



What's new in 12.1



Simple. Innovative. Proven.



**64-bit
Platform**



**Application
Tools**



**Simplified
Production**



**Quick Sets
2.0**

ONYX 12.1 is a version update that builds upon the ONYX 12 platform that continues to improve performance, simplify production and enable automation

Save hours on large file processing

Eliminate production bottlenecks with the ONYX 12.1 record benchmark speeds

- RIP output that exceeds 2GB will process in a fraction of the time
- Average speed improvements versus ONYX 11 were nearly 5x faster
- Testing showed some XL file processing speeds up to 23x faster (output that exceeds 4GB)

Sample set of large pdf files	ONYX 12	ONYX 12.1
Total RIP Times	4:39:12	0:48:41





Platform Built For Performance

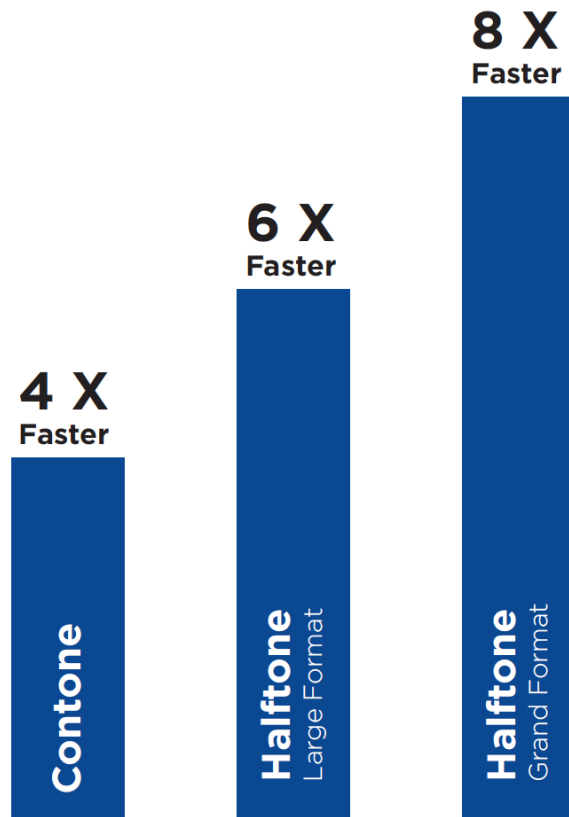
The power of a next-generation, all 64-bit platform

Increase productivity and improve the bottom line by processing more files in less time

Based on ROI calculations, printing just one more job per day can improve the profit margin in a shop by as much as 30%.

Other speed improvements in ONYX 12.1 include:

