

Kodak Prinergy Evo System Specification Highlights

Proven, native PDF processing	For standard, reliable portable files, small file size, easy previewing and easy editing with third-party tools
Profile-based, automated preflight	Check and correct input files automatically during processing of customer input files. Supports standard profiles and profile creation.
Screening	AM screening, Staccato screening, Maxtone hybrid screening, and HyperFlex resolution enhancement software
Color management	Converts RGB to CMYK and maps spot colors to process colors. Supports custom ICC profiles; Pantone library included.
Trapping	Automated PDF-to-PDF trapping; interactive trapping can be added with trap editor option, an Adobe Acrobat plug-in
Template-based automation	Allows easy operation from the desktop to initiate processing and monitor progress, errors, and history
Workflow template automation	Define a sequence of processing steps to increase throughput with less manual effort
Dynamic process templates	Change process parameters on-the-fly
Image replacement (OPI)	Automated OPI—supports image replacement in both PostScript and PDF files
Recombiner	Enables quick and easy creation of composite files from pre-separated PDF and PostScript files
PDF Compare and PDF Merge	Acrobat plug-ins that allow prepress operators to compare two files, extract any revisions done and merge all of those elements into the revised production file
PDF PlateBuilder	Acrobat plug-in that reduces the time and costs associated with manually creating custom plates, including white, varnish, and bump plates
DotShop software	Plug-in for Acrobat software that allows users to set and control screening in PDF files
Harmony tonal calibration software	Allows users to create and manage tonal calibration curves to compensate for dot gain
Advanced copydot handling	Optimize and reformat copydot data to accelerate rendering, change copydot resolution to match that of an output device, and apply tonal calibration to copydot files to eliminate moiré and image artifacts
TIFF downloader	Output third-party, bi-level TIFF files
Spread splitting	Automatically convert reader spreads into two separate PDF pages
Flat rotation	Small-angle rotation of the output image to overcome artifacts (ghosting) on press
Raster scaling	Compensate for physical distortions by scaling raster data during output
Web-growth compensation	Compensates for linear and non-linear web growth (paper stretch on web presses) to maintain registration
PrintLink	Produces CIP3 and JDF-compliant files for automated ink-key setting on press
File types	
Input	Includes PDF (1.2, 1.3, 1.4, 1.5), PostScript files level 2 and 3, EPS, TIFF/IT-P1, 1-bit TIFF, DCS1, DCS2, CT/LW
Output	Vector formats: PDF (1.3), PDF/X-1a, PDF/X-3, EPS, DCS, PostScript files level 2 and 3 Raster formats: TIFF, CT/LW, TIFF/IT, RGB JPEG, EPS, DCS, VPS, and others for proofer connectivity
Flexible server configurations	Performance or Premium server configurations available to meet performance, redundancy, and expandability requirements

Some features are optional. Contact your Kodak representative for details.



To learn more about solutions from Kodak:
Visit: graphics.kodak.com/prinergevo

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Flexible prepress
production with a low
cost of ownership

Kodak
Prinergy Evo
workflow system

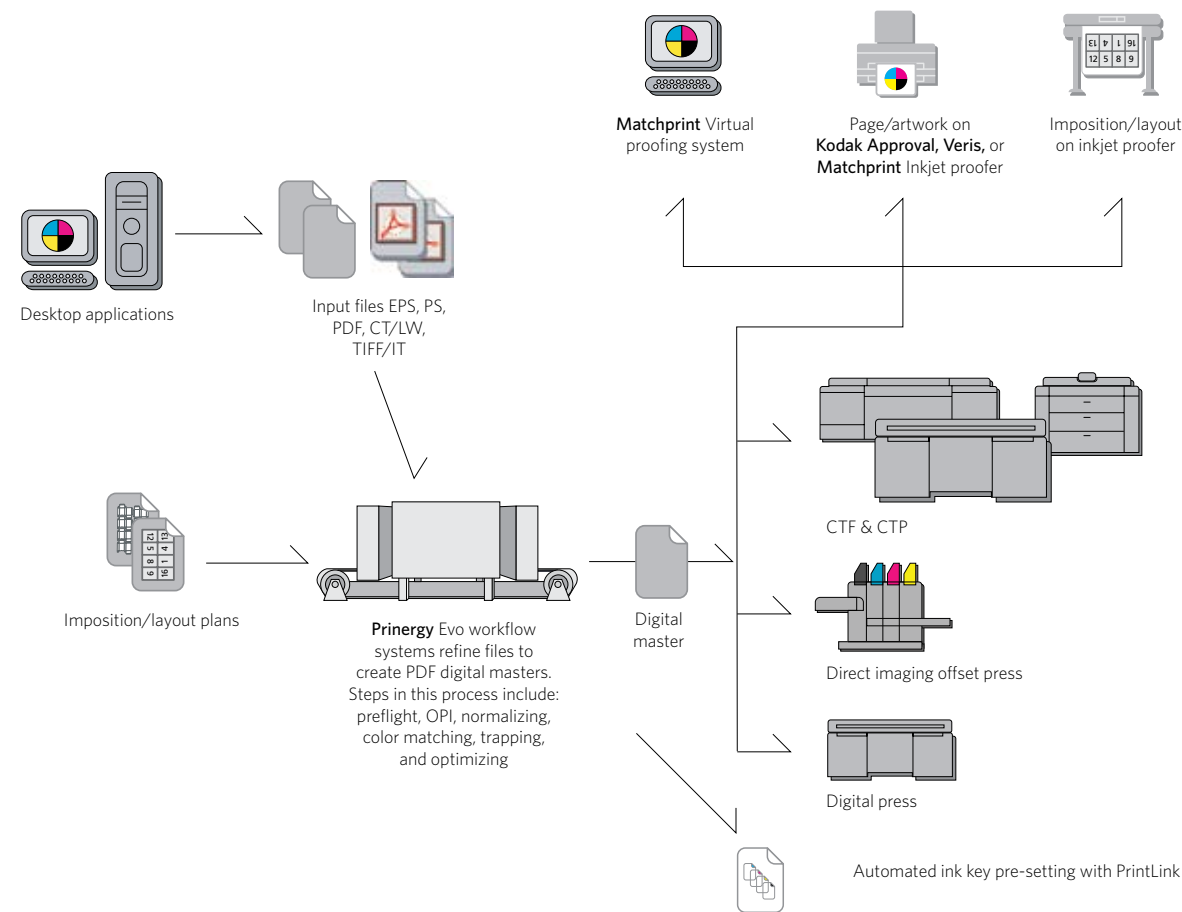
The **Kodak Prinergy** Evo workflow system is a powerful solution for controlling prepress production with outstanding performance and output quality. Built on proven **Prinergy** PDF processing technology, **Prinergy** Evo software features advanced preflighting, normalizing, color management, trapping, and optimizing. With an intuitive user interface, self-training, and support, **Prinergy** Evo software provides easy, efficient operation with an ongoing low cost of ownership. Modular and scalable, it is a flexible workflow system that helps streamline processes and reduce the costs of production.

