



Accessories
that exceed
expectations

Kodak

Digimaster EX

Digital Production Systems



Powerful front end

More applications, more file formats, more processing power... more satisfied customers



Powered by the **Sun Ultra 45** System Control Subsystem (SCS) and Print Production Software

To meet high volume demands while delivering the complex applications your customers want, you need a digital production system with a powerful front end. The **Sun Ultra 45** controller, with 1.6 GHz of processing power—the brains behind the **Kodak Digimaster EX** Production Platform—helps you set the stage for more satisfied customers and increased business growth.

With Print Production Software, your workflow is optimized and your system options are automatically integrated for maximum productivity on day one. The front end supports industry-standard file formats such as **Adobe PostScript 3**, PCL 6, PDF, and TIFF.

Sun Ultra 45 System Control Subsystem (SCS)

Operator control interface

- 17" flat panel monitor display
- Complete system components control; mouse/keyboard

System control subsystem

Sun Ultra 45 workstation:

- 1.6 GHz UltraSPARC IIIi processor
- 1 GB memory
- 250 GB hard disk drive; CD-RW/DVD-ROM drive
- Ethernet interface (10/100/1000 BaseT)

Solaris 10 operating system:

- Adobe** high-speed RIP
- Optional DAT72 tape drive

Document buffer

- 10,000 page capacity
- Automatic page level recovery
- Queues print-ready jobs for minimal inter-job delay

Page Description Languages

- Adobe PostScript 3** and **Adobe PDF 1.6**
- TIFF group IV image printing
- HP-PCL 6 (optional)

Connectivity

- TCP/IP, Ethernalk

Supported environments

- Microsoft Windows** NT OS 4.0/2000/XP
- Netware** OS 5.x, 6.x
- Macintosh** operating system OS X

Workflow enablers

Industry-standard prepress tools to streamline productivity

Workflow made easy

Optional **Kodak SmartBoard** Document Mastering Software provides you with highly efficient, intuitive make-ready tools that help make your most complex prepress and reprint processes faster and easier so you can get more done in less time.

SmartBoard Software uses an industry-standard PDF-based workflow that's ideal for frequent reprinting, repurposing, editing, and sharing of PDF documents regardless of the source application. You can merge documents from multiple input sources like hardcopy, PDF, TIFF, **PostScript**, and **Microsoft Office** programs for faster job assembly.

SmartBoard Software even gives you the flexibility and control to manage both your black and white and color workflows on Kodak devices so you can maximize operational efficiency.

Merge jobs from other sources

Fully leverage your print investments and say yes to more jobs with **Kodak coXist Pro** Conversion Software. **coXist Pro** Software lets you run legacy scan and makeready jobs—seamlessly.

coXist Pro Software converts Xerox job-ticket commands, including those from a **Xerox FreeFlow Makeready** Workflow to standard **PostScript**. Save legacy file formats and update them using **Adobe Acrobat** software tools or other **PostScript** supported software.



Increase productivity!

Kodak SmartBoard Software gives you all the features you need to streamline production and improve workflow efficiency.



Kodak SmartBoard Document Mastering Software

System requirements

Operating system:	Microsoft Windows 2000 professional SP3, Windows XP professional SP1, or Windows Vista Business
CPU(s):	Single Pentium-III, 733 MHz processor with 133 MHz FSB
Memory:	256 MB
Network:	10/100 base TX ethernet, RJ-45
Drive:	CD-ROM or DVD drive
Hard disk:	9.1 GB system drive or better
Display and graphics adapter:	1024 x 768 resolution
USB port:	An available USB port is needed for dongle (not required when running in SE mode)
Software:	Adobe Acrobat 8.1 Professional (recommended) or Standard Software
Job submission:	Network imaging system printer driver(s) and/or PPD(s) must be installed
Licensing:	USB dongle (hardware key)

More options for paper input

Input solutions that keep your jobs flowing

The **Digimaster EX** Platform offers several flexible options for paper input and supports a wide range of media weights and sizes to accommodate the most unique applications— at full-rated speeds.

- ▶ Tackle high-volume jobs without interruption and complex jobs requiring multiple paper stocks with ease.
- ▶ Expand your application reach while you move print-on-demand volume from offset to digital.
- ▶ Enjoy maximum uptime and reliable media throughput with the vacuum corrugated feeding system.
- ▶ Reload paper supplies without interrupting your print runs.