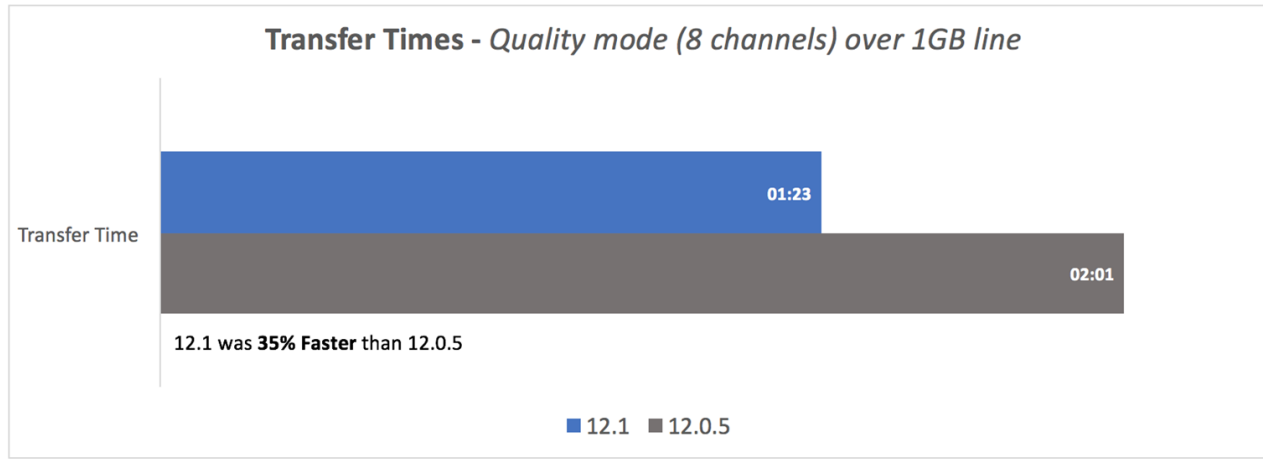
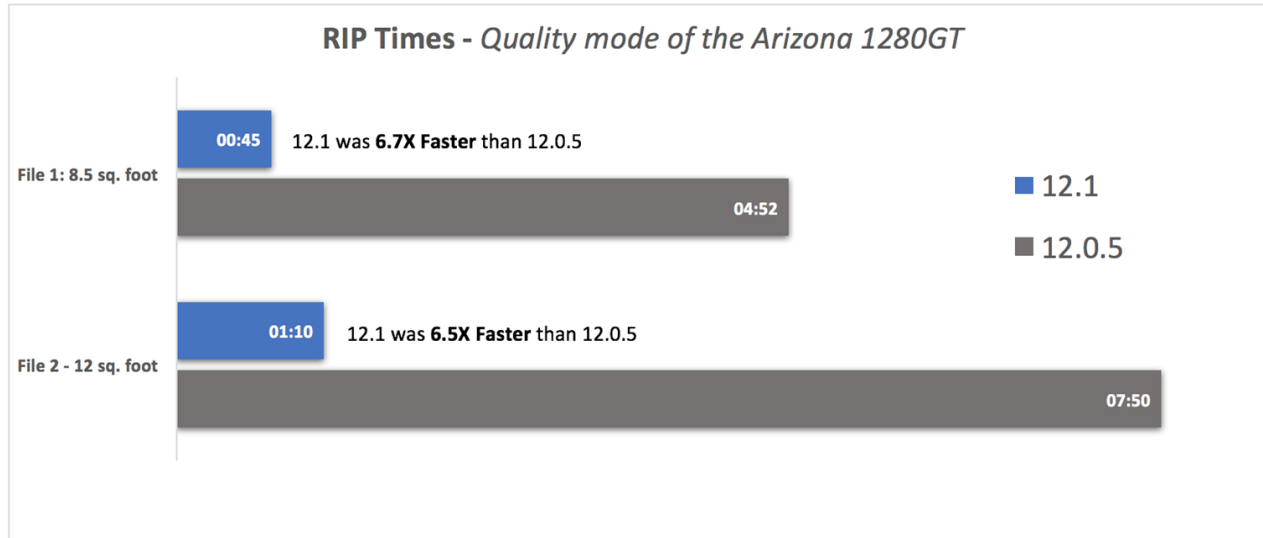
- Measured improvements for raster file processing (JPG, TIFF, etc) up to 20x faster over ONYX 11
- Data transfer speeds from RIP to device with many grand format and file mode printers is up to 2x faster
- Streamlined file handling with high performance hardware such as solid state hard drives*



Average Speed increases between ONYX 11 and 12.1
Files printed at ~ 2.3m or 90in in width/height

*See Onyx recommended system specifications online for more information

Early 12.1 users report significant speed improvements





Simplified Process for G7

Save time creating profiles with G7 correction curves

Matching color across devices and ink types is challenging

Get the benefits of using a G7 process for neutral gray colors with an easy to use solution integrated into ONYX Software.

