_up	SubOrder ID:	
1	Job Name:	one_up		
	Description:			
	Due Date:			
	Project ID			
	Category:		•	Categories
	Custom Field 1:		-	Manage
No file selected.	Custom Field 2:		-	Manage
	Last Actor:	digi		
	Job File Format:	° 📕 GRS ° 📷 PDF		
	Select the Jobfo	lder where the Job's data will be placed and handled:		
	🔲 Use the Sr	nart Job Location Rules as set in Configure Tool.	S	how Job Location
	file://largo/Exan	pleJobContainer/one_up		Browse

The new Job is now blue. Your file that you want to step and repeat and rip needs to be in the Job. In this example a pdf is in the Job. When you right-click a container or Job, you can access it via Explorer, and copy the necessary files in this way.

Notice that when you select your Job, your view changes from container view to the practical Job view! You can go back anytime to container view to make more folders and jobs later.

🔀 BackStage Pilot (Job: "one_up")										
File Edit View	Go Job Task Tools Advanced	d Help								
P 88 🖬	one_up	🖬 🖬	1 File Filter: All Files		Tickets: 🚟 🕶					
Views	× Folders	*	Contents of "file://largo/Example.jobCo	ontainer/one_up"						
		Name 🛆	Name Z		Size Date					
		🔁 pdf test.pdf		PDF File	288KB 1/16/06 1:33 PM					

Make the tickets

We will select a file in a job, pick a ticket and launch. This ticket needs some preparation. After that you can use it every day in production, make variants on this ticket and add these to your favorites, for easy access.

- A necessary first step for every ticket is the normalizing. This means they are converted to an Esko native file, a PDF file, with added features.
- Then we will step&repeat the resulting file. We make a single ticket with all step&repeat parameters.
- Finally, we will rip the stepped&repeated file. We make a single ticket with the rip parameters.

Finally we make one ticket that contains these 3 actions, a chained ticket.

How do you do proceed? You make the individual tickets first and then chain them together:

a. Prepare the step and repeat ticket

In ticket view in the Pilot, double click the default Step&repeat tabular ticket

	Normalize PPML	>11 Default
E Z	Rip to WS4000 series	Cmyk_with_strategy
	Rip to WS4000 series	III Default
Tickets	Step & Repeat Tabular	🔢 Default

The reference manual explains all possible parameters for the step and repeat tabular ticket. Here you find an practical example. In the example the number of labels that can fit on 450x330 mm is calculated, taking into account that we choose for a gap of 3 mm.

(S_and_R_Indigo - Step & Repeat Tabular	_ 8 ×
e View	
🔀 Save and Close 🛛 Tickets: 🖺 -	
eps:	
	Add Insert Remove
attings for Step: Step & Repeat Tabular	
XX Output In [File URL)steppedfile	Browse
File Name:	+[]
Seneral Grids Rules	
Drigin: Unit: mm 1, 1 SmartMarks:	
Piate	
Size: 1 [VPLATEFIT]	
↔ 330	
shrink ‡ 100.0 % ↔ 100.0	%
Sheet	
Size: 1 [VPLATEFIT]	
↔ 330	
Offset: ‡ 0 Sheet Position on Plate:	
Tip: you can click an edit box with your right mouse button to display a shortcut menu.	artNames

In the 'output in' field, you can insert [file URL]/stepped file. This will then create a nicely organized structure, where all the stepped files will be output in a subdirectory of the jobfolder, called 'stepped file'. There is no need to create that subdirectory yourself.

Further down, in the 'Plate' field: Plate size vertical is a SmartName, [VPLATEFIT]. This will allow the final vertical repeat length to be flexible.

Plate size horizontal is 330 mm

Sheet size and Plate Size are identical in an Indigo workflow, so fill in the same in 'Sheet' as in Plate.

It S_and_R_Indigo - Step & Repeat Tabular											
File View											
Add											

) Cottinue for Ohen Ohen & Denned Taludar									Remove		
Settings for Step: Step & Repeat Tabular											
Cutput in: [File URL]/steppedfile									Browse		
File Name:									+[]		
General Grids Rules											
		[6 6]	1 m	, ₩	1		E				
1 [Fie]	Borders	~~~	3	(330-[GRIDHSIZE1]	[VSIZE1]+3	[HSIZE1]+3	450/[VSTEP1]	330/[HSTEP1]	90		
)/2							
Add Grid Remove Grid								+[]inser	t smartnames		
E Tip: you can click an table cell with your right mouse button to display a shortcut menu.											

