# **ONYX 22.5.1 Release Notes**

# ONYX 22.5.1 is a patch update to address the following issues:

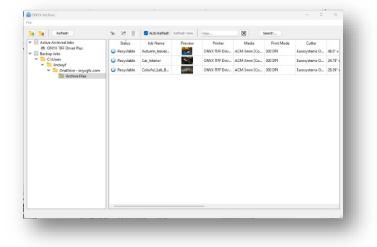
- Fotoba XLA
  - $\circ$   $\,$  Cut marks are placed correctly when placing more than three images in a row.
  - The barcode is placed in the correct, readable position whether or not the extension of the vertical cut mark is selected.
  - The bottom barcode is now sending the correct placement for cutmarks whether or not "Image Width" is selected.
  - Margin size is correct with both left and right justification when using Canon Colorado with AAC marks. (This is related to a driver update as well, so be sure to update to the latest driver.)
- Grommet Marks
  - All marks are now printed as expected.
    - Only the + marks were printed in 22.5.
- Media Manager
  - Crashes with Color Devices have been resolved:
    - X-Rite i1Pro 3, X-Rite i1Pro 2, Nix 2, on USB
- Swatch Book Linearization
  - $\circ$  Updates to linearization application in Swatch Books when using Contone Printers
    - Output of PDF file using a named color more closely matches the output of Swatch Book for the same-named color.
    - Linearization is applied to Swatch Book swatches to output is (nearly) the same as printing a PDF document with the same-named color.
- Japanese/Korean Language translation errors have been resolved in identified areas of the software.
- Rip Queue
  - The RIP Queue can only handle filenames up to a certain maximum length. Files with names that were too long were causing crashes. RIP Queue will now autodetect maximum filenames before crashes.
- Technology Updates
  - RipQueue LibCurl updated to latest version 8.4.0
  - Errors with HASP not updating properly during installation have been resolved.

# **ONYX 22.5 Release Notes**

- ONYX Archive
  - You will need to reveal Archive in the toolbar. Go to Setup > Customize Toolbar > Then select/check Archive.



• ONYX Archive is the first step towards the added ability to store and reprint jobs in our RIP software. Use ONYX Archive to back up, search for, and restore jobs.



- Automated job sorting and custom delete time frame options.
- Frees up memory within the RIP that would otherwise be used to keep buffered jobs available for reprinting. Choosing your own custom folder path to sort and store your jobs any way you like.
- Can be set up in QuickSets (Advanced > Workflow) or manually in RIP Queue.

dit Quick Set - Advanced Option			After printing, backups will occur:	
	Let > So Stote State  All  All  All  All  All  All  All  A	Process/Prnt Optons:	Immediately     After a time delay     I     Hours     Select a backup folder from ONYX Archive or browse to a     different folder.      ONYX Archive folders:     Backup Paths	a 
		OK Cancel	OK Ca	ncel

 There have been updates made to help clarify actions related to ONYX Archive.
 Before developing this tool, we had an "Archive" action in the RIP Queue that would Buffer the job and send it to the area under the RIP-Queue. We have updated this action name to "Buffer Job," while the option for using Archive is now "Send Job to Archive Folder."

Status	Jobs Ready to I	Print Preview	Size	Copies	Printer	м
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Jobs Ready to	Print: 1		Jobs Currently 1	ielected: 1		
Status +	Buffered In	bs Prev	áov Size	Cop	sies Printer	
				i Jobs: 0 byt		

### • APPE Update

- Using the latest Adobe PDF Print Engine APPE 6.1.
  - Improved Print Quality
  - Most Up to Date RIP Performance
  - APPE 6.1 includes new 'edge-to-edge image' features to avoid the appearance of blank edge pixels in a Step & Repeat workflow (Note: this may cause a very slight adjustment in the page size to occur.)
    - "SnapEdgeToEdge" Enables matrix adjustment code and slightly changes page size to avoid page edge artifacts. (In APPE 5.5 and later)
    - "EdgeToEdgeImageMarker" Allows for image-to-edge scaling when set to True. By default, the value is set to False.
    - "EdgeToEdgeImageMargin" Determines the margin used to snap an image to a surface bounding box. By default, the value is set to 0.1. It can be set to True, and the value would be 2.

#### • XY Trimmers

- Change in the layout of how to set up an XY trimmer for cutting.
  - Device Specific default settings.

Trimmer Type:	Fotoba XLA	~	
	Fotoba, Dicus or Flexa Cutter Marks		
	Fotoba XLA Fotoba XLD/XLE		
General	KalaXY		
Groupina:	Ellerhold Poster-Cutter 2050	Space Between Image and Cutter	Mark:
By Tiles	By Copies	0.12"	0.0"
Perce	nt to cache before printing: 100%	0.12"	0.0" 🔹
			Single Double
		Horizontal Outter Marks	
Cutter Mark Darkn	855		
-		Vertical Cutter Marks	
		Double Mark Size:	6.0mm
1	2 3 4		•
🖉 Horizontal Copyir	ng .	Single Mark Size:	4.0mm
XI & Barcode Gener		Mark Line Size:	2.0mm
ALA Barcode Gener		Notch Size:	2.0mm
	Top and Bottom 🗸		<b></b>
O Local	<ul> <li>Remote (using Internet)</li> </ul>	Vertical Alignment	
Prefix Ty	/pe: barcode4 v	Image Width	
Note: Remote bard	ode generation can slow down print	Hide Center Marks	
performance	-	Extend Vertical Marks	
	ommended for images printed for the Fotol cted when printing for the Fotoba XLA.	ba XLA.	
		ок	Cancel Help
		_	_