Profiling with G7 is simple as:

- Print
- Read
- Next

- Standard with ONYX Thrive configuration that include ICC profiling
- Optional module for all other products





Simplified Process for G7

Save time creating profiles with G7 correction curves

Build confidence that everything printed will meet customer expectations

- Use G7 correction curves in Media Manager to achieve output consistency across devices and applications
 - Immediate verification provides confidence you are meeting G7 standards
 - One click iterations dial in G7 conformance
 - Easy import of 3rd party curves
-
- Standard with ONYX Thrive configuration that include ICC profiling
 - Optional module for all other products

G7 Grayscale Verification

1 The G7 P2P verification switch has been printed.

2 The G7 P2P verification switch has been successfully read.

G7 Tolerance	Average: 1.5	Max: 3.0
Tone Curve (L*)	Average ΔE	Max ΔE
CMY	0.23	0.76
K	0.27	0.65
Gray Balance (Ch)	Average ΔE	Max ΔE
CMY	0.84	2.48

Verification Status:

Pass

If verification fails, click the Iterate button to automatically create new correction curves. Then re-print and re-read a new verification switch.

Iterate





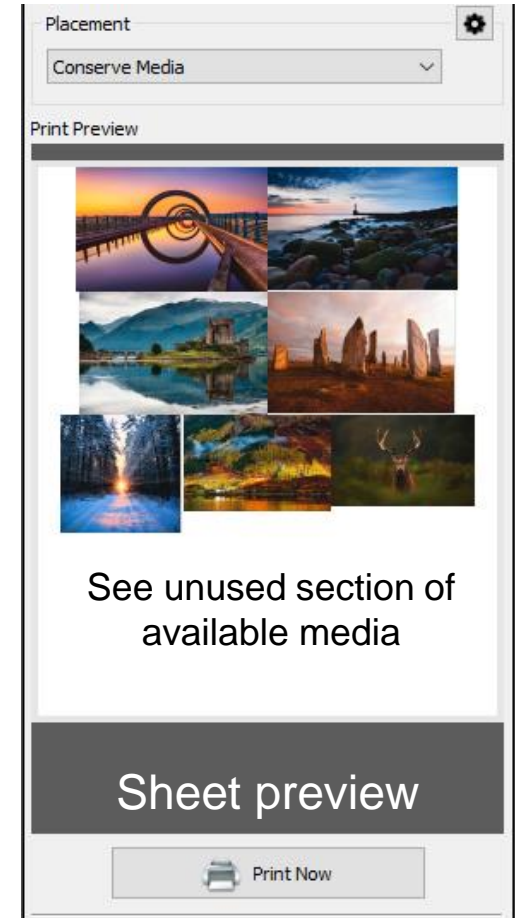
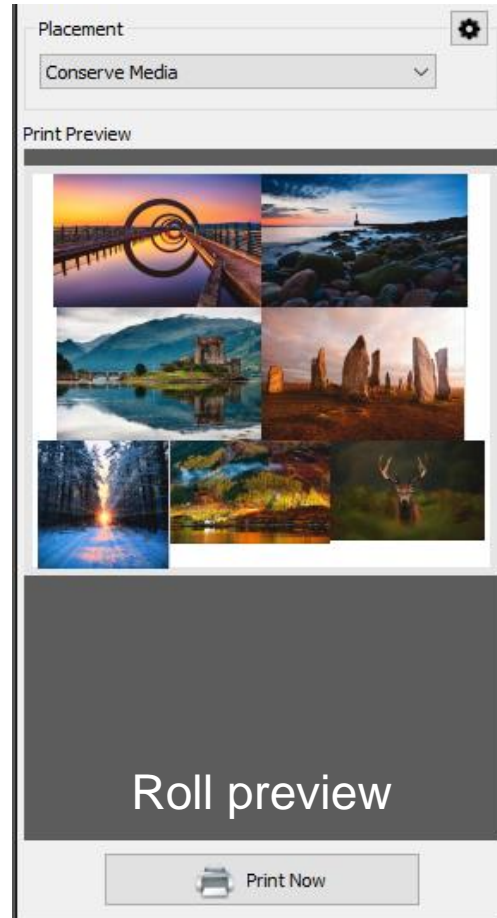
Simplified Production

Save time on every job with new tools and a visual interface

Don't waste space on expensive sheet media

Avoid wasted sheet media and increase production efficiency with an intuitive user interface and visual nesting previews for flatbed and sheet printing.