Paper Supply Module

The **Digimaster EX** System print engine includes three paper drawers for an input capacity of 4,000 sheets.

Optional paper supply modules, each with three drawers and a capacity of 4,000 sheets, can be added to your **Digimaster EX** System to expand your capacity to a total of nine drawers and up to 12,000 sheets.



Extended Paper Supply Module

If you require greater capacity for larger format media, add an extended paper supply module. The extended paper supply module accommodates large format paper sizes in all three drawers for maximized application flexibility.

Note: Only one extended paper supply module can be added to a **Digimaster EX** System. The extended paper supply module must be positioned at the extreme left of any **Digimaster EX** Digital Production System.

Paper Supply Module

Paper sizes

Top drawer:

In-track (standard):	203 - 229 mm (8 - 9 in.)
In-track (with extended paper size option*):	178 - 229 mm (7 - 9 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option*):	210 - 364 mm (8.27 - 14.33 in.)

Middle and lower drawers:

In-track (standard):	203 - 457 mm (8 - 18 in.)
In-track (with extended paper size option*):	178 - 470 mm (7 - 18.5 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option*):	210 - 364 mm (8.27 - 14.33 in.)

Paper drawer capacity (based on 60 g/m²/20 lb. bond)

Top and middle drawer:	1,000 sheets
Lower drawer:	2,000 sheets

Print engine includes three paper drawers with 4,000 sheet total capacity (20 lb. bond). Option to expand to nine drawers with 12,000 sheet total capacity (20 lb. bond).

Paper weight

60 - 200 g/m ² (16 lb. bond to 110 lb. index)
60 - 266 g/m ² (16 lb. bond to 150 lb. index) with enhanced feed mode option*

Extended Paper Supply Module

Paper sizes

Top drawer:

In-track (standard):	203 - 457 mm (8 - 18 in.)
In-track (with extended paper size option*):	178 - 470 mm (7 - 18.5 in.)
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60 - 266 g/m ² (16 lb. bond to 150 lb. index) with enhanced feed mode option*

Don't shy away from high-volume jobs with tight deadlines. With the paper supply options of **Kodak Digimaster EX Systems**, you can meet critical deadlines with maximum efficiency.



Roll Feed Module

Optional roll feed solutions expand your continuous run capability for high-volume applications like transactional printing and book publishing while reducing paper waste and labor costs.

With the **Kodak Digimaster EX System**, one roll can yield up to 60,000 sheets of 8.5 x 11 in. or A4 format paper. You can switch from 8.5 x 11 in. to 11 x 17 in. or A4 to A3 between jobs, without changing rolls.

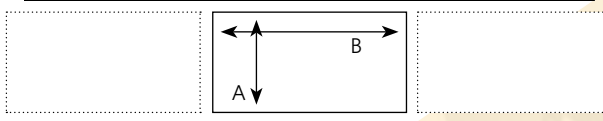
The roll feeder completely integrates into the **Digimaster EX System** either through the print engine or through an additional paper supply module.



Roll Feed Module

Substrate format

Sheet size:	
Maximum sheet size:	356 x 470 mm (A x B) (14 - 18.5 in.)
Minimum sheet size:	279 x 200 mm (A x B) (11 - 7.9 in.)
Dimension A (min - max):	279 - 356 mm (11 - 14 in.)
Dimension B (min - max):	200 - 470 mm (7.9 - 18.5 in.)



Paper weight

60 - 350 g/m ² (16 lb. bond up to 130 lb. cover) uncoated
80 - 350 g/m ² (20 lb. bond up to 130 lb. cover) coated

Substrates

Paper:	Uncoated, matte coated, glossy coated, cast coated and textured, wood free, recycled paper, including a wide selection of standard offset papers
Special substrates:	Uncoated, matte coated and glossy coated labels



Productive print engines

If you've been looking for a black and white digital print production system that can help you profit from the changes occurring in your business, then look no further than the **Digimaster EX Platform**.

- ▶ Maximize output with benchmark availability and uptime.
- ▶ Realize unrivaled productivity through streamlined, virtually jamless paper handling.
- ▶ Deliver more output at full-rated speed across a wide range of substrates.
- ▶ Provide output that meets clients' stringent requirements for quality that rivals offset.