- Fotoba updates:
  - Independent barcode placement added. Can now select top and bottom barcodes independently or choose to use both.
  - Added option for remote Fotoba barcode generation.
  - The minimum size for the XLA is A5 in portrait orientation. This would result in no vertical cut lines being printed. There is now a warning mentioning the minimum size requirement. Vertical lines will still print, but the notches will not be generated. Fotoba does not recommend this, so this is not guaranteed to work.
- Added Devices:
  - KALA XY Trimmer
  - Ellerhold Poster-Cutter 2050
    - Default placement needs the left offset to be a minimum of 10mm, and the space between image edges and trim marks needs to be a minimum of 4mm on all sides for the cut marks to print.
- New Color Devices:
  - Nix Spectro 2
  - o Barbieri Spectro LFP qb SDK (Additional QR Code capabilities to follow)
  - o X-Rite eXact 2
- License Manager
  - Network License Manager link button now added to local License Manager to assist in accessing licensing info and easier updates.

Refresh Licenses	Network License Manager	🖌 Adv	/anced
icense Information	License Server		

- ONYX added the ability to use the ONYX Color Reference Library as part of the color replacement workflow in Job Editor and Quick Sets.
  - Using the OCRL (Onyx Color Reference Library) can help address the challenge of inconsistent or inaccurate color reproduction.
  - Using the OCRL, users can know how a specific color will be reproduced in a specific condition (Printer, ink, and media). Setting this expectation with clients can save time and money.
  - The OCLR can be used with Color Replacements, Named Color Replacements, and automated within ONYX Quick Sets by using save color filters.



# **ONYX 22.0.2 Release Notes**

- Hot Folder Delay
  - Added feature to delay file grab from Hot Folders to ensure files are fully saved before being added to the RIP Queue.
  - Delay can be changed from zero to ten seconds in the General Settings.

Open	Ctrl+O			×
Open Folder		l Settings		^
Job Editor		eneral	General	
Layout Tool		ystem	_	
CUT-Server		ips onnections	Do not RIP jobs that are on hold	
TWAIN_32	>	isplay	Do not RIP jobs that are waiting for media or	page size
View Printed Job Log			Automatically reprocess jobs when shared im	age changes
Restart			Enable Virtual Printers	
Manage Printers			Automatically check for updates	
Manage Cutters			Automatically check for printer updates	
General Settings			Hot folder file grab delay (seconds):	3 🔒
ColorCheck Configuration				
Exit				
		Proxy Setup	ОК Са	ncel Help
		, ,		

#### • Crop Orientation Indicator

• The Crop Orientation tool in Job Editor now indicates your selection.

rinter and Media	Preview	and Size	Patterns			
Maximum Print Ar	ea:			0	0	0
60 Inch Roll			v			
Image Size				0	0	0
W: 23.0"	*	100%	•			
H: 12.0"	•	100%	•		0	0
Crop Size					) Floating	
W: 23.0"	• X:	0.0"	•		) Hodding	
H: 12.0"	• Y:	0.0"	:	ОК		Cancel
Lock Crop Si	ze		6000 6000			-
	Reset					

#### • XY Trimmers

- The naming in the "Placement" options has been updated from "Fotoba, Dicus, or Flexa Marks" to "XY Trimmer."
- Updates have been made to Fotoba marks.

Placement	: Model: Change	Space Between Image and Cutter Mark:
Conserve Media	XY Trimmer	× 🛛 🔲 0.0" 🔹
Conserve Media Group Jobs Together in Print Jobs Individually XY Trimmer	Select the XY Trimme ont to c Fotoba XLA Pess	E 6.0mm \$
_	e Horizontal Copying	OK Cancel 2.0mm
		Image Width Hide Center Marks Extend Vertical Marks
	Notes: * 2mm of bleed is recommended for images printed * Left Offset is restricted when printing for the For	i for the Fotoba XLA. toba XLA.
		OK Cancel Help

- Enhanced Database Performance
  - Duplicate entry of port values is now prevented to avoid conflicts that cause crashing.
- Updates for improved language translations. This involves:
  - Japanese OS PrnInst conflicts resolved.
  - Japanese OS text on the EULA page corrected.
  - Corrected French, German, and Spanish OS values in RIP Queue for size, scale, and bleed.
- Color Updates
  - Corrections to color output using "Step & Repeat" and "Process to allow rotation."
  - Embedded profiles for TIFF files are applied correctly when "apply embedded profiles" is turned on.
- Restored selection of multiple jobs in RIP Queue and Job Archive.
- Printer Installer updated.
- Adjustment to Tile Overlaps when "Flip every other Tile" is used.
- Trim box registration points reverted to cutting clockwise.
- Auto-rotated jobs should also rotate the cut file.
- Updates to resolve Switch configurator and Dashboard communication issues.
- Additional improvements to enhance performance and stability.

