ONYX
RELEASE NOTES
Version 24.0.3

Version 24.0.3.6489 is a point release that addresses specific issues identified by our users. These fixes are crucial for improving the performance and reliability of our software. Each issue selected aligns with our point release process and will enhance the end user experience. We greatly appreciate the feedback from our users that helped us identify and resolve these issues!

RIP Queue Application Enhancements

Slow 180-Degree Rotation of PNG Files

Rotating a PNG file 180 degrees in RipQueue was significantly slower (taking a few minutes) compared to rotating it 90 or 270 degrees, which only took a few seconds.

The 180-degree rotation of PNG files has been optimized to reduce the processing time, ensuring it now matches the speed of 90 or 270-degree rotations.

RIP-Queue Crash with PNG Files Containing Multibyte Characters

RIP-Queue would crash with a heap corruption error when opening PNG files that contained multibyte characters (such as Chinese or Japanese) in the filename or path. This issue was specific to PNG files and did not affect other file types.

The issue has been resolved, and PNG files with multibyte characters in the name and/or path now open successfully without causing RIP-Queue to crash.

PNG File Resizing Issue with "Mirror" Option Enabled

When the "Mirror" option was enabled in the quickset, opening a PNG file would cause the image to resize unexpectedly.

The issue has been resolved, and PNG files no longer change size when using the mirror option.

Missing Trim Box Cut Lines on Multipage PDFs

When using the "Add PDF Trimbox to cut paths" option on a multipage PDF and separating the pages, only the cutline for the first page was generated.

The issue has been resolved, and now all pages in a multipage PDF will have the trim box cut line generated correctly.

Incomplete Page Display for Multipage PDFs in RIP-Queue

When sending a multipage PDF job to RIP-Queue from the Layout Tool, not all pages were displayed. Specifically, only the first two pages were shown, while the third page was missing.

RIP-Queue now correctly displays all pages of a multipage PDF job sent from the Layout Tool.

Grouping Issue with X/Y Trimmer for Different Image Dimensions

Jobs did not group together when using the X/Y Trimmer if the image dimensions are different. This issue does not occur if the image dimensions are the same.

The issue has been resolved. Jobs with different image dimensions now group correctly when using the X/Y Trimmer, except for the Mimaki XY Slitter, which requires all jobs to be the same size.

Incorrect Print Size for Scaled Raster Images with Bleed

Raster images (JPG, TIFF, PNG) printed the wrong size when the image was scaled and a bleed was added. Specifically, the print would be wider than expected, and printing to file would result in an error message: "Media too narrow for non-rotatable and non-tiled image." This issue did not occur with PDF files.

Raster images now print at the correct size when scaled and a bleed is added, without causing errors or incorrect print dimensions.

Renaming "Basic Install" to "Cut-Server Only Install"

Customers were selecting the "Basic Install" option and were unaware that this option does not allow the use of RIP-Queue. Additionally, attempts to repair Onyx after using "Basic Install" necessitated a full uninstall and reinstall.

To improve customer experience, the "Basic Install" option in the installer has been renamed to "Cut-Server Only Install."

New X/Y Trimmer Line Item

Neolt was added as a new line item in our current X/Y trimmer dropdown.

Device Updates and Enhancements

Note: All cutter device fixes from Onyx 22.5.1 and 24.0.0 that were previously supplemented by cutter patches are included with this release.

Aristo

Aristo Cutter

Implemented user option for QR code output.

Colex

SharpCut Pro

Corrections for default path for Material Match selections.

CUTWORX Digital

Driver Additions

CUTWORX USA APEX Series drivers added

CUTWORX USA APEX Eclipse Series drivers added

Elitron

Elitron Cutters

Elitron xml output corrections

EuroSystems

OptiScout 2 Cutter

Non-square resolution registration mark corrections

GCC

Driver Additions

GCC Expert II driver added

GCC Puma IV driver added

GCC RX II driver added

GCC Cutters

Added user option for directional marks

Implementation of GCC Roll Server functionality

HP

Latex Plus Cutter

Corrections for cut path offsets when using HP Cutter Barcodes

HP Latex Plus Bezier Curve Not Plotting Correctly.

Jingwei

Jingwei Cutter

Corrected QR mismatch workflows.

Mimaki

ID Cut Device

Added Mimaki ID Cut series Layout mark options

Driver Additions

Mimaki CJV200 Cutter driver added

Mimaki CFX Cutter driver added

Roland

Driver Additions

Roland GR2 device (AAS2 Support)

Summa

Summa Cutters

Connectivity updated for use with latest Summa USB drivers for all supported devices

Implemented device connection stabilizations

Corrections for jobs having incomplete cut operations.

S3 Series

Summa S3 Tool command corrections

Correction for Cut-Server crash when Summa USB selection without valid connection

S One

Summa S-One cut path optimizations.

F Series

Summa F Series registration mark output corrections.

Zund

Note: Onyx version 24.0.3.6489 will only work with Zund versions 4.3 and above. Additional QR Code functionality in Onyx is only available for Zund versions 4.4.5 and above.

Zund Cutter Updates

Implement modular barcode selections.

Added ability for driver to produce job bitmap or not.

Added printing directional mark as a user option.

Added RIP hot folder workflow option.

Implemented generation of barcodes on side of nest.

Allow margin-less prints based on barcode data selected.

Optimization of Image placement code.

Re-implemented position mark workflow for latest driver placement options.

Mark background area expanded on Code 39 barcodes.

Corrections for Margin-less workflow with undermarks enabled.

Undermark corrections on positioning mark.

Direct cut from ONYX to ZCC Cut Center correction.

ZCC has a functional user option to generate a large barcode and label.

Margins are adjusted accordingly for new barcode size, no print time crashes occur with various mark and margin settings when using the large barcode option.
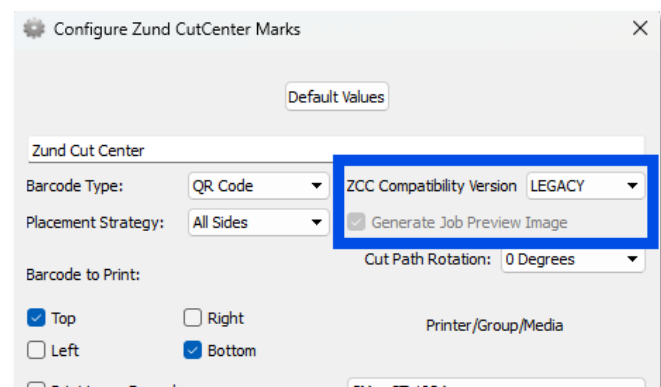
Preview reflects the new large barcode behavior.

Zund: New UI Functionality

Added user dropdown option for ZCC software compatibility, where users will choose their compatibility version from the following choices:
- Legacy
- 3.5
- 4.0

Each selection will automatically disable certain UI options and configure the QR code and cut path structure based on the associated version.

The version 3.5 selection on the ZCC compatibility can successfully send jobs to the ZCC 3.5 Cut Center.

Submitted jobs with 3.5 ONYX compatibly selected will send the appropriate materials to ZCC version 3.5 control software.

No unsupported commands past version ZCC 3.5 are sent when it is selected as the compatibility version in ONYX.

The "Manage Cutters" dialog reflects that the Legacy code will be sent if job is submitted through ONYX CUT-Server.