In the next tab, 'Grids', we use some formulas and SmartNames again.

In the second column with blank header, you write [file]. When you'd first select a file and then apply this ticket, the filename would be filled in. As we make a ticket in advance, for any file, you must use a SmartName: [File]. All Smartnames can be inserted with the +[] button on your right, under the 'Browse' button.

Fill in the vertical offset of the grid. NOTE! The vertical offset has to be the same value as the gap between 2 labels, to assure continuous output without extra unneeded space after each cylinder rotation. In this example it is 3mm.

(330-[GRIDHSIZE1])/2. defines the right shift of the grid to put the grid in the middle of the max width of 330 mm: 330mm minus the horizontal size of the grid divided by two.

The step size vertical, [VSTEP1] is defined here. It is the [VSIZE1], the vertical size of a label, +3mm. It is the distance between the center points of 2 labels.

The step size horizontal [HSTEP1] is defined here. It is the [HSIZE1], the horizontal size of a label, +3mm. It is the distance between the center points of 2 labels.

Here we calculate how many labels fit on the maximum format of 450mm

Here we calculate how many labels fit on the maximum width of 330 mm

We use 90 degrees rotation in this example, as this is in most cases the best orientation for inline slitting.



In the rules tab, there is no need to modify anything for this example. We save the ticket now with 'file', 'save as'.

b. Prepare the rip ticket

In the rip ticket, two important choices have to be made:

- the FlexRip configuration (Do you want to output to CMYK, IndiChrome or IndiChrome plus green?) In this example we output to CMYK.
- the color strategy. Even if you did not make your own personalized color strategies, color strategies are in the package as default, for easy startup. We refer to the explanation of the hotfolders for more info.
- •

🔡 cmyk_with_strategy - Rip to WS4000 series	
File View	
Save and Close Tickets: 🗮 🕶	
Steps:	
	Add
	Insert
	Remove
, Settings for Step: Rip to WS4000 series	
Device: HP Indigo 4500	xRipIndigo -> Indigo output
General Inks Advanced Pre-Rip Output	1
Configuration Set	Job Options Output Mode
Name CMYK	Anti-Aliasing No 🔻
OutputFile	- Number Of Conjes
Path WLARGO\C\output_to_machine\press\input\lan +[]	C Defined by the Driver Settings
Name +[]	Color Appearance Colored
- Color Management	
Fit Lise Color Management Priority: 50 V Hold	
E Lion CMC for Maximum After Print Patein For	aver A
Sub Color Strategy:	
Source Profile:	
Destination Profile:	
Rendering Intent: No Beckground	
Mo Black Mapping	

c. Combining the 3 tickets.

In ticket view, open the normalize ticket and click add.

🕂 Default - Normalize PostScript / PDF / Illustrator 8.0 File	_ 🗆 🗙
File View	
Save and Close Tickets: 🗮 -	
Steps:	
	Add
	Insert
	Remove
Settings for Step: Normalize PostScript / PDF / Illustrator 8.0 File	-
Output in: [Job URL]/Esko	Browse
File Name:	+[]
Pages Color Management Inks Overprint Images Page size Other Output All Pages Range (Example: 1-5,7,9-11) Range (Example: 1-5,7,9-11) Split Up a Multipage File Maximum Pages per File B First Pagenumber in Output Merge Tiled CT Files to one CT Merge Separated File to Composite Page Optimize Merged File Password	

Choose the step and repeat ticket that you made in step a. In the steps window you see that you have 2 steps now! Click 'add' to add the final rip ticket.

KDefault - Normalize PostScript / PDF / Illustrator 8.0 File Workflow		×
File View	click 'add' to add 3rd step	_
Steps:		-
	Add	
two steps	Insert	1
	Remove	
Settings for Step: Step & Repeat Tabular		
Output in: [File URL]/steppedfile	Browse	
File Name:	+[]	
General Grids Rules		
Origin: 🙌 🛶 Unit: mm 💌		
Load Mark Set in bottom Layer		_
Plate	1	
Size: \$ [VPLATEFIT]		
↔ 330		
Shrink: \$ 100.0 % ↔	100.0 %	
Sheet		
Size: \$ [VPLATEFIT]		
↔ 330		
Offset: ‡ 0 ↔ 0	Sheet Position on Plate:	
Tip: you can click an edit box with your right mouse button to display a short	tcut menu. +[] Insert SmartNames	

Now add the last step, choose your rip ticket in the ticket list.