# **ONYX 22 Release Notes**

#### • Simplified Printer Installation, Backup, and Update Process.

- Install printers from within RIP-Queue. Image 1-A
  - Printers created with localized names in version 21 or older must be imported into version 22 with the same operating system region and language settings.
- The printer appears automatically after downloading the driver.
- Printer driver version warning when a newer driver is available.
- The current driver versions and newest versions are listed in Printer Manager. *Image 1-B*
- One-click updates when newer driver versions are available. *Image 1-C* 
  - Bidirectional printers will show the newest version available but must be updated outside of this application.
- Backups of printers and media profiles are created during upgrades and uninstallation. *Image 1-D*
- The New Printer dialog now links to Printer Manager. Image 1-E

inters:					
inters.	<i>B</i> —				
Printers	Quantity	Current Version	Newest Version	Move Up	
HP Latex 570		21.1.0.1866	N/A		
Kornit 8bit		21.0.0.1249	N/A	Move Down	
<ul> <li>Generic FilePrinter Contone</li> </ul>	1	21.1.0.0	N/A		
<ul> <li>Generic FilePrinter Halftone</li> </ul>	1	21.1.0.0	N/A	Canforma	
✓ TIFF	1	21.0.0.6330	N/A	Configure	
Generic FilePrinter Tandem Halftone Tony	1	21.1.0.0	N/A	Delete	
Canon iPF TX-4000 abc		21.0.0.3305	N/A	Socie	
				Create PrnInst	
				Update	-
					*
Active Printers Selected:		4			
Active Printers Selected: Active Printers Allowed:		4 11			
Active Printers Allowed:	_	11		ONYX	
Active Printers Allowed:	luble	11 Uninstall		ONYX	
Active Printers Allowed:	_	11 Uninstall		onyx thriv	e 🗖
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Active Printers Allowed: Install Printer	n of the following print	11 Uninstall	Location: C	install ONYX Thrive 21 Beta? C:\ONYXThrive21Beta\	e 🖣
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Active Printers Allowed: Install Printer Never Printer Version Ava An updated version Printer HP Lates 700 W OR Date CHQ Dates Add Distance CHQ Dates 200 W OR Date CHQ Dates 200 W OR Date CHQ Distance CHQ Distance CHQ	on of the following print Current Version 21.5.1.5065 21.5.1.5065 21.5.1.5065 21.5.1.5065 21.5.1.5065	11 Uninstall	Location: C	install ONYX Thrive 21 Beta? C:\ONYXThrive21Beta\	e 🖣

- Drag and Drop User Functionality in RIP-Queue
  - Image files can now be dragged from Windows File Explorer and dropped into

RIP-Queue.

- After dropping files onto the queue, a settings window will be displayed that has options to apply to the image, such as Quick Sets, sizing rules, etc. *Image 2-A*
- Drag and Drop Input Tab added to Print Preview and Console Tab. A Quick Set tab has been added to the bottom-right corner of RIP Queue. A combo box allows for selecting a Quick Set for the current printer. Images can be dragged from an Explorer window and dropped onto the tab. These files will be opened with the selected Quick Set. *Image 2-B*

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Minndes V Prom Setus Jobs Reedy to Print Print to CutContour_Sample	Preview 522 Preview 522 15.01* 15.01*	Copies Printer 2 Genetic FlatPrint Contone	Piec: E: Some (Linda Jop) E: Some (Linda Jop) E: Some (Linda Jop) E: Some (Linda Jop) E: Some (Linda Jop) Piece (Linda J	Contone Default	Ĩ	Concret Holia and Page Size Media: Defails Critic Page Size: 30 Shich Rid (50.0" x 500.0")     Placement     Group Jobs Together     Th Preview     Placement     Size Size Size     Size Size Size     Size Size     Size Size Size     Size Size Size     Size Size Size     Size Size Size     Size Size Size     Size Size Size     Size Size Size Size     Size Size Size Size     Size Size Size Size     Size Size Size Size     Size Size Size Size Size     Size Size Size Size     Size Size Size Size Size Size     Size Size Size Size Size Size Size     Size Size Size Size Size Size Size     Size Size Size Size Size     Size Size Size Size Size Size Size S
< obs Ready to Print: 1	Jobs Currenti	y Selected: 0		OK Cancel	>	Start Print: BX Manual
Status Buffered Jobs	Preview Size	Copies Printer	Media Print Mode	Cutter Time	Print Info Console Quic Canon Arizona 1360 XI Quick Set: < Obefault >	11.6 so f
obs Buffered: 0	File Size of Buffe	red Jobs: 0 bytes			Set	And the selected Quick

#### • ONYX Color Reference System

- ONYX Swatch library to assist in making color choices and setting expectations with customers.
- ASE Color Library for ADOBE Illustrator.
- XML Color Library for CorelDraw
- Poster and Booklet for printable color reference.
- Ability to print "Validated" ONYX Color Reference Library posters/booklets.

• Available in Samples Folder with PDF Guide.



#### • Smart File Name Job Submission

- Metadata can be added to image file names. Any metadata in the file name will be applied to the job when the image is opened. Metadata in the filename has a higher priority than the Quick Set used to open the job.
- The following metadata is supported:
  - Copies (range 1 to 9999)
  - Magnification (range 1 to 10,000, in percentage)
  - Rotation (0, 90, 180, 270)
  - Order Number
  - Company Name
  - Customer Name
- Metadata in the file name begins with the string "\_#JMD#\_". The metadata options follow this token and are separated by semicolons. The metadata in the file name needs to follow the order listed above. If a particular item isn't required, then leave it blank.
- Examples:
  - Wine & Cheese\_#JMD#\_5.tif
    - This will open the file with five copies.
  - Wine & Cheese\_#JMD#\_5;110;90;;ABC Printing.tif
    - This will open the file with five copies, 110% magnification, 90 degrees rotation, and 'ABC Printing' as the customer's name. Notice that the Order Number and Company Name are left blank.