- Full sheet view in nesting preview
- See image previews in relation to the sheet size
- See the media that will not be used when printing to flatbed devices





Simplified Production

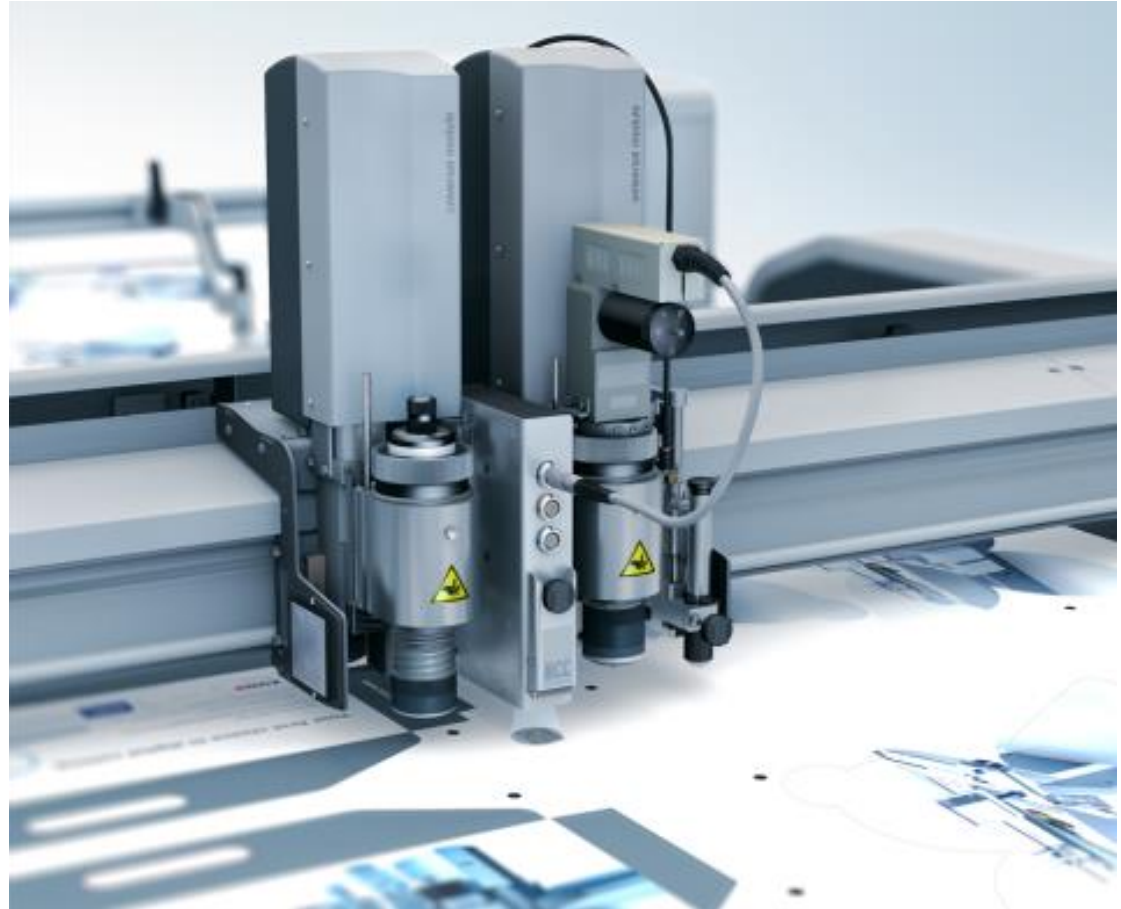
Save time on seamless print to cut workflows