The completed ticket looks like this:

🔣 Default - Normalize PostScript / I	PDF / Illustrator a	8.0 File Workflow		
File View				
🖂 Save and Close 📗 Tickets: 🚟	.			
Steps	<u>_</u>			
				Add
) thre	e stens		Insert
				Remove
Settings for Step: Rip to WS4000 series				
Device: HP Indigo 4500		FleyRinlo	diao i > Indiao orterit	
			aigo -> inaigo oatpat	
	1			
General Inks Advanced Pre-Rip (Dutput			r
Transformations	Original Size (inc	cl.Margins)	Output Size (incl.Margins)	Y
Scale ∨ 100.0 %	Units mm	<u>▼</u>	Units mm 💌	
Scale H 100.0 %	Size V.	mm	Size V:	
Rotate 0 💽 •	Size H:	mm	Size H:	
Fit On Paper 🛛	Marks			
	SmartMarks			▼ +[]
	-Dot Gain Comper	nsation		
- tr	Single Curve	<none></none>		<u> </u>
	Automatic	<none></none>		_

Save As	×
Ticket Name: normalize+S&R+rip_CMYK	
Scope:	
O 📧 one_up	
💿 🎦 Global	
Add to Favorites	
	OK Cancel

Do not add anymore tickets. Through 'file', 'save as', save the triple ticket. In this example it is saved as 'normalize+S&R+rip_CMYK'.

Note! Make sure to add it to Favorites for easy access, and globally (so not just for this job, to be visible for every job).

Launching your job.

In the Files view of the Pilot (having left the ticket view), choose you one-up file and click your favorite ticket in the 'Favorites' area.

ABackStage Pilot (Job: "one_up")			
File Edit View Go Job Task Tools Advanced Help			
	File Filter: All Files	Tickets: 🛅 🕶	
Views × Folders	Contents of "file://largo/ExampleJobContainer/one_up"		Launch Favorites:
	Name Z	Type Size	Date
	🔂 Blairon_Artwork.pdf	PDF File 9.9M	B 9/7/07 11:20 AM
Files		Normalize PostScrip	t / PDF / Illustrator 8.0 File)Step & Repeat Tabylar)Rip to VVS400
Files			1 // 2

The ticket will open and you click 'Launch'! Soon, your files will be stepped and repeated, and ripped straight after that. The evolution of every step is clear in the Tasks window.

2	BackStage P	liot (Job: "one_up")	dvanced Help								IX
-		one_up		1 File Filter: All Files	<u>ه</u>	Tickets: 🚟	•				
100	Views	× Folders		Contents of "file://largo/ExampleJobContainer/one_up	e i i i i i i i i i i i i i i i i i i i					Launch Favorites:	×
		E-C one_up		Name / Relation_Artwork.pdf		Type PDF File	Size 9.9MB	Date 9/7/07 11 2	:0 AM	normalize+S&R-	*
l	Files	E-C Esko E-C steppedfile									
l	हा										
I	Tasks										
l											
l	Devices										
l											
l	Hotfolders										
l	58 38										
l	Tickets										
l											
l											
											-
l		Tasks		1							×
1		File Name		Task Type	Progress	Phase		State	Launched		
1		Blairon_Artwork.pdfpla		Rip to VVS4000 series on HP Indigo 4500	88%	Exposing			9/27/07 3:47 PM		
1		Blairon_Artwork.pdf		Step & Repeat Tabular	100%				9/27/07 3:46 PM		
1		Blairon Artwork.pdf		Normalize PostScript / PDF / Illustrator 8.0 Fil	e 100%			E2	9/27/07 3:46 PM		

Your files should appear in your job manager and are now ready to be printed on the HP Indigo.