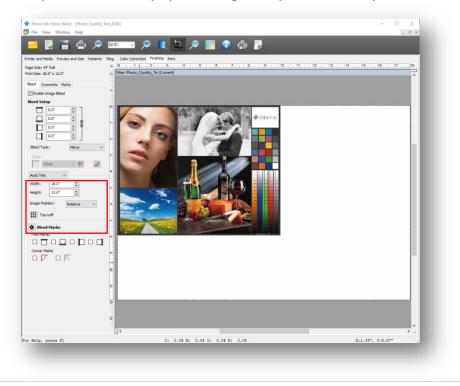
#### Corner Radius Controls for Tile Outline Cut Path

 By default, tile outline cut paths are rectangles. The corners of these rectangles can now be rounded by specifying a "Corner Radius" in the Tile Outline Options dialog.

Tile Outline O	ptions					14 15 16
Tile Outline Cu	t Path placemen	it:				- 1
Original Im	age Edge		-			
Choke:	0.00*	•				
Corner Radius:	0.25"	<b>÷</b>				
<ul> <li>Include Print</li> <li>Trim Overla</li> </ul>						
Layer: TileO	utline		~			
		Ok	Cancel			
				2		> <del>•</del>

#### • Enhanced tools for Nesting Control

An Auto Trim feature has been added to Quick Sets, Job Properties, and Job Editor. When Bleed is enabled for a job, the trim can be specified as "Manual" (the default) or "Auto." When Auto Trim is chosen, the job width and height can be selected to create the material size (white space), and the image position can be specified. This helps place images in specific nested positions, such as when



using a jig.

 When opening a job with multiple copies of itself, you now have the option to split that job with multiple copies into individual jobs for those copies. The option is available in Job Editor, Quick Sets, and Job Properties.

inter:	Generic FilePrinter Halftone
Uick Set Name:	◆Default>   Workflow   After Processing:   Delete Source Image   Split Copies to Separate Jobs   After Printing:   Archive Job as Space Allows   Archive Job Indefinitely   Delete Job   Job Creation:   Delete Job   Job Creation:   Default Operator   Default   Default   Default
	· ·
	OK Cancel Help

Area-based print triggering controls for flatbed printing workflow automation.
 Use in combination with Split Copies to print jobs automatically based on percent full.

	Est Guick Sets Configure Printer Floor Blapsed Time Remaining Time Hedis Higgs Solvert	i Crata Currigure Proche Page Ste Clear Pile SC 64 rich Rol Photo Page 13 rich Rol	Placement St Group July 1	Configure ColorCheck Integy StartPrint Igother Manual Ia Manual	Timesuit Full 21%		Till_File_Printer	thrive	•
Ord Safet and Features     Ord Safet and Features     Ord Safet and Features     Ord Safet Child.     Nexting	StACol, 600 DMX [Defaul		Conserve He sheet Fotoba, Disus	la Marual ar R., Marual	62% 42%			heck dia and Page Size	
Share Julio For: Selected Finiter v [1997							Media: GRACol. 500 [Chin Page Size: 44" Rul (44.0" x 5		
Status Jobs Ready to Print	head	52e Capes 18-9" x 12-0" 1	Harter 181_File_Pictur	Media GRACAL 600 (DRVX)	Print Hode	Cutter A	O Placement Conserve Herda		~
Wating the approx. Quality. That AGS	<b>a</b>	18.0°×12.0° 1	18.5% Pictor	GRADA 600 IDM/10	660	New	Paul Present		PO
ment Strategy: Group Jobs Together				~	600	No.	8 42 F	10	
Print Triggering: Automatic					640	Nove	845		-
Printing will begin when either of the below conditions is Time Based Start:	Area Based Start:			<b>-</b>	600	None ,		_	
1 seconds	65 % ful	◯ Total			0.0r	The v			
		• Minim	um Row/Shee		Tare	12/29/2021 13:24			
Offsets:	Printing Gutter:	Gutter Size:					Port Info Coreale	Duck lan	
		•.5					Start/Next: Trans.c: Jobs Tr Nexts	dan yan	Henuit
Justification:	Flip every other tile				ш.	,	Area: Ful: Length		11.0 mg ft 60% 30.0"
• ≧ • ≦ • ≦						-		-	-
	OK	Can	el	Help					

 Quick Set image cropping by size. Previously, cropping was done by setting the percentage of the image's top, bottom, left, and right sides to crop. Now, cropping can also be specified by setting the crop size and either an offset from the top-left corner of the image or a relative position within the image.

Printer:	Generic FilePrinter Halftone	
Quick Set Name:	Crop By Size	
Crop     Patterns     Step and Repeat     Step and Repeat     Tile     Tile Marks     Tile Map     Color Correction     Finishing     Bleed     Grommets     Marks     Print     Workflow     Output     Job Ticket     SyPDF     PS/PDF Job Files     PS/PDF Separation     SyPDF Separation		

 Sizing Rules added to File Open window. Can now select from Image Size, Width, Height, Pixel Based Magnify, or Define by Quickset when opening a job in RIP-Queue or Job Editor.

