



## ***Compelling Products for a Technology Advantage***

*The Must See 'ems technology and product recognition program is a highlight feature of the Executive Outlook Conference, held the day before GRAPH EXPO® and PRINT® exhibitions. The program is sponsored by the Graphic Arts Show Company (GASC) and conducted independently by the PrintCom<sup>sm</sup> Consulting Group.*

### **What is a Must See 'em?**

GRAPH EXPO 2007's most compelling products and services, as selected by a panel of 16 leading industry consultants and trade magazine editors, are the Must See 'ems for almost all exhibition attendees. Must See 'ems products and services represent the technology that will impact virtually all types of printers. They represent the most compelling technology. These products and services are Must See 'ems recognition recipients.

### **Worth-a-Look for Niche Markets**

Some products and services being exhibited at GRAPH EXPO 2007 do not have as wide an application or broad impact on the industry as the Must See 'ems, but are nevertheless especially important for niche markets or selected groups of printers or converters. Some are technology demonstrations providing a hint of future products. Products and services embodying these characteristics are recommended to the showgoers as Worth-a-Looks.





## ***Selected from almost 6,600 products***

*Must See 'ems and their companion Worth-a-Look products were selected from the almost 6,600 individual products being shown at Graph Expo 2007 by over 650 exhibitors. Products were nominated in a reiterative process from supplier information including pre-show briefings and input from an independent Selection Committee. Nominees were reviewed and voted on by a 16 person committee in a secret ballot that required more than majority agreement that a product was compelling for a large number of exhibition attendees to achieve Must See 'ems recognition. Products identified as compelling but of importance to a more limited audience or that are promising but not yet fully developed or are in an uncertain early adoption stage have been identified as Worth-a-Looks.*

## **Must See 'ems and Worth-a-Look Characterization:**

Selected hardware and software are categorized as follows:

- **Encore products** – Products and technologies that were awarded Must See 'ems recognition in 2006 that the panel selected for continuing recognition because although not new, they are still compelling products or when originally recognized were in an early adoption stage and now are part of a growing technology adoption trend. Products in this group have been characterized either as 2007 Encore Must See 'ems or as Still Worth-a-Look products.
  
- **Production Technologies** – Categories of processes, methods, services and technologies that every printer should be aware of were identified by the Selection Committee. The most important technologies for profitable survival are ranked. Must See 'ems selections that fall within these production technologies are listed under the highlighted technology groupings.

- **Individual products and services** – New, significantly improved and compelling products that have a wide appeal, but which do not fall into one of the Must See ‘ems technology categories, are listed as individual Must See ‘ems or Worth-a-Looks.



## ***The Most Critical Technologies***

*Management Information technology and the ability to implement and use it effectively is the least touted but most important overall technology at GRAPH EXPO® 2007. Closely followed by Digital Production Printing and Workflow, MIS as well as Digital Printing are repeats from last year's selections made by the Must See 'ems technology and product Selection Committee.*

*In addition to reviewing the products and services that are at the show, the Must See 'ems Selection Committee analyzed and selected The Technologies of Print that in their judgment are the most important and compelling with emphasis on those most likely to have the greatest impact on a printer's ability to survive. The 2007 critical technology selections are:*

### **The Top Six Survival Technologies**

Selected by the Graph Expo Must See 'ems Committee

1. Management Information Systems and Skills
2. Digital Production Printing  
Color and Black/White
3. Workflow --- Analog and Digital Applications
4. Information Technology --- fullest scope
5. Web-to-Print
6. Color Management – Prepress

### **Second Tier Survival Technologies**

7. Litho Press Automation  
Varying functions – but not JDF
8. Computer-to-Plate  
With ink fountain presets
9. Preflight Software/Skills
10. Application of a unique capability  
Includes a range of technologies and creative applications that differentiates printers

## **MIS is Core Print Technology**

MIS has become the core technology around which customer interfaces, scheduling, production control, integrated automation, and business workflow are built. What started out as computer-assisted estimating has slowly morphed over the last 25 years to become the centralized brain of the industry's most advanced and profitable companies.

The full spectrum of digital production printing technology --- toner and inkjet based; mono-color, spot color and process color --- was selected as the number two critical technology being demonstrated at the show. There will be more digital printing equipment and more pages of digitally printed material at the show than offset equipment and its sample output. The amount of digital printing equipment at the show and the fact that some analysts are dubbing drupa 2008 as either the Digital Printing Show or the Inkjet Drupa illustrates the importance that this printing process now has for the global printing industry.