Print to Cut workflow enhancements improve predictability and accuracy

- Support for QR Codes in Zund Cut Center
- Intermediate cutter marks between rows for greater cutting accuracy on supporting devices
- Available image preview for supporting 3rd party cutting software
- Set cut file path for I-cut workflow
- Configuration of mark sizes and shape
- Improved DXF support
- Set color channel for printing cutter marks on colored media

New Device Support

- Jingwei Cutter support
- Mimaki CG-SRIII Support
- XYZ Cutter





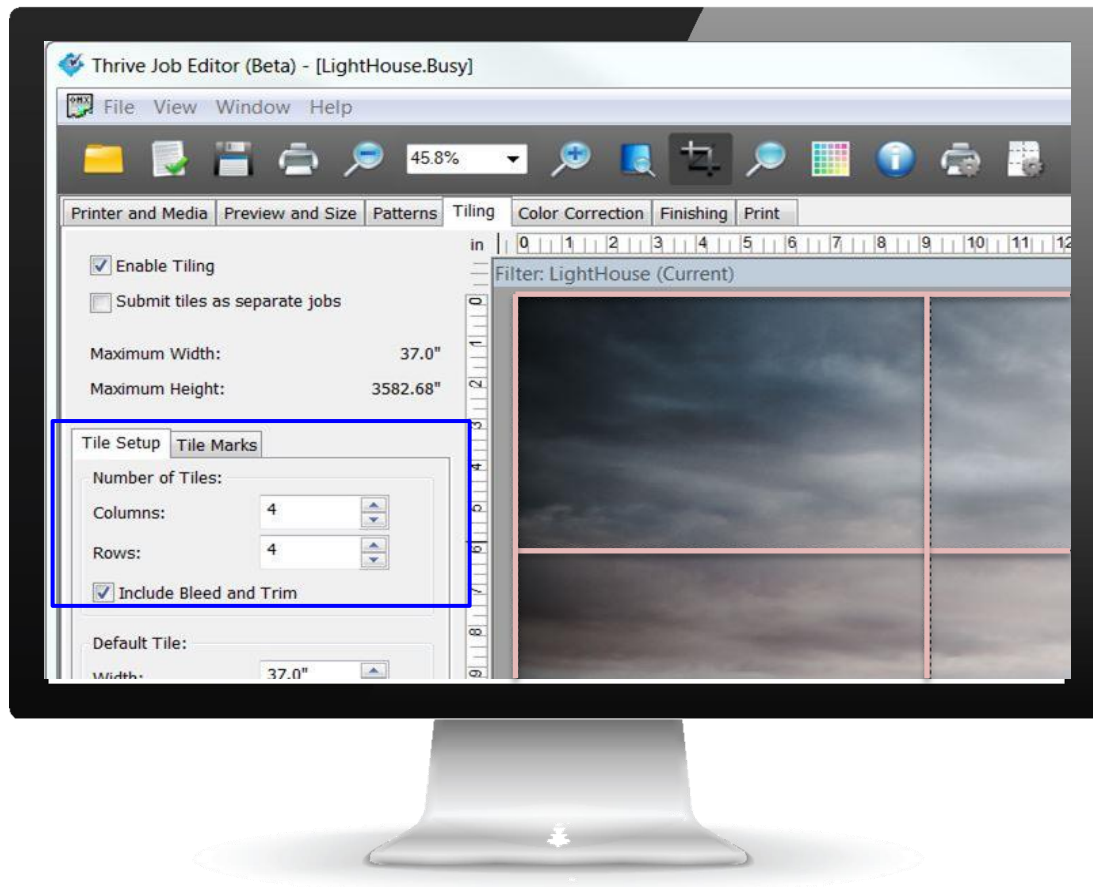
Application Tools: Tiling

Automate finishing functions, and create new revenue opportunities

Save time with tiling and job setup

Enhanced tiling, combined with other job preparation tools, enables a wide variety of print application.