Ripping one-ups, using Step/X from Adobe Illustrator

In this example, you can send Illustrator files to the press, after first step&repeating them with the plug-in Step/X $\,$

Preparing the tickets

You prepare the tickets with the Workflow manager pilot.

a. The rip ticket

We will use the same rip ticket as in the previous method. Please refer to 4.2.2. to see how we made a rip ticket for outputting to CMYK. Here is a screenshot of the completed rip ticket again.

II cmyk_with_strategy - Rip to W54000 series	×
File View	
Save and Close Tickets: 🚆 -	
Steps	
Add Add Insert Remove	
, settings for Step: Rip to WS4000 series	
Device: HP Indigo 4500	
General Inks Advanced Pre-Rip Output	
Image: Configuration Set Image: Configuration Set Name Image: Configuration Set Output/lie Image: Configuration Set Path VLARGOVCloutput_to_machine/press/input/ian Name Image: Configuration Set Name Image: Configuration Set Image: Configuration Set Image: Configuration Set Image: Confi	
Color Management If Use Color Management Use CMS for Variable Data If Color Strategy. HP-CMVKW Source Profile: Profile: Profile: No Background	



b. Adding the rip ticket to the normalize ticket.

In ticket view, select the Export to normalized File (DeskPack Only) ticket. This is needed because every file, handled by the Workflow manager, needs to be normalized first. Note: The tickets with the suffix 'DeskPack Only' will be visible in Illustrator, as opposed to other tickets that do not have this suffix.

🕂 Default - Export to Normalized File (DeskPack Only)	
File View	
Save and Close Tickets: 🛅 🕶	
Steps:	
	Add
	Insert
	Remove
Settings for Step: Export to Normalized File (DeskPack Only)	
Output in: [Job URL]	Browse
File Name:	+[]

In the 'Output in' field, insert [Job URL]. This assures that the normalized job will be written in a subdirectory of the job. After all, as we will make a chained ticket, there is no need to access this file manually. Next, click the 'Add...' button and select the cmyk_with_strategy ticket.

H Defa	ult - Export to) Normalized File (DeskPack Only)	
File Vie	w		
💽 S	ave and Close	Tickets: 🔀 🕶	
Steps:			in the second
Settings]	to Newsland File (DeckDeck Only)	Add Insert Remove
Settings	Ior Step. Expor	(to Normalized The (Deskrack Only)	
ESIRO	Output in: [Jo	ob URL]	Browse
	File Name:		+[]
		🔢 Add Step	×
		Available:	۹
		Task Type /	Ticket Name
		Expand Variable Data to PPML File	
		Expand Variable Data to PPML File (DeskPack only)	
		Export to GRS File	Default
		Export to Normalized PDF File	Default
		Fork	Default
		Mark for Copy or Delete	2 Default
		Rip to WS4000 series	🛄 cmyk with strategy
		Rip to WS4000 series	Default
		Step & Repeat Tabular	E Default
		Step & Repeat Tabular	🔣 S_and_R_Indigo
		Wait	E Default
		Wait for Action (Checkpoint)	🔣 Default
		<u> </u>	
			Cancel

c. Save the combined ticket



Save the combined ticket as 'global' and add it to favorites.

Preparing the one-up in Illustrator



Use the Trim Box and Media box plug-in to set media box and trim box. For more info we refer to the Trim Box and Media box manual.

Step and repeat the file with Step/X

For accurate info about all the Step/X features, we refer to the Step/X manual. If you want to use Step/X for variable data, we refer to the variable data manuals

Now you can step&repeat the file using the step/X plugins. It is accessible from the Window menu, Esko menu, proceed to step/X.