## **Workflow is Profit Differential**

Workflow was a somewhat confused third ranking in the panel's identification of critical survival technologies. Confused because many of the panelists, who come from different segments of the industry with different functional backgrounds, had different perceptions of exactly what is included in workflow. For some workflow is prepress focused. Others see it embracing the entire plant, including the flow of business information. However defined, the majority of panelists felt that having an efficient flow

of electronic and physical production was essential to profitable survival. The point of difference between profitable and unprofitable printers with essentially the same equipment is often workflow.

A scan of the products being shown at Graph Expo shows that an increasing number have some form of information technology (IT) capability requirements for a printer to properly install, utilize and maintain the equipment. To obtain the full benefits of an MIS requires at least a modicum of IT capability. As printers move into digital printing, variable data printing, personalization, digital asset management and some slice of multiple media, all along with a boatload of software now utilized for conventional printing operations, IT competence is increasingly important for a printer's survival. For these reasons, the Must See 'ems Selection Committee put information technology in fourth place in its list of critical survival items.

### **Web Links Buyer and Printer**

Recognizing a relationship between electronics and print, the panel identified web-to-print technologies as the fifth most important technical area of competence for printers. Web-to-print includes the use of this technology for print buyers to communicate with printers and to submit jobs for both offset and digital printing. One panelist noted that in some ways, it is a customer convenience and in other ways it reduces costs making print more competitive. In the digital arena the end user-created database where responses to questions and choice on the internet form the bases for a personalized message is a major factor in that technology's growth. Some

panelists expressed the opinion that one day the vast majority of print would utilize web-to-print technologies.

With the possible exception of some book market segments, single color print is a rapidly declining product. As the utilization of color has become ubiquitous in almost all market segments, the print buyer customer demands that his requirements be precisely met. Color management technology is becoming a more important tool in meeting these requirements and for this reason was identified as the sixth most important survival technology.

### **Second Tier but Still Critical**

The next four selections that round out the top 10 received significantly fewer votes than the preceding group, putting them in a second tier array of printer importance.

Leading the second tier in seventh position overall was the automation of the lithographic process, a long-standing trend encompassing a variety of printing functions. Most notable is the fact that the Selection Committee stressed the importance of automation but not integrated automation using specifications such as JDF/JMF (Job Definition Format/Job Messaging Format). In 2006 JDF-enabled integrated automation was a number two survival technology pick. While not a technology per se, the Committee noted the importance of replacing technologically obsolete press equipment with newer, sometimes faster and inevitably more automated functionality. One panelist noted that reducing production costs through the utilization of

automation that reduced the amount of human intervention and touch points during production was an important survival consideration.

Computer-to-plate technology is mature but less than half of the industry's operating plants have adopted the technology and even fewer utilize its companion, automatic ink fountain presets. Ranked number eight, the panel noted that it is difficult for a plant without CtP to compete against a comparable operation that has embraced CtP and its ink fountain ramifications.

The ninth ranked technology embodied in preflight software and printers' skills in using the software is mature and universally utilized by most printers. However, the Committee noted that the condition of incoming electronic files is still relatively poor and has not been significantly improved in the past few years. While in some respects, this can viewed as a customer-generated problem, the printer's ability to economically and rapidly preflight incoming material is an essential survival skill with cost and customer satisfaction ramifications.

### **Unique Enhances Profitable Survival**

The last of the top ten survival technologies --- "application of a unique capability" --- is not a single technology but rather it is an amalgam of several technologies that individually did not garner enough votes to be separately included but collectively have the common purpose of enabling a printer to provide a unique capability and product. It is the application of existing technology to create a product that would be unique in an existing

market. Or it can be the application of new technology to create new markets.

For example, one of the capabilities of digital printing is the creation of new products or products that cannot be readably produced by analog technology. Many printers have the ability to do coating for the purpose of creating gloss or to provide product protection. But few use the available coating techniques to create special effects that create a unique product and that could distinguish them from the competition. Inline diecutting offered by some press manufacturers enables unique diecuts to be produced quickly and economically. The application of foils on press makes it possible to do foiling rapidly and cost effectively on the inside signatures of a publication. The unique application of encapsulated scratch and sniff materials or the use of lenticular screens to create 3D effects or the application of magnetic stripes to create talking products are other examples of the application of technologies to create unique printer capabilities and products. The use of technology to create printer-distinguishing products can be a profitable survival insurance policy.

A plethora of products encompassing these survival technologies is on display at Graph Expo 2007. The Must See 'ems of Graph Expo 2007 follow.

*Encore*



2007 Encore Selections were made from products and technologies that were awarded Must See 'ems recognition in 2006. Encore Must See 'ems were selected for continuing recognition because, although not new, they are still compelling products or represent a growing technology adoption trend. Still Worth-a-Look selections are those past Must See 'ems that remain broadly important but that are now somewhat less compelling than the Encore selections.