Extraordinary choices to grow your business

Speed and volume choices

The **Kodak Digimaster EX Digital Production System** is available in four rated print speeds—110 ppm, 125 ppm, 138 ppm, and 150 ppm. The **Digimaster EX Platform** accommodates monthly volumes up to 5 million pages.

Each **Digimaster EX System** offers a nearly identical complement of productive and reliable features. System components are completely compatible with all EX Platform print engines.

Standard Finisher

The finisher is included in the base configuration of all **Digimaster EX Platform** models. It holds up to 3,000 sheets, supports the same wide media range as the print engine, and offers straight or offset stacking with subset finishing. The finisher delivers a measured stitch rather than a fixed sized staple, which means whether you have two sheets or a hundred, the stitch neatly penetrates the set and folds cleanly on the other side in a variety of stapling positions.

Print Engine Module

Base configuration

Print engine with three paper drawers
Operator control interface with 17" flat panel monitor display
System control subsystem
Finisher
Print Production Software

Print engine

Print rate speeds: 110 ppm, 125 ppm, 138 ppm and 150 ppm (A4)
Resolution: 600 dpi; LED imaging technology
Volume: up to 5 million impressions per month (based on model)

Finisher

Primary tray: up to 3,000 sheets (straight or offset stacking)
Stitching: 2 - 100 sheets (based on 20 lb. bond); variable stitch length
Top exit stacking: up to 500 sheets, all sizes

Dimensions

Size (H x L x D): 163 x 221 x 119 cm (64 x 87 x 47 in.)

Standard Paper Supply

A three drawer paper supply accommodating up to 4,000 sheets is included on the EX110, EX125, and EX138. The EX150 has six paper drawers, with an input capacity of up to 8,000 sheets. The standard paper supply supports a wide range of media sizes and weights to produce the most complex applications at rated speeds.

Note: See paper supply module specifications on the previous pages.



Inserter

Add value with pre-printed color covers, divider pages, and different stocks



The inserter allows you to add pre-printed sheets, covers and other media to catalogs, manuals, and similar applications to make them more compelling, more colorful, and more effective—and saves you time by eliminating hand collation of inserts into a job.

The inserter places sheets into the paper path post-fuser, so delicate pages are inserted smoothly and reliably without damage. Like the print engine and paper supply module drawers, the inserter has load-while-run capability for maximum productivity.



Insert Module

Paper sizes

Top drawer:

Standard in-track: 178 - 229 mm (7 - 9 in.)

Standard cross-track: 210 - 364 mm (8.27 - 14.33 in.)

Middle and lower drawers:

Standard in-track: 178 - 470 mm (7 - 18.5 in.)

Standard cross-track: 210 - 364 mm (8.27 - 14.33 in.)

Paper drawer capacity (based on 60 g/m²/20 lb. bond)

Top drawer: 1,000 sheets

Middle drawer: 1,000 sheets

Lower drawer: 2,000 sheets

Paper weight

60 - 200 g/m² (16 lb. bond to 110 lb. index)

60 - 266 g/m² (16 lb. bond to 150 lb. index) with enhanced feed mode option

Productivity

Maintains full printer productivity while sheets are inserted

Continuous load capability

Dimensions

Size (H x L x D): 126 x 79 x 85 cm (49.5 x 31 x 33.5 in.)

Weight: 270 kg (595 lbs.)

Hole Puncher

Keep production at its peak with an integrated hole punch solution



The in-line hole puncher multiplies the flexibility and productivity of your **Digimaster EX System** with a fully-integrated, full-speed punching solution. The hole puncher can punch sheets for ring bound, plastic comb bound, spiral bound or twin loop bound documents.

By adding in-line hole punching to your **Digimaster EX System**, you can eliminate the cost of pre-drilled paper, reduce labor costs associated with off-line hole punching, and reduce turnaround time. The hole puncher also offers a wide variety of punch tools to support a wide variety of applications.

Designed for full system integration and highly efficient operation, the hole puncher's bypass mode allows you to fully utilize all post-finisher accessories, such as the booklet maker or perfect binder. The hole puncher provides excellent punch precision even with mixed media, and better set integrity by eliminating manual off-line job handling.

Hole Puncher Module

Paper sizes

Punch mode:

In-track: 179 - 235 mm (7 - 9.25 in.)