- Quickly create evenly divided rows and columns saving time and enabling more print applications
- Advance feature lets you customize tile sizes
- Choose to include bleed and trim in tiling calculations
- Preview of cut paths around tile boundaries to verify final output
- Print tile marks inside image area





Quick Sets 2.0: Easy Automation

Automate finishing functions, and create new revenue opportunities

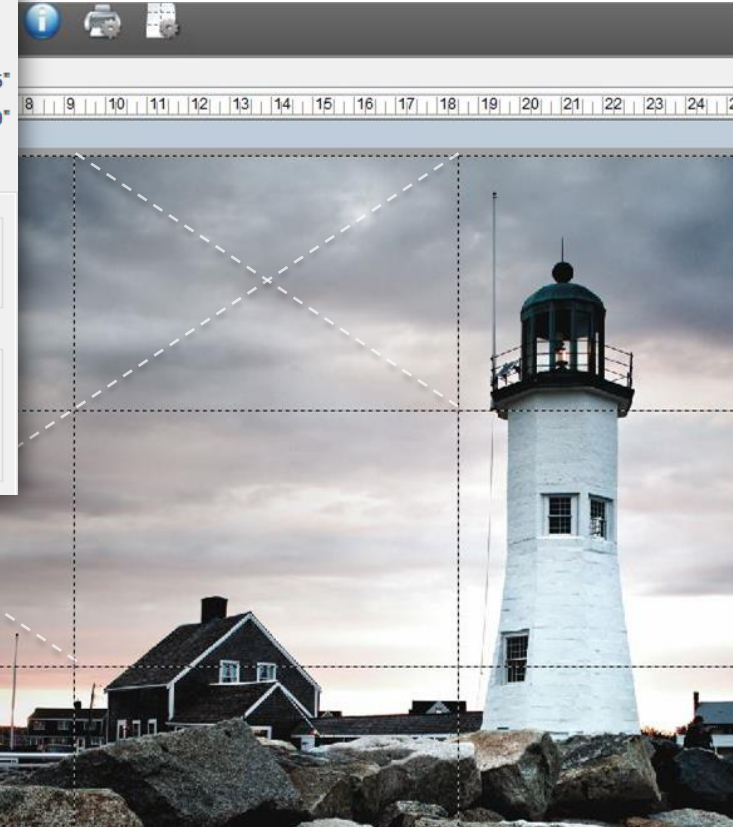
Automate tiling with ONYX Quick Sets

Enhanced tiling, combined with other job preparation tools within Quick Sets, can save up to 15 min/job by automating job preparation and finishing setup.

Use Quick Sets to automatically apply tile settings when opening a job or submitting it through automated workflows

Accurate job preview builds confidence in final output

- Redesigned UI for Page and Tiles Setup make tile selection easy
- Preview active and inactive tiles before submitting job to print
- Include print label when using automated print to cut features



