

Symphony 4 Core Specifications

Workstation Standard Hardware

- Intel Core 2 Duo
- 160 GB hard drive, 1+ GB RAM
- Windows® 7 Professional
- Integrated video, audio, 10/100/1000 Ethernet
- PCI Platesetter Interface card & cable, in needed
- CD-RW
- 17" LCD monitor, mouse, and keyboard

Network

- Queues appear as printers in Mac OS and Windows
- Works with Windows® XP/Win7/Win8
- Hot Folders feature for Windows and Mac OS X workstations
- LPR support
- AppleTalk Support

Standard Features

- Adobe® PDF Print Engine (APPE) and Adobe® PostScript® 3™ support
- Monitor Preview, Trap Preview, and Preflight
- Supports monochrome, process color and spot color files
- PANTONE® MATCHING SYSTEM solid coated, solid uncoated, solid matte, and PANTONE® Go coated color libraries support
- Advanced Proofing features: change spot colors on the printed proof; print any combination of job colors; reduce ink on any or all colors
- Agfa® Balanced Screening
- Adobe® Accurate Screens
- Imagesetter linearization and press dot gain compensation wizards
- Accepts PostScript®, EPS, TIFF and PDF files
- Custom Plate Templates
- Page information, crop marks, targets, and color control bars
- Custom Job Queuing (ticketing) with drag and drop feature
- PDF support (CPSI, APPE), outputs PDF proof files
- RasterView™ full resolution preview with Ink Usage Calculator, CIP3 support, Screen Angle and Density Check Tool

Optional Features

- Adobe® In-Rip Trapping with TrapZone™
- StripRITE™ Raster Imposition
- Freeform Ganging
- KoolKolor™ Inkjet Proofing System
- KoolToning™ Inkjet Halftone Simulation for inkjet proofs
- AdvancedScan™ Scan to Plate
- PerfectBLEND™ transitional screening technology
- TIFF-out and PS-out drivers
- Symphony Remote, remote workstation RIP control
- LinScan, scanner-based platesetter calibration
- Export proof, save, preview and e-mail raster files directly from Symphony
- ImagerQ Concerto, Imaging Client/Server

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DEVICE SUPPORT AND IMAGE QUALITY

Symphony's multi-device control allows you to drive a wide variety of output devices including platesetters, imagesetters, laser printers, digital color presses, inkjet printers and plotters, from a single RIP workstation. This centralized control helps maintain file integrity and image quality from preview, to proof, to plate.

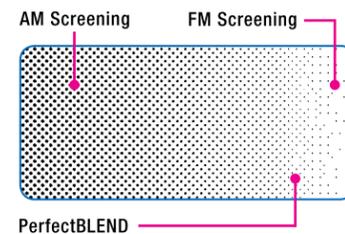
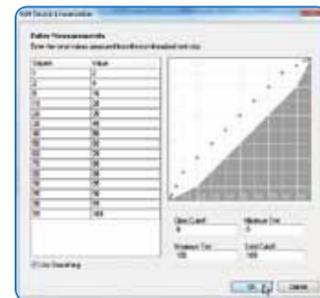


Adobe PostScript 3™

Two Engines are Better than One: Symphony includes two powerful interpreter technologies to ensure you get reliable image quality regardless of how you send files for output. The Adobe® PostScript® 3™ interpreter ensures compatibility with your existing Windows, Mac, or Unix/Linux PostScript workflows. The Adobe® PDF Print Engine (APPE) produces the highest quality output for PDF files that include graphically rich content such as transparency effects, spot or custom colors. Symphony 4 includes the Adobe® PDF Print Engine, version 2.0 and CPSI version 3019.

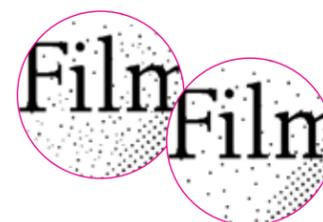
Available Screening Technologies:

Adobe® Accurate Screens, Agfa® Balanced Screening and PerfectBLEND™ transitional screening. PerfectBLEND™ combines the benefits of traditional AM screening and FM screening, allowing you to hold linescreens up to 80% higher than AM screening alone.



Linearization & Dot Gain Compensation: The Linearization and Dot Gain Compensation Wizards let you precisely calibrate your imagesetter and "fingerprint" your press. You can create and save profiles for each press and common job scenarios, to maintain color and image quality. You can also edit your saved Linearization and Dot Gain curves for even more control.

Ink Usage Calculator and CIP3 Support: Symphony 4 can calculate ink usage and settings for standard presses. Create CIP3 files for your press, to automate press adjustment and maximize quality.



Dot Sweep - Background noise Remover:

Dot Sweep, our exclusive automated pixel eliminator is now available for Offset Printing and Medium Web Flexography. Dot Sweep can automatically remove small troublesome "scum dots" and unwanted "noise" prevalent especially on High End Direct To Platesetters.