Cross-track: 210 - 305 mm (8.27 - 12 in.)

Bypass mode:

In-track: 179 - 470 mm (7 - 18.5 in.)

Cross-track: 210 - 364 mm (8.27 - 14.33 in.)

Custom punch tools

Over 30 different punch tools are available for plastic-comb, twin-loop, spiral- and ring-bound finished documents.

Most commonly used punch tools

2-hole 7 mm (.28 in.) (A4)

3-hole 8 mm (.31 in.) (letter)

4-hole 7 mm (.28 in.) (A4)

Plastic-comb 21-holes (A4)

Plastic-comb 19-holes (letter)

3:1 4 mm (.16 in.) 34 round holes (A4)

3:1 4 mm (.16 in.) 32 round holes (letter)

3:1 4 mm (.16 in.) 34 square holes (A4)

3:1 4 mm (.16 in.) 32 square holes (letter)

2:1 6 mm (.24 in.) 23 round holes (A4)

2:1 6 mm (.24 in.) 21 round holes (letter)

2:1 6.35 x 5.44 mm (.25 x .21 in.) 23 rectangular holes (A4)

2:1 6.34 x 5.44 mm (.25 x .21 in.) 21 rectangular holes (letter)

Productivity

Maintains full printer productivity while sheets are punched.

Features

Ability to adjust punch pattern distance from edge of sheet (in-track), as well as shift top to bottom position (cross-track). Punch all pages within a job or just specific pages within a job. Able to punch sheets coming from the inserter.

Dimensions

Size (H x L x D): 127 x 102 x 81 cm (50 x 40 x 32 in.)

Weight: 285 kg (629 lbs.)

Stacker

Let your jobs stack up—productively



Add one, two, or three stackers to your **Kodak Digimaster EX System** for maximum output capacity of 15,000 sheets. The stacker offers straight or offset stacking. Whether the output is destined for additional in-line or off-line finishing, it is delivered collated and ready for the next step in the finishing process.

When utilizing a multi-stacker configuration, output is delivered to the next available stacker once the current one is full, without operator intervention.

The stacker also has a bypass mode that allows another finishing device, such as the booklet maker, to be attached at the same time. This lets you have jobs with different finishing options running one right after the other with no downtime for setup—giving you optimum productivity.



Stacker Module

Stacker capacity

Up to three stackers per print engine for a total of 15,000 sheets

5,000 sheets per stacker, based on 80 g/m² (20 lb. bond)

Paper sizes and weights

Handles same paper sizes and weights as the print engine

Stacking capability

Stack mode:

Choose straight or offset stack; offset for each stack is 20 mm (.787 in.)

Receiver:

Wheeled tote tray

With one or two stackers, additional finishing devices can be added after stackers. With three stackers, no additional finishing devices can be added after the last stacker.

Dimensions

Size (H x L x D): 127 x 84 x 81 cm (50 x 33 x 32 in.)

Weight: 168 kg (450 lbs.)

Extensive finishing choices

Open the door to opportunity with booklet making solutions...

The future of digital books

Digital book production opportunities are projected to grow exponentially in the near future. In fact, some experts estimate that over the next decade, nearly half of all books published will be printed digitally. That means new opportunities for you—and new ways to profit from business change.



Booklet Maker

The booklet maker lets you expand your application reach and make existing applications even more effective by producing booklets in a variety of sizes with either long-edge or short-edge folds, including menus, travel guides, medical pamphlets and more.

Print, stitch, fold, and trim booklets in one self-contained unit. Program the job at the front end, run it, and collect your finished booklets. No operator intervention required. Saddle stitch, fold, and trim (optional) up to 22 sheets for booklets up to 88 pages.

The booklet maker supports the same stock range as the print engine for optimum flexibility.

Booklet Maker Module

Paper sizes and weights

Handles same paper sizes and weights as the print engine except for sheets less than 203 mm wide (8 in.) (in-track dimension)

Maximum set thickness: Saddle stitch; 22 sheets based on 80 g/m² (20 lb. bond) or equivalent thickness, including cover

Booklet making capability

Trimming: Face trim with two blades that can cut a maximum of 10 mm (.4 in.) off the booklet

Receiving conveyor: Capacity up to 42 A4/8.5 x 11 in. booklets, 10 sheets of 80 g/m² (20 lb.) or equivalent

Toolless adjustment: Automatic setup

When a booklet maker is used, one stacker is required and a maximum of two stackers may be used.