.ook in: Samples 🗸 🗸	G 🦻 🖻 🛄 🕇	Printer:	Job Ticket
lame	Date modified	Generic FilePrinter Halftone	Order #
Colorways Cutting InkRestrictionSwatches Proofing Gradient_Evaluation.pdf Gradient_Evaluation.pdf ONYX Backlit Evaluation.pdf ONYX Quality Evaluation.ONX ONYX Quality Evaluation.Pdf ONYX Quality Evaluation.FAQ.pdf ONYX Quality Test.pdf Photo_Quality_Test_RGB.tif	10/7/2021 2:39 PM 10/7/2021 2:39 PM 10/7/2021 2:39 PM 6/17/2021 9:39 AM 6/17/2021 9:30 AM 6/17/2021 9:30 AM 10/7/2021 9:30 AM 6/17/2021 9:30 AM 6/17/2021 9:30 AM 6/17/2021 9:30 AM	Quick Sets: <default> Apply the settings from the most recently submitted job to the new job Image Copies: 1 Staing Rule: Width 8.33"</default>	Company Customer Custom01 Custom02 Prints Due 0 Cable Due Date Due Date Due Date Due Time 3:03:47 PM C
Wheels_InkLimit_16bit_600.tif  Wine & Cheese.tif  a game:  so fype:  ONYX Thrive Job/Image Files	6/17/2021 9:30 AM 6/17/2021 9:30 AM	Reduce Size to Fit Page Rotate: 90°  Mirror	

#### • Job Counter

• Displays the total number of jobs ready to print for the selected queue. The number of currently selected jobs is also shown.

Status	Jobs Ready to Print		Preview	Size	Copies	Printer
Waiting Print	<sup>10</sup> Onyx_Quality_Test			11.5" x 6	.0" 1	HP Latex 570
Waiting Print	<sup>to</sup> Wine_&_Cheese			5.36" x 6	.75" 1	HP Latex 570
Waiting Print	<sup>10</sup> 你好了测信式		۲	10.67" x 14.22"	1	Kornit 8bit
Waiting Print	<sup>to</sup> 1920px-NASA_Worm_k	ogo.svg	N/\S/	20.0" x 5	.59" 1	Kornit 8bit
Total Jobs Re Status	ady to Print: 4 Buffered Jobs		s Currently Selecte			Media
Status	burrered JODS	Preview	Size (	Copies Prir	iter	media

• Displays the total number of buffered jobs for the selected printer queue. The total file size of the buffered jobs is shown as well. If the file size of the buffered jobs is more than 10% of the entire disk space, then the percentage of disk space used by the buffered jobs is also displayed.

Status 🔺	Buffered Jobs	Preview	Size	Copies	Media	Print Mode	Cu	File Size	Time
🔕 Archive	ONYX_Quality_Evaluation		87.5" x 115.0"	1	Default	720 dpi, Stochastic	None	832.5 M	8/12/2021 9:59:32 AM
🕥 Archive	ONYX_Backlit_Evaluation		96.25" x 126.5"	1	Default	720 dpi, Stochastic	None	1.0 G	8/12/2021 10:02:38 AM
🕥 Archive	ONYX_Backlit_Evaluation~1		96.25" x 126.5"	1	Default	720 dpi, Stochastic	None	1.0 G	8/12/2021 10:07:10 AM
🕥 Archive	Onyx_Quality_Test		72.0" x 138.0"	1	Default	720 dpi, Stochastic	None	889.9 M	8/12/2021 10:07:33 AM
🕥 Archive	HIVEs_InkLimit_16bit_600		57.5" x 130.0"	1	Default	720 dpi, Stochastic	None	615.9 M	8/12/2021 10:10:42 AM
🕥 Archive	ONYX_Backlit_Evaluation~2		105.0" x 138.0"	1	Default	720 dpi, Stochastic	None	1.2 G	8/12/2021 10:14:31 AM
🕥 Archive	Wine_&_Cheese		85.8" x 108.08"	1	Default	720 dpi, Stochastic	None	1.6 G	8/12/2021 10:17:02 AM
🕥 Archive	Wheels_InkLimit_16bit_600	:	74.75" x 169.0"	1	Default	720 dpi, Stochastic	None	662.7 M	8/12/2021 10:18:19 AM
🕥 Archive	테스트_파일		87.5" x 115.0"	1	Default	720 dpi, Stochastic	None	876.1M	8/12/2021 10:19:05 AM
obs Buffered:	9	File Size of Buffered Job	os: 8.5 G	Disk	k Space Us	ed by Buffered Jobs:	11.619	6	

• Displays the count of jobs in the nest for the currently selected printer.

Print Info Console	
Start Print:	Manual
Timeout:	
Jobs In Nest:	8
Area:	21.8 sq ft
Full:	85%
Length:	52.6"

#### • G7 Calibration Without Profiling

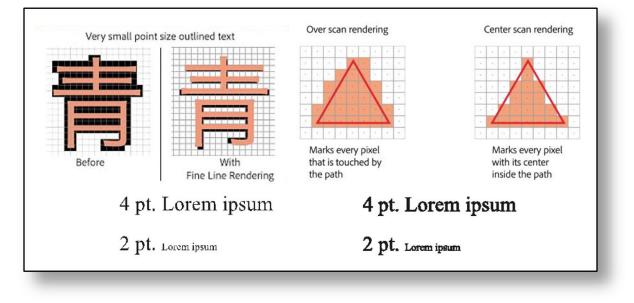
- Just as in Media Manager, an iterative G7 correction curve can be applied through ColorCheck if a G7 P2P swatch is printed and measured with no color management (the G7 Grayscale workflow).
- An Apply Update button will be visible in the initial report after measuring the swatch. Clicking the button will apply an iterative G7 calibration curve to the mode.
- A "G7 Correction Check" swatch is now installed and can be used to check how well the calibration/correction achieved the G7 aims.