Prinergy Evo workflow system benefits include:

- Flexible connectivity. Output to offset and flexographic CTP devices, direct imaging offset presses, popular proofing devices, and digital presses.
- Uncompromised quality. Achieve color consistency with accurate color management featuring **Kodak ColorFlow** technology. The **Prinergy** Evo system supports all **Kodak** screening software including high-lpi AM, **Kodak Maxtone** hybrid screening with **Kodak HyperFlex** resolution enhancement software, and **Kodak Staccato** screening.
- Reliable high-speed processing. With powerful, flexible, template-based

workflow automation and proven **Prinergy** PDF technology, the **Prinergy** Evo system is efficient, fast, and accurate.

- Greater uptime. The **Prinergy** Evo system provides automatic error reporting for prompt issue resolution. Online troubleshooting and support are available to keep your prepress and pressroom running.
- Open integration. Software options for your **Prinergy** Evo system allow you to import imposition information, specify digital print output, and export ink key pre-setting data via JDF.



The **Prinergy** Evo workflow system is a flexible, scalable component of a **Kodak** Unified Workflow solution.

Kodak Prinergy Evo Software Configurations

Refine, Trap, Proof, and Output	Provides comprehensive PDF processing and output to thermal CTP, CTF, and popular proofing devices. Well suited to 8-up and VLF devices.
Refine	Provides proofing and publishing of PDF digital masters. Ideal for agencies, publishers, and trade shops.
Workstation	Provides essential PDF processing and output, ideal for 4-up devices. Includes two upgradeable client licenses, as well as proofing in high-resolution vector or raster PDF output.
News	Provides essential PDF processing and output for newspaper printers. Delivers output resolution up to 1270 dpi.

Flexible configurations to support different operations

Packaging

As part of a **Kodak Prinergy Powerpack** solution, **Prinergy** Evo workflow systems can be customized to suit the unique requirements of packaging trade shops, printers, and converters. Advanced flexographic screening options including **Maxtone** hybrid screening, **HyperFlex** resolution enhancement software, **Kodak DigiCap** screening, and **Kodak DotShop** software, as well as **Kodak Pandora** step-and-repeat software and advanced trapping are designed to provide packaging professionals with flexibility, functionality, and performance.

Publishing

Prinergy Evo workflow systems can be designed to suit the unique requirements of publishers and agencies. **Prinergy** Evo software provides enhanced control over content preparation with powerful, streamlined trapping, color management, and proofing. A proven, affordable page-processing system, **Prinergy** Evo software allows publishers to create reliable, production-ready files including PDF, PDF/X-1a, PDF/X-3, DCS2, and **PostScript** files.

Newspapers

Prinergy Evo workflow systems provide the automation, speed, control, and flexibility that allows newspapers to extend close times, easily handle last-minute changes, and output large numbers of pages faster. **Prinergy** Evo systems process PDF files from upstream applications such as **Kodak NewsManager** software, and can render them directly to a **Kodak Trendsetter** NEWS platesetter via Print Console, or to a TIFF file for compatibility with third-party and legacy systems.

Kodak Prinergy Evo System Devices Supported

Proofing	Kodak Approval halftone proofers Kodak InSite Internet portal software Kodak Matchprint Inkjet proofing solutions Kodak Matchprint Virtual proofing software Kodak Veris digital proofers
CTP	Kodak Lotem platesetters Kodak Magnus platesetters Kodak ThermoFlex flexographic platesetters Kodak Trendsetter platesetters
Direct imaging offset press	Kodak DirectPress DI systems
Digital presses	Kodak NexPress digital production color presses Qualified third-party presses

Part of a Kodak Unified Workflow solution

A **Kodak** Unified Workflow system is a comprehensive, integrated solution for graphic communications. Its modular architecture brings together business, production, color, and data management in a combined conventional and digital printing environment. The intelligent automation helps provide efficiency and profitable growth. The **Prinergy** workflow system family supports traditional and digital print workflows, making it an integral part of a **Kodak** Unified Workflow solution.