# Encore



**EFI**

**Booth 3000**

**Colorproof XF**  
*(Color Proofing)*

Designed for print/prepress professionals, publishers, creatives, photographers, EFI Bestcolor®-driven Colorproof™ XF turns inkjet and laser printers into powerful proofing and production devices.

Significant features/enhancements added since being introduced at GraphExpo 06:

The XF Server on Macintosh® OS X delivers a complete cross-platform application for Windows® and Mac environments. A Dot Creator Option screening method enables users to screen contone data and print a simulation of color and AM screening characteristics of final run, without an imagesetter or platesetter RIP. With the enhanced Fiery Option, customers use Colorproof XF to proof on an inkjet printer, then a Fiery for color management/workflow on a laser-based production printing system, and build a multifunctional printer pool with centralized color management, seamlessly. Soft proof capabilities ensure that colors look the same on all monitors, reducing the cost/time associated with unnecessary printouts. Critical in LFP production, the Clean Color function provides vivid, saturated colors. Server/printer balancing functionality improves processing capability and output volume, increasing efficiency/profitability.

Colorproof XF fully supports the important new ISO 12647-7 proofing standard. With the support of the latest UGRA/Fogra media wedge v2.2 corresponding to the ISO 12647-7 definitions and including the latest ISO and GRACoL profiles.

**Website: [www.efi.com](http://www.efi.com)**

Encore Must See 'ems - Color Proofing

**Encore**



**Océ North America**

**Booth 4463**

**Océ VarioPrint 6250**

*(Production Color Digital Press)*

The Océ VarioPrint 6250 is designed for short-run black and white or color production of training manuals, product guides, bound reports, variable data printing, tabs, inserts, and short-run books. The system is based on single-pass Océ Gemini Instant Duplex technology, which presses toner images onto both sides of a page simultaneously without turning the paper. The combination of single-pass duplexing and a fusing temperature lower than other electro-photographic methods reduces stress on paper, minimizes curl, and lessens the risk of paper jams in finishing. This, in turn, minimizes interruptions. The straight paper path and paper-positioning module give the Océ VarioPrint 6250 near-perfect front-to-back registration for exceptional offset-like quality on every page.

Twelve paper drawers support up to 13,800 sheets, including letter, ledger, oversized and custom-size media, plus duplex printed tabs and inserts. Input drawers can serve as interposers, eliminating added expense. Operators can load paper while the machine is running for up to 15,840 letter-size (7,920 ledger) prints per hour with minimal intervention. Users can optionally load up to 13,800 sheets of any size at once for up to four hours of unattended printing.

**Website: [www.oce.com](http://www.oce.com)**

Encore Must See 'ems - Production Color Digital Press

Encore



**Press-sense Ltd.**

**Booth 5359**

**Press-sense Omnium**

*(Management Information System)*

**What is it:** Press-sense Omnium is a JDF/JMF compatible Business Management System for medium-to-large commercial print shops. Omnium automates the fulfillment and manufacturing resource plan process as well as estimation, scheduling, production management and administration functions. Press-sense Omnium unified the processes of sales, customer service, estimating, planning, scheduling, procurement, delivery and billing administration into one ERP system.

**How it is Unique:** While other products exist that can perform either MIS, planning, scheduling, CRM or procurement functions, Omnium is the first product that integrates these functions into a Automated Business Management System and integrates with the upstream order workflow and the backend production systems.

**Features:** Press-sense Omnium integrates with the production and accounting workflows to track and report upon quality procedures, CSR tracking and follow-up, client communications, billing, inventory, and delivery management.

**Website:** [www.press-sense.com](http://www.press-sense.com)



**Xerox**

**Booth 1219**

**Xerox Nuvera 288 Digital Perfecting System**

*(Perfecting B&W Digital Press)*

A fully integrated, tandem-engine architecture makes the Xerox Nuvera<sup>®</sup> 288 Black Digital Perfecting System run two-sided prints twice as fast with image quality equivalent to offset printing standards. Two print engines physically connected together in one system can produce books, catalogs, bills, statements and other graphic-intensive documents at 288 duplex impressions per minute (144 two-sided pages).

Xerox's "Pass Through Programming" technology – which keeps the Xerox Nuvera 288 DPS running even if one of the engines is stopped – maximizes productivity and uptime for commercial print operations and in-house printing facilities, giving them opportunity to take on even more revenue-generating jobs.

Image quality on the Nuvera 288 is at a resolution of 4800 x 600 dots per inch, with line screening of up to 156 lines per inch.