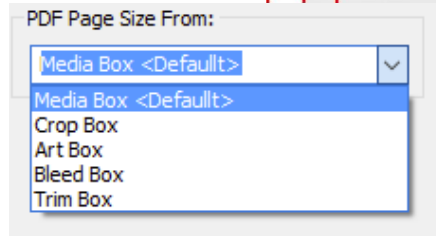


Quick Sets 2.0: Easy Automation

Automate finishing functions, and create new revenue opportunities

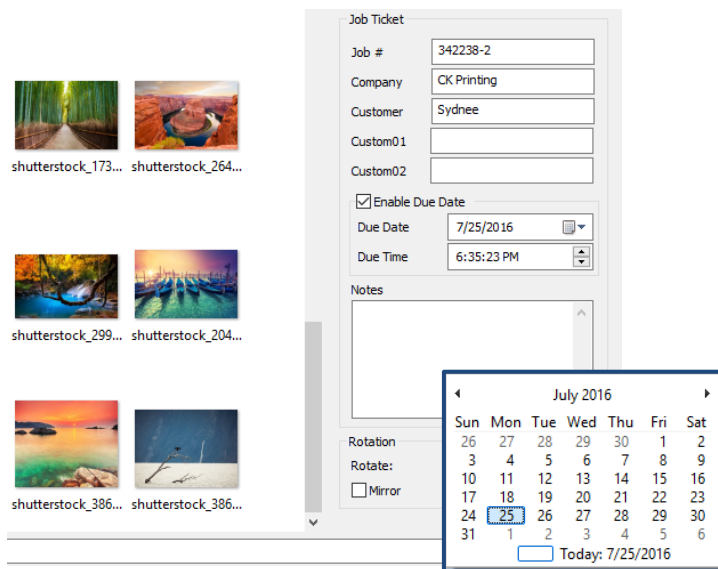
Process PDF images based on Media, Bleed, Trim, Art, or Crop boxes

Build automated workflows around custom production needs and design preferences based on the variety of supported PDF boxes



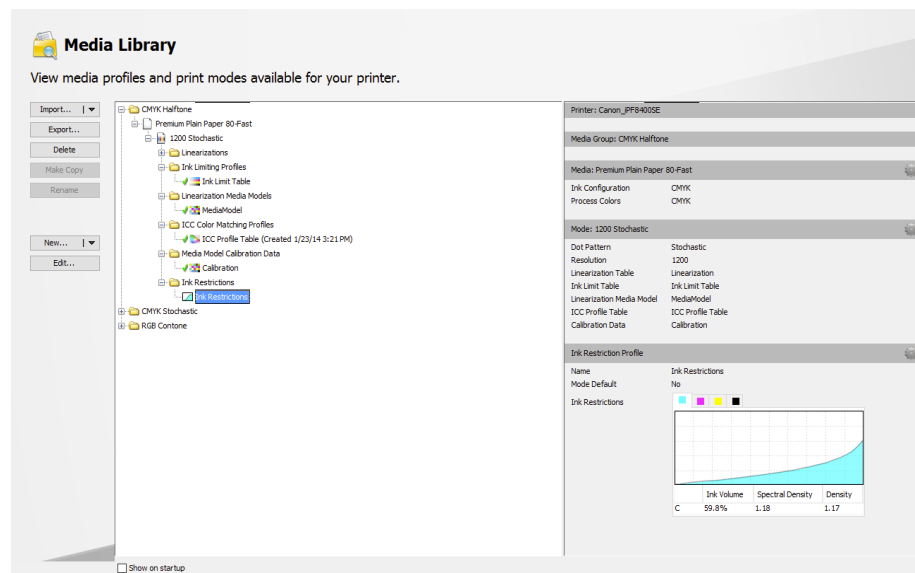


Additional Features



Due Date and Due Time metadata field in RIP-Queue

- Better track customer deadlines
- Can be automated with JDF workflows via ONYX Connect



View and access profile information

- Easy one click access to modify individual steps within a profile
- Overview of profile data without editing



Product Availability



How to get ONYX 12.1

Expected availability of ONYX 12.1 is December 2016

Active ONYX Advantage holders

- An upgrade to ONYX 12.1 is included in ONYX Advantage during the contract period
- License updates can be requested by contacting sales@onyxgfx.com

Customers without ONYX Advantage

- ONYX software users not currently covered by an active ONYX Advantage software maintenance agreement may enroll by contacting their local reseller

Customers who recently purchased ONYX 12.0

- If purchased on or after August 1, 2016, customers can request an ONYX 12.1 update at no charge
- License updates can be requested by contacting sales@onyxgfx.com
- Updates must be requested prior to March 1, 2017





Upgrade Checklist when upgrading from ONYX 11 or older.

Steps to ensure your customers have the best experience moving to ONYX 12.1



- ✓ RIP station is running a 64-bit version of Windows® 7 or newer
- ✓ Use ONYX Key Look-up to check if a customer's key is compatible with ONYX 12

NOTE: Some older license keys (distributed prior to 2008) will not support the upgrade to ONYX 12 and will require a replacement key be sent to the customer



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