#### • D65 Light Source Measuring for Textile Printing

- When building or editing an ICC profile in media manager, profiles can now be created using a D65 illuminant with the Standard 10-degree observer by selecting the option in the Build Options window for ICC profiles.
- Color Management according to textile industry standards.

#### • APPE Update

- Using the latest Adobe PDF Print Engine APPE 5.7.
- Fine line rendering for a lighter and cleaner appearance.
- Greater clarity of small point size text that has been outlined.



### • Additional Updates

- C:// default install location with the option to choose an alternate location.
- Unique ICC profile name.
- Fotoba updates. Improvements were made for length adjustment and better alignment. XLA Barcodes are no longer included with resolution adjustments.
- Rip Queue Shut Down warning only shows when jobs are processing or printing.
- The print mode is added to the printed job log.
- The database default port value can now be changed in the General Settings dialog.
- When generating a soft proof from a multi-page PDF, the option to soft proof all the pages in that multi-page PDF is now available.
- Base linearization and calibration process added for existing CMYK contone modes.
- Custom color controls for Grommets. The default color is white.
- RIP-Queue's General Settings dialog UI has been updated to make it more consistent with other settings dialogs.
- Changes to underlying architecture to allow for better flexibility and easier maintenance. Now allows for configuring printers without shutting everything down and for "printing as groups."

### • New color devices.

- MYIRO-1 With Wi-Fi Connectivity Support. Updated information on how to set up WiFi Support has been added. Port options are not required for this device.
- Barbieri Spectro LFPqb Textile Edition.

# **ONYX Version 22.5.1 Cutter Release Notes**

# **Application - Updates/Enhancements:**

# **RIP-Queue:**

- Addition of cutter marks to print previews for numerous cutter devices:
  - Colex SharpCut, Comagrav, Dyss, EuroSystems OptiScout, Graphtec, i-cut Vision, MCT, MultiCam, Summa F-Series
- Corrections for default settings when selecting custom output path locations.

#### **Device - Additions/Changes/Fixes:**

*Note: All cutter device fixes from Onyx 22.5 that were previously supplemented by cutter patches are included with this release* 

#### **BESCUTTER:**

BesCutter MultiCut - NEW DEVICE

• UPDATE: Optimizations for default folder locations for cut job output

#### COLEX:

#### SharpCut Pro

• FIX: Corrections for default path for Material Match selections

#### **GRAPHTEC:**

#### FC9000/CE7000

- UPDATE: Addition of option for inclusion of feed direction arrows to print/cut jobs
- UPDATE: Adjustments for Data Link server connection timeouts
- FIX: Optimizations for detection of vertical intermediate mark spacing
- FIX: Optimizations for detection of Type1 registration marks
- FIX: Corrections to start mark / vertical barcode generation for standard barcode type
- FIX: Adjustments to barcode generation code when using non-square print resolutions for output

#### FCX Series

• FIX: Corrections to start mark / vertical barcode generation for standard barcode type

#### I-CUT:

- UPDATE: Optimizations for default folder locations for cut job output
- FIX: Corrections to cut job previews when narrow prints are selected

# SUMMA:

# S2 Series

• UPDATE: Connectivity updated for use with latest Summa USB drivers

# F-Series

- UPDATE: Include filename extension with ONYX barcode selection
- FIX: Correction for invalid path detection, when using GoProduce Material Database import function
- FIX: Corrections for values ranges of mark size configuration options
- FIX: Adjustments to label/ directional mark positioning when using small ONYX barcode

### TROTEK:

• UPDATE: Optimizations for default folder locations for cut job output

#### ZUND:

- UPDATE: Additional functionality added to driver for support of Zund Cut Center 3.5 features
- FIX: Corrections for generation for multi-layer cut jobs to Zund Cut Center
- FIX: Optimizations to default paths for material match settings files
- FIX: Adjustments to QR code generation for rotational alignment/detection values

# **ONYX Version 22.5 Cutter Release Notes**

#### **Application – Updates & Enhancements:**

#### RIP-Queue :

- Addition of cutter marks to print previews for numerous cutter devices.
- Optimization of cutter settings persistence with relocation to /DB/Cutters folders for all devices.
- Updates to cutter mark generation for POSTNET/Code39 and QR barcodes with nonsquare print resolutions.

#### **CUT-Server:**

- Optimization of cutter settings persistence with relocation to /DB/Cutters folders for all devices.
- Connectivity updates for supported Mimaki print/cut and cut-only devices via USB and TCPIP

#### Layout Tool:

Vertical Barcode support added for corresponding cutters (Summa F-Series, Kongsberg iPC, etc.)