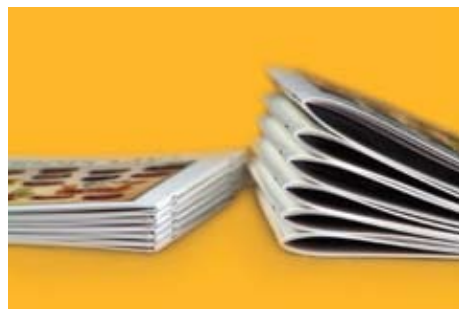
Dimensions

Size (H x L x D): 148 x 254 x 62 cm (58 x 100 x 24 in.)

Weight: 362 kg (970 lbs.)

Square Back Booklet Maker

The **Watkiss** Spinemaster allows you to produce booklets with square backs and print the document's title or other information on the spine. This results in a high-quality, professional appearance. This optional component is available through third-party solution provider Watkiss.





...or with digital book publishing

A digital book publishing solution must offer consistent and excellent image quality, quick turnaround, cost-effective production, and of course, the sophisticated finishing capabilities required to produce high quality books. The EX Platform offers all the components you need to add digital books to your list of high-value applications.

C.P. Bourg BPRF (Perforator/Rotator/Folder)

The BPRF module perforates, rotates, and folds sheets into four-page signatures for perfect-bound books. All pagination and chapters are programmed as part of the job set-up to ensure complete book integrity.

Perfect Binder

The perfect binder offers the versatility to produce smartly finished, perfect-bound books in a range of pages. It delivers up to 250 bound books per hour with a wide variety of cover types simply, easily and automatically. In-line or off-line binding is available.

C.P. Bourg BPRF Module

Sheet specifications

Handles same paper sizes and weights as the print engine:

Minimum size: 210 x 279 mm (8.25 x 11 in.)
Maximum size: 254 x 311 mm (10 x 12.25 in.)

Signature delivered to perfect binder:

Minimum size: 140 x 210 mm (5.5 x 8.25 in.)
Maximum size: 156 x 254 mm (6.125 x 10 in.)

Features

Perforates, rotates and folds sheets coming from the print engine. Creates a 4-page signature to deliver to the perfect binder.

Processing rate: Maintains the engine print rate

Dimensions

Size (H x L x D): 130 x 163 x 79 cm (51 x 64 x 31 in.)

Weight: 225 kg (562 lbs.)

Perfect Binder Module

Book specifications

Cover types:	Standard industry applications
Cover weight:	80 - 250 g/m ² / 30 - 90 lb. cover (may require cover creasing)
Paper weight:	60 - 160 g/m ² / 16 - 40 lb. bond
Thickness:	Min. 15 sheets to 40 mm (1.5 in.)
Dimensions in-line/without BPRF:	A4, 216 x 279 mm (8.5 x 11 in.)
Dimensions off-line:	Min. 59 x 100 mm (2.36 x 4 in.)

Perfect Binder Module, *continued*

Features

Cover pile height :	70 mm (2.75 in.)
Cover present detector:	Yes
Production speed:	Maximum of 250 cycles per hour (for books of 15 sheets, bound in-line)
Milling and notching:	Yes
Paper waste collection:	Yes
Book counter:	Yes
24 hour start-up timer:	Yes
Outdoor fume extractor:	Optional
Glue temperature:	From 115°C to 200°C / 239°F to 392°F

Machine specifications

Size (H x L x D):	120 x 260 x 180 cm (45 x 100 x 71 in.)
Entry height standard:	102 cm or 85.5 cm (40 in. or 33 in.)
Weight:	760 kg (1,676 lbs.)
Electrical supply:	208V/203V or 240V Δ - 20 A 380V/400V or 415V Y - 16 A
Power consumption:	3 KW
Noise level (Lpa):	79 dB (A)
Radiant heat:	9540 B.T.U./hour

Trimmer

As part of a book publishing solution, an in-line trimmer is available through third-party solution provider Challenge Manufacturing.

A modular approach for unparalleled flexibility and dependability

Exceptional dependability

Digimaster EX System components are expertly engineered to ensure that your productivity stays at its peak and your workflow is streamlined.