🐸 Adobe Illustrator				
<u>File Edit O</u> bject <u>Type S</u> elect Filter Effe <u>c</u> t <u>V</u> iew	<u>Window</u> <u>H</u> elp			
	New <u>W</u> indow			
🔁 A2 Matryx.eps @ 150% (CMYK/Preview)	<u>C</u> ascade Tile <u>A</u> rrange Icons Workspace	•		
	Actions Align ✓ Appgarance Attributes Brushes ✓ Color ✓ Control Palette Document Info	Shift+F7 Shift+F6 Ctrl+F11 F5 F6		
	Esko		3-dX (unlicensed)	•
	Flattener Preview		barX	
	🗸 Gradient	Ctrl+F9	boostX	•
	Graphic <u>S</u> tyles	Shift+F5	CAD	
	Info	F8	checkX	•
	✓ Layers	F7	Expand CAD Layer	
	Links Magic Wand Na <u>v</u> igator Pathfinder	Shift+Ctrl+F9	imageX Ink Manager Launch Task screenX (unlicensed)	Alt+Ctrl+F Alt+Ctrl+Z Alt+Ctrl+A
	Stroke	Ctrl+F10	seamlessX (unlicensed)	Alt+Shift+Ctrl+A
	SVG Interactivity		✓ Server Tasks	
-	 Swacches Symbols Tools Transform Transparency Tupo 	Shift+Ctrl+F11 Shift+F8 Shift+Ctrl+F10	stepx trapX (unlicensed) ✓ Trim Box and Media Box Variable Data viewX (unlicensed)	
	Variables	5		
	Brush Libraries Graphic Style Libraries Swatch Libraries Symbol Libraries) 		
	✓ A2 Matryx.eps @ 150%	(CMYK/Preview)	2	

In the first tab sheet, we define the height and the width of the plate. For HP Indigo workflows, we can work with a variable repeat length, as long as it does not exceed 450 mm. Note that we therefore activate the 'automatically adjust height'feature. We fill in the 330 mm width though. Note that the box for sheet size is not checked. In an Indigo workflow platesize=sheetsize.

StepX		
Plate & Sheet		Launch
Plate Size	Scale Output	Cancel
Width: 330 mm	Horizontal: 100 %	
Height: 110 mm	Vertical: 100 %	Prev
Automatically adjust height	(Scaling can be used to compensate for plate distortion.)	Next
Sheet Size		
Width: 330 mm		
Height: 110 mm		
(or cylinder circumference)		
		Open
		Save

Proceed to the next tab by clicking 'Next'

Grids	Cone Up: A2 Matryxfitted.ai Size: Document Trim Box (Borders) S5 mm x 110 mm Mask with a Bleed of mm	Rotation: A > V < (the topleft one-up)
F Adjust Height to:	Horizontal: 2 steps Gap: 5 mm Vertical: 3 steps Gap: 5 mm Fit around Cylinder Position Sheet Sheet Preview	Alternate Alternate Open

Define the number of horizontal and vertical steps. Define the gap. In this example there are 2 horizontal and 3 vertical steps, and a gap of 5 mm. The size is according to Document trim box (which is defined in Illustrator trim box and media box). The position of the grid is by default in the middle, therefore top and bottom margins will be half a gap.

Note: it is necessary to go one step back with 'previous', to see whether the repetition has not exceeded the maximum size of 450 mm. In this example we see it is 369 mm. Adding one more vertical step would have exceeded the 450 mm!

StepX		
Plate & Sheet Plate Size Width: 330 mm Height: 369,824 mm Automatically adjust height	Scale Output Horizontal: 100 % Vertical: 100 % (Scaling can be used to compensate for plate distortion.)	Cancel Prev Next
Sheet Size Width: 330 mm Height: 369,824 mm (or cylinder circumference)		Open Save

After clicking 'Next' you will see the Variable Data setup. As we are explaining examples for non-variable data switch off the variable data feature in this example.

'ariable Data	×			La	unc
Enable Variable	Data Grid Contents	Content Fillin	ig	Ca	inc
	Oldentical one-ups	Block Size:	Complete Job	<u>м</u> Р	're\
	(e) Variable one-ups		1 Grid Rows		lex
	Database	Filling Order:	Columns per Job	×	
	Open XML Open CSV	Preview:			
	- Database Details				
	No file selected.				
	Image Path:		directio		
			nininin		
	Browse	Create Gaps:			
		Startir	ng gap		
		Ending	r dab		
			1 Grid Rows		
			10-UDS:		
		O At the	start		
		(a) states	and		nen

Finally you decide how to output the stepped file. Choosing Task Type Workflow allows you to see the chained ticket you made: 'stepx and rip cmykw'.