### **Device - Additions/Changes/Fixes:**

*Note: All cutter device fixes from Onyx 22.0.2 that were previously supplemented by cutter patches are included with this release* 

### ARISTO:

• UPDATE: Rotation option to Aristo Cutter dialog

### COLEX:

### SharpCut

- FIX: Correction of QR code generation with non-square print resolutions
- FIX: Restored Colex SharpCut device to selection list

### COMAGRAV:

- FIX: Corrections to cutter marks direction mark positioning
- FIX: Corrections to cutter marks distances when paneling

#### CUTWORX DIGITAL:

• UPDATE: Device renamed per OEM from CWT Apex Cutter to CUTWORX Digital Cutters

#### ESKO:

• UPDATE: Previous ESKO/Kongsberg devices have been migrated to Kongsberg as OEM

# EUROSYSTEMS:

#### **OptiScout 2 cutter**

- UPDATE: Added Material Thickness information to UI materials selection option
- FIX: Corrections for QR code distortions when printing with non-square resolutions
- FIX: Corrections for special character handling in XML output format

# GENERIC\_DXF:

• FIX: Correction for the issue of flattening curve paths when curves are supposed to be enabled

HP: Latex Plus cutter • FIX: Removal of non-used USB connection option (not supported by OEM)

# I-CUT:

• UPDATE: Added option to rotate jobs 180 degrees

# KONGSBERG:

# Kongsberg iPC cutter - NEW DEVICE

- UPDATE: Barcodes and QR codes added
- UPDATE: USC marks added
- UPDATE: Kongsberg output format added
- UPDATE: Cutter was added Layout Tool
- UPDATE: Output files are now collected to .zip folder
- UPDATE: Added ability to move .zip output to designated location
- UPDATE: Translation of cut data points after rotation applied
- UPDATE: Cut Data is now rotated by default
- UPDATE: Changed associated cut job output name to .CGF
- UPDATE: Added barcode information to job ticket
- UPDATE: Cutter options UI made adaptive to barcode selections
- UPDATE: Added print preview of cut marks
- FIX: Simplification of material name in output file
- FIX: Correction for incorrect side barcode displayed in preview
- FIX: Correction for QR code clipping at output file edges

# MIMAKI:

# CGFX II Cutter

• FIX: Removal of unsupported TCP/IP port option

# ID\_CUT devices

- UPDATE: Optimization of roll server functions when using the USB/TCPIP port types
- FIX: Corrections for ID CUT barcode distortions when printing with non-square resolutions
- FIX: Updated functions of roll server for ID\_Cut devices to search for correct cutter names
- FIX: Updated functions of roll server to utilize correct ID\_CUT cutter names

# POSTNET:

- UPDATE: Adjustments to positioning of POSTNET barcodes, with certain resolutions
- FIX: Corrections for POSTNET barcode distortions when printing with non-square resolutions

# **PROTEK:**

• FIX: Adjustments to Image Margins for correct Mark placement

# SINAJET:

• UPDATE: Addition of QR code generation

### SUMMA:

### S-Series

- FIX: Adjustments for distorted marks at large Y margins
- FIX: Corrections for incorrect barcode generation at certain resolutions

# S2 Series

- FIX: Correction for invalid instructions in cutter output files
- FIX: Correction for crashing issue when set to minimum Mark/Image Margin sizes
- FIX: Removal of extraneous OPOS type selection with default settings

# S-One

- FIX: Removal of non-existent cutter model (not released by OEM)
- FIX: Correction for crashing issue when set to minimum Mark/Image Margin sizes

# F-Series

- UPDATE: Added Material Match for use with Summa GoProduce
- UPDATE: Added Summa GoProduce output format
- UPDATE: Added print preview of associated cutter marks
- FIX: Adjustments to margin settings to prevent crashing issue
- FIX: Enhancements to cutter mark print preview to account for mark size increases
- FIX: Correction for invalid path detection, when using GoProduce Material Database import function

# TROTEK:

• FIX: Adjustments to Image Margins for correct Mark placement

# **ONYX Version 22.0.2 Cutter Release Notes**

# ARISTO:

• Added rotation option to Aristo Cutter dialog **COLEX:** 

• Restored Colex SharpCut device to the selection list **COMAGRAV:** 

• Corrections to cutter marks distances when paneling **EUROSYSTEMS**:

# **OptiScout 2 cutter**

- Added Material Thickness information to the UI materials selection option
- Corrections for special character handling in the XML output format

# GENERIC\_DXF:

• Correction for the issue of flattening curve paths when curves are supposed to be enabled **HP**:

Latex Plus cutter

• Removal of non-used USB connection option (not supported by OEM)

I-CUT Vision:

• Added option to rotate jobs 180 degrees

# MIMAKI:

CGFX II Cutter

• Removal of unsupported TCP/IP port option

ID\_CUT devices (UCJV150/300, CJV 300 Plus, CF22, CGFXII Plus, CJV 330, CG-AR)

- Updated functions of roll server for ID\_Cut devices to search for correct cutter names
- Updated functions of roll server to utilize correct ID\_CUT cutter name

# **PROTEK:**

• Adjustments to Image Margins for correct mark placement

# SUMMA:

S-Series

- Adjustments for distorted marks at large Y margins
- Corrections for incorrect barcode generation at certain resolutions

S2 Series

- Correction for invalid instructions in cutter output files
- Correction for crashing issue when set to minimum Mark/Image Margin sizes
- Removal of extraneous OPOS type selection with default settings

# S-One

• Correction for crashing issue when set to minimum Mark/Image Margin sizes

# **F-Series**

- Added Summa Go Produce
- Material Match for use with Summa GoProduce
- Added cutter marks to nesting preview
- Adjustments to margin settings to prevent crashing issue.
- Enhancements to cutter mark print preview to account for mark size increases

# TROTEK:

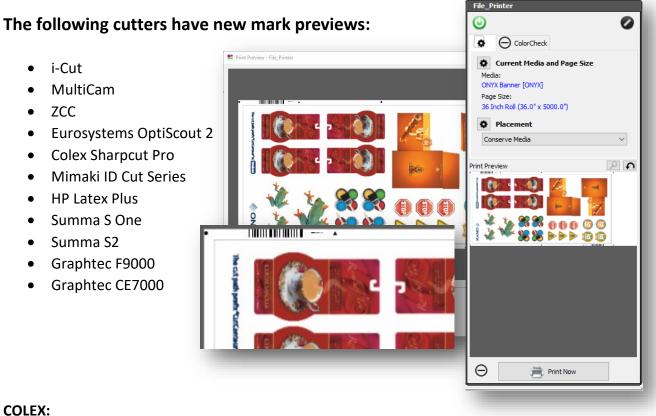
• Adjustments to Image Margins for correct mark placement

# KONGSBERG:

Kongsberg iPC cutter - NEW DEVICE (beta)

• Testing and evaluation are ongoing. Check with ONYX Technical Support for 22.0.2 updates related to this device.