Symphony Remote: Control rasterized files on Symphony from remote Mac OS X and Windows workstations. Preview rasterized files and send them to specific output devices. You can also produce PDF, TIFF and JPEG files for soft proofing at workstations or for emailing directly to customers.

AdvancedScan™ Scan-to-Plate: Do customers still bring you hard-copy originals? AdvancedScan™ allows you to scan, edit and import paper based originals directly into your digital workflow.

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Symphony 4

THE ALL-IN-ONE PDF WORKFLOW



Award-Winning Workflow Software

INCLUDES THE
Adobe® PDF Print Engine

Adobe® PostScript® 3™

Symphony 4 is the all-in-one PDF workflow that allows prepress operators to handle complex digital files to meet today's demanding production needs in the offset printing market. It features the Adobe® PDF Print Engine and Adobe® PostScript® 3™ interpreter, and drives platesetters, imagesetters, digital color presses, laser printers, inkjet printers and plotters, from a single state-of-the-art RIP.

PREPRESS AUTOMATION

Symphony 4 increases prepress production and reduces human error by performing the more time consuming, error prone tasks for you. Symphony can apply the correct resolution, linescreen, screening type, trapping, printer's marks, color bars, plate template, imposition, color profile, linearization, and dot gain curves automatically. Now your file setup is done in minutes.

Windows Support: We have jumped forward to the latest operating systems from Microsoft, while still supporting our existing customers with Windows XP/7/8. Both 32 and 64 bit versions of Windows and Vista are now supported.

StripRITE™ Raster Imposition: Now it's easy to generate spreads for books, step and repeat business cards, and perform other sophisticated imposition tasks. Create custom imposition templates tailored to your production needs. You can also save and edit your jobs on the fly. The new "Dutch Cut" feature allows you to impose pages of different sizes and orientations on a single press sheet.

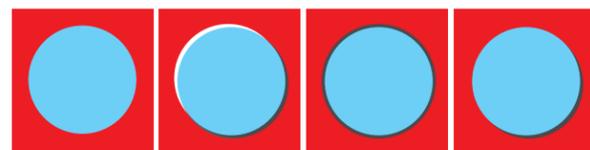


Black Control: Symphony gives you the ability to control black overprint, preserve black between colorspace conversions or reduce a rich black to a pure black.

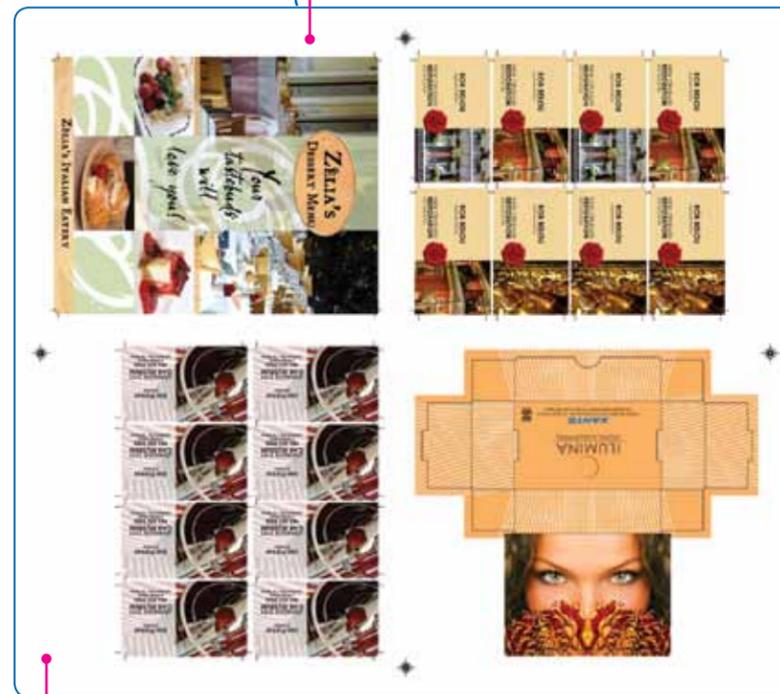
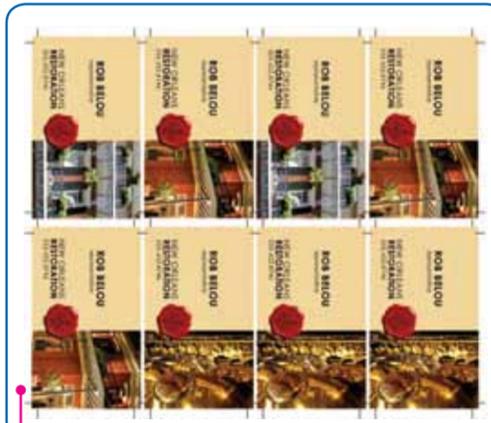
Color Mapping: This feature automatically combines spot colors with the same number to eliminate wasted media and production time.