StepX			
Output	v		Launch
			Cancel
Save As:			Prev
	☑ Use File Name from Ticket		Next
Task Type:	Workflow	✓	
Ticket Name:	stepx and rip cmykw	~	
SmartMarks:	None		
Single-Curve DGC:	<pre><from ticket=""></from></pre>	×	
Automatic DGC:	<pre>From Ticket></pre>	~	
			Open
			Save

Click launch now. The running indicator is a progress window. It will reflect the evolution of both the step&repeat task and the ripping, after which the task will show the 'success'

Tasks			0
stepX	A2 Matryxfitted	14:19:48	🚺 0% 📩
J Dogumentu	W/Will storter in NAD Materic Stand at		
Ticket:	Export to Normalized File: steps and rip cmykw		
Status:	Running		
1 Task			· 🖬 💼 🤃
			23
Tasks			
stepX	A2 Matryxfitted	14:19:48	
			×
Document: Ticket:	W (Vilustrator Job VA2 Matry Xitted a) Export to Normalized File stopy and rip crewk w		
Status:	Success 26 s		
1 Task			

Your files should appear in your job manager and are now ready to be printed on the HP Indigo.

In these three examples you notice that preparing your tickets is essential to prepare your workflow. You applying the tickets to input files, you do this either in the workflow manager pilot or in Illustrator. In all cases, the Pilot gives you feedback about the file processing. A log file is also generated in the FlexRip dispatcher.

Creating YTD PPML files for an HP Indigo press

The following information assumes the use of: YTD version 2.0 for InDesign CS3 for Mac or PC

Introduction

Esko RIP is capable of processing YTD PPML and PDF output. Since the PPML and PDF that is created by YTD is not based on the JLYT/SNAP technology, processing time is longer than for similar JLYT output to be process on the HP Indigo DFE.

Esko RIP is also capable of processing YTD's PDF and PPML output. HP Indigo has enabled this capability for customers who would like to use YTD's feature as imposition features tuned for packaging and labels, easy to use interface, or the full integration with the Adobe InDesign page layout tool. For any other customer we recommend purchasing and using our HP Indigo Labels and Packaging VDP tools powered by Esko, which is a plug-in of Adobe Illustrator, and is an available upgrade option for the Server. Esko RIP can consume PPML with only one spread per document.

On the HP Indigo DFE, installation procedure and the output format of the YTD PPML as they reflect in the below procedure is not reflecting YTD as it works with or any other HP Indigo DFE. Since the PPML and PDF that is created by YTD is not based on the JLYT/SNAP technology, processing time may be longer than it takes for similar JLYT output to be process on the HP Indigo DFE"

To use the HP Indigo Labels and Packaging Server with YTD output please do the following:

Workflow Steps

Reveal hidden files

Windows

- 1. Open file browser and select *My computer*
- 2. Select Tools menu, Folder Options.
- 3. In the View tab select Hidden files and folders
- 4. Check the Show Hidden files and folders option

Macintosh:

Folder are not hidden on Mac

Steps to follow in the YTD software

- 1. Close InDesign application
- 2. Using Notepad or any text editor create a new file and name it SeparatedPDFsPPML.TXT
- 3. Place this file into:

For Windows:

C:\Documents and Settings\username\Application Data\Adobe\InDesign\Version 5.0

For Macintosh:

username->Library->Preferences->Adobe InDesign->Version 5.0

4. Open your InDesign application and use your YTD as you usually do

5. <u>Save your InDesign document in a New empty folder</u> before you choose to create the PPML output file. **Explanation:** When creating a PPML output file to be used by the Esko, the results are separate single-page PDF files for every personalization record and for every InDesign page. Therefore, make sure to save the InDesign document in a new empty folder so that the output files will be saved into this location for easier file transfer to the Esko

Steps to follow on your HP Indigo Labels and Packaging Server powered by EskoArtwork

- Create a Job Ticket to normalize a PPML file
- Output of normalized data

INORMALIZED PPML CMYKW - Normalize PPML Workflow	
File View	
Save and Close Tickets: 📅 🕶	
Steps:	
	Add
	Remove
J Settings for Step: Normalize PPML	
Output in: [Job URL]/03_output/04_normalized/CMYKW/[Date][Time]_[File]	Browse
File Name:	+[]
 All Pages Range (Example: 1-5,7,9-11) Split Up a Multipage File 	
Maximum Pages per File 8	
First Pagenumber in Output	
Merge Separated File to Composite Page	
Optimize Merged File	
Password	

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