# **ONYX 22 Cutter Release Notes**



SHARPCUT PRO

- New cutter devices added •
- Added Print Preview Cutter Marks in Rip-Queue •

#### **EUROSYSTEMS:**

OPTISCOUT

- Renamed OptiSCOUT cutter to "Eurosystems OptiScout" cutter •
- Correction to XML output formatting •
- Corrections to adjustment of Horizontal Registration Mark placement
- Fixed device name capitalization error in Cut-Server/Layout Tool •
- Corrections to job output XML formatting restricting the use of invalid characters •

#### **OPTISCOUT 2**

- New cutter device Added •
  - Added Material Match functionality for Cut-Direct jobs
  - Added Support for the cutter in Layout Tool
  - o Added Print Preview Cutter Marks in Rip-Queue
  - o QR Code Rotated 180 Degrees to suit controller workflows
  - When using barcodes, cut rotation options are disabled. 0
  - When switching barcodes, related settings will change automatically 0
  - Added adjustable QR code sizes to suit device controller workflows 0

- Generation of QR codes was enhanced to work with non-square print resolutions
- Fixed Adjustment application of Horizontal Registration marks
- $\circ$   $\;$  Fixed issue with driver sending only the last Material Match used
- o Added Print Preview Cutter Marks in Rip-Queue

Generic DXF:

• Updated default output parameters

# GRAPHTEC:

FC9000/CE7000 Series

- Drivers were optimized for accuracy of Intermediate mark detection using Data-Link
- Fixed UI for Roll Media selections, which now show correct options available
- Removed intermediate mark options for Roll Server Pattern 1 due to accuracy issues.
  - Horizontal/Vertical/Both intermediate marks are an option with Roll Server -Pattern 2
- Removed segmentation correction option from CE7000, which this model does not support
- Added Cutter Device Option for generation of Large Barcodes in associated cut jobs.
- Added Connection Status (Stop Light) indicator for TCP/IP device connections in Cut-Server.
- Adjustments to Roll-Server connectivity to mitigate timeout conditions when using Device-Link.
- Added Print Preview Cutter Marks in Rip-Queue

# I-CUT Vision:

- Fixed issue with Margin Settings adjustments / reset to default values
- Changed "I-Cut" cutter instance name to "i-cut Vision" \*
- Updated I-Cut Marks and Barcode added Direction Mark cutter option, correcting nonbarcode workflows
- Updated No Barcode, with Text and Direction mark corrections \*
- Added Print Preview Cutter Marks in Rip-Queue

# MIMAKI:

CG FX Series

• Added "use device setting" option for cutter settings

ID\_Cut Series Devices

- Introduction of ID\_CUT barcodes on all sides to correlate with corner registration marks (Type1)
- Support for ID\_CUT workflows on these Print/Cut devices: *CJV300plus, CJV330, and UCJV150/300*
- Support for ID\_CUT workflows on these Cut-Only devices: CF22, CG-FXII Plus, CG-AR
- New MimakiTCP connection option has been added
- Added drivers to Layout Tool (Direct Cut only, No barcodes)
- Added Print Preview Cutter Marks in Rip-Queue

#### MULTICAM:

- Fixes for consistency of measurement unit used in output cut file.
- Added Print Preview Cutter Marks in Rip-Queue

#### **PROTEK:**

• Adjustments to the generation of Intermediate Registration Marks for Left/Right side placement

#### **ROLAND:**

VG / SG Series

- Correction of cutter device name in Cut-Server selection list
- Adjustments for correct second mark detection

#### RUK:

• New cutter device added

#### **HP Latex Cutter Plus:**

- Added Print Preview Cutter Marks in Rip-Queue
- Adjusted Cutter Mark sizes to prevent distortion of barcode with non-square resolution print modes \*\*

#### SUMMA:

S2/S-One Series

- Added Supporting libraries for Summa S2 functionality
- Adjusted Y margin minimum value to correct value range
- Added Print Preview Cutter Marks in Rip-Queue \*\*

F Series

• Adjustment of Intermediate Mark placement to suit Summa GoProduce workflows

#### VIVID:

VeloBlade

• New cutter device added

#### ZUND:

Touch & Cut

Adjustments to Cut Job output for additional accuracy and registration mark detection

Zund Cut Center

• Added Print Preview Cutter Marks in Rip-Queue

New Devices:

COLEX	SharpCut Pro				
EUROSYSTEMS	Optiscout 2				
ROLAND	GR2 Series				
RUK	RUK				
VIVID	VeloBlade				
Mimaki ID Cut*	Mimaki UCJV300 Mimaki CJV300 Plus Mimaki CJV330 Mimaki CF22 Mimaki CGFXII Plus Mimaki CG-AR				