By combining proven, award-winning technology with forward thinking innovation, **Digimaster** EX Digital Production Systems offer outstanding productivity and exceptional dependability—every day, every page.

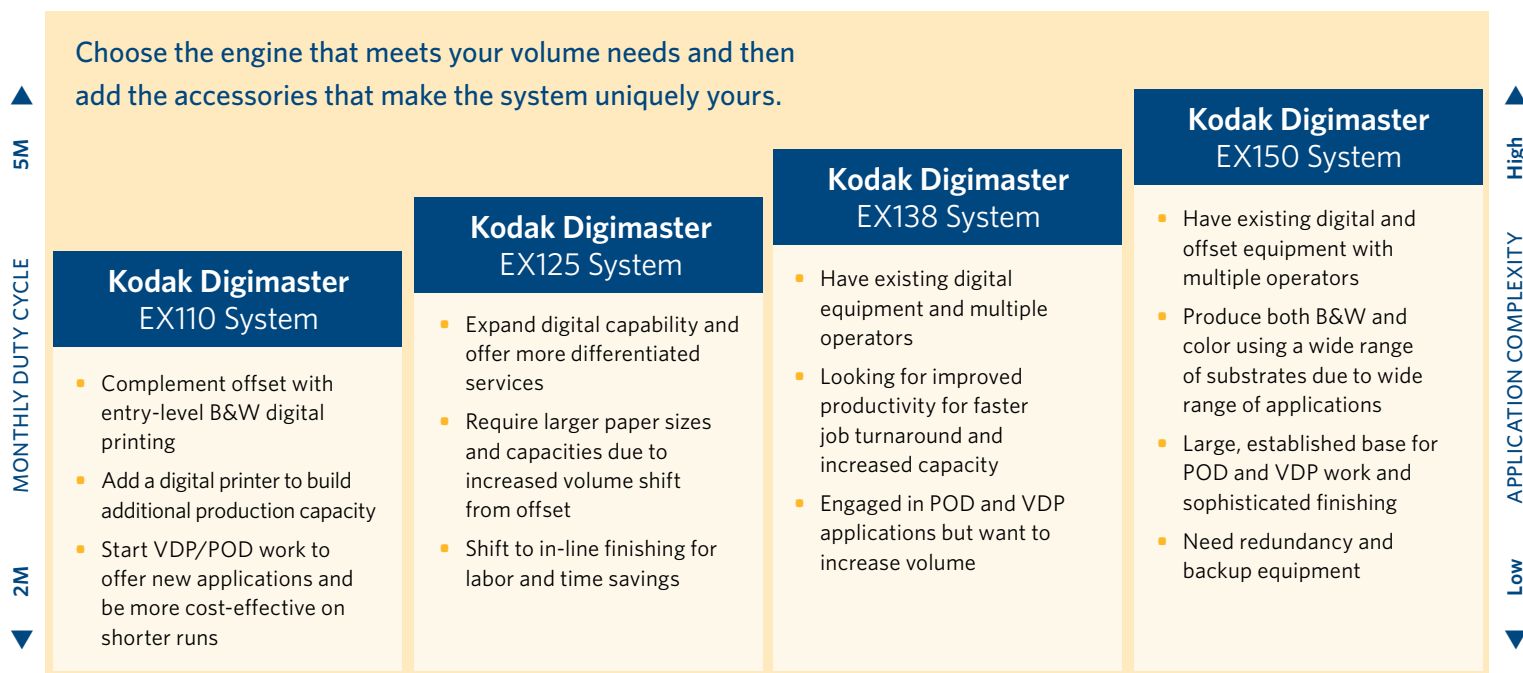
Integrated modularity

Once you choose the **Kodak Digimaster** EX Digital Production System print engine that meets your volume needs, select the components that address your application complexity. The EX Platform's unparalleled modularity ensures that you'll be well-equipped to produce the sophisticated, high quality applications your clients require.

Complete flexibility

The modular approach of the EX Platform gives you complete flexibility to customize the system you need to deliver the applications that help drive business growth—now and into the future.

You'll distinguish yourself with consistent, outstanding quality and an extensive application reach. Win new clients and impress existing ones with complex finished documents that deliver outstanding value every time.



To learn more about solutions from Kodak:

Visit graphics.kodak.com
Or in North America, call +1-866-563-2533.

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