Prioritizing Color Order: Does your workflow require a specific color order? Do you always want Black to print first? Now you can prioritize colors on a job-by-job basis.

Gamma Curves: Need to quickly lighten or darken a file? Easy to use gamma curves can quickly correct the issue.



Adobe® In-RIP Trapping with TrapZone™: Why waste time trapping files in front end applications? Now you can execute complex traps automatically, directly from the Symphony RIP. TrapZone™ lets you select and apply separate trap settings for different parts of a page.



Freeform Ganging: Whether you are outputting proofs, film, or flexo plates, you save money when you use media efficiently. Symphony's Freeform Ganging feature lets you group multiple jobs on a single proof or output page to cut down on imaging time and save media. Separations from individual jobs can also be placed across the media.

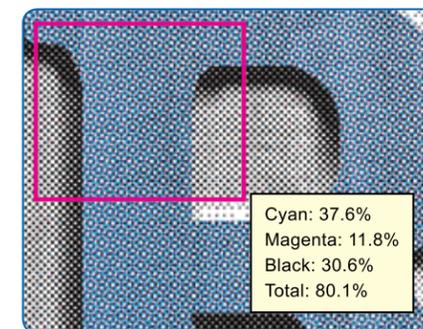
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Color-Managed Monitor Previews: Symphony's Monitor Preview and View Raster features now use ICC Profiles to better simulate the appearance of overprinting spot and process colors. Now you can see subtle on-screen differences between black and rich black, traps, overprints and spot colors which overprint halftone dots.



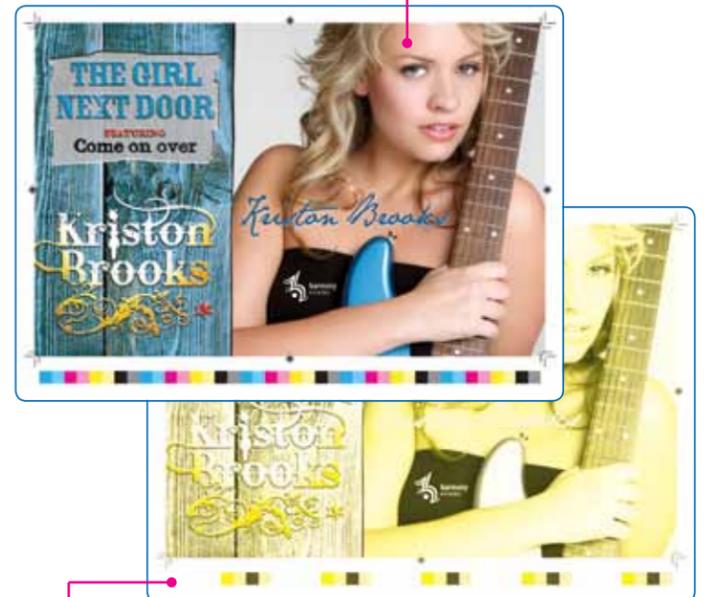
RasterView™: Examine rasterized files at the full resolution of your output device. Check separations, traps, halftone screens, tint values and screen angles. Also includes ink usage calculator, CIP 3 support, screen angle and density check tools.

BUILT-IN PANTONE® COLOR LIBRARIES

The PANTONE® Coated, Uncoated, Matte color libraries, and the Goe Coated library are included in Symphony's spot color database. Color rendering for all PANTONE® colors is substantially improved in Monitor Previews, Raster Previews and KoolKolor™ Inkjet proofs.

Zoom Raster: Now you can carefully examine your final raster file before you commit to a plate with the new zoom raster feature. This will allow you to see the job as close to 1600% and out to a full view at 10%.

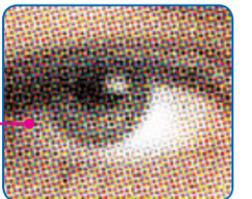
KoolKolor™ Inkjet Proofing: Create vibrant, color accurate proofs from a variety of inkjet printers and plotters. The Simplified color management controls make it easier to choose the correct settings and profiles for specific printers, plotters and media. These changes also allow you to print spot colors with improved color accuracy.



Advanced Proofing: Print and combine any combination of colors in multi-color jobs for customer approvals or press proofs.

ExportProof Button: Conveniently create an accurate final rasterized PDF, TIFF or JPG ExportProof while viewing the job in RasterView™.

KoolToning™ Halftone Simulator: Get inkjet proofs with the actual halftone dots and screen angles you have specified for your job.



ExportProof: Save raster files as PDFs, TIFFs and JPEGs to preview at workstations, E-mail to customers, or create a proof with the same resolution as the print job.

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