The Xerox Nuvera 288 also incorporates Xerox's proprietary Emulsion Aggregation Toner, providing a smooth offset-like look and feel. With the ability to run coated substrates, the system is suited for transactional printing and book publishing, especially scientific, technical and medical manuals which include detailed drawings and images.

**Website:** [www.xerox.com](http://www.xerox.com)

Encore Must See 'ems - Perfecting Black & White Digital Press



**Böwe Bell + Howell**

**Booth 600**

**Printegrity™ Inkjet Solution**

*(Mono-color Addressing – Imprinting)*

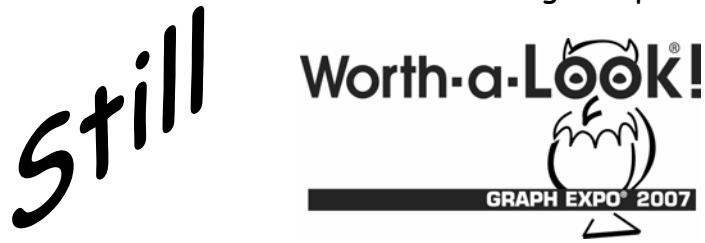
The Printegrity™ black solution is a mailpiece personalization system for targeted and one-to-one marketing, and addressing. The solution offers low-cost printing options for personalizing each mailpiece with multiple options including addresses, dynamic or fixed graphics, barcodes, marketing messages, time/date stamps and more.

The Printegrity offers a wide variety of print resolutions at speeds up to 36,000 envelopes per hour. The standard unit features a 1.5” contiguous print height with expansion up to a height of 30”. The solution can interface with a wide range of mail inserters or serve as a standalone module with several feeders, tabbing, finishing options. Since last year, Printegrity has expanded its capabilities with new features which have enabled it to be integrated on more inserter platforms and new applications for standalone. Improvements include support for the new OneCode (4-state USPS barcode) and additional inks have enabled printing on unique material.

The unique feature of the system is its auto-capping technology to prevent ink from drying out between uses. The solutions supports HP print cartridges with multiple ink types in various pigments and colors, and for cost effectiveness, bulk ink supply options are also available. Pantone Color matching service is available in both cartridges and bulk ink supply.

**Website:** [www.bowebellhowell.com](http://www.bowebellhowell.com)

Still Worth-a-Look - Mon-color Addressing - Imprinting



**Eastman Kodak**

**Booth 1246**

**Kodak Versamark D-Series Printing Systems**

*(Production Color Digital Press)*

The Kodak Versamark D-Series Production color Printing Systems are built for speed, flexibility, reliability, low cost of operation and quality results. The modular design allows custom designing by the customer. You can choose complete printing systems or components that integrate seamlessly into existing workflows, then upgrade at anytime as the need arises. The D-Series printing systems are easy to install on presses, collators, mailbases, folders and a variety of other in-line and off-line equipment. The Kodak Versamark D-Series can print monochrome, spot color and process color on a wide variety of substrates at resolutions up to 300x600 dpi and speeds up to 1,000 fpm.

Here are some other key features of the Kodak Versamark D-Series Printing System

- Letter quality, crisp character definition
- Flexible font selection positioning
- Ideal for barcoding, numbering, addressing and personalization
- Read and image capability
- One button startup with no operation intervention

**Website:** <http://www.graphics.kodak.com>

Still Worth-a-Look - Production Color Digital Press



**Fujifilm Graphic Systems U.S.A.**

**Booth 4406**

**C-fit Image Intelligence**

*(Prepress Software)*

Fujifilm C-fit Image Intelligence is software for automating the analysis, optimization, and conversion of digital images, making them more manageable and easier to print. C-fit is a hot-folder based workflow for processing large quantities of digital images with minimal user intervention and it provides a method for controlling and standardizing color images. C-fit trains the software to view pictures the way that people do, by recognizing and adjusting for image types (faces, indoor/outdoor scenes, etc.) and memory colors that are important to the way a picture looks.

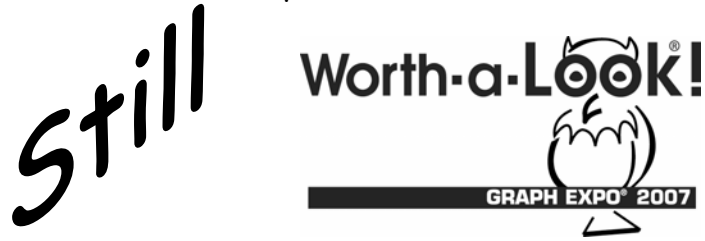
C-fit is intended for customers that work with large quantities of images, such as newspapers, magazines, yearbooks, catalogs, commercial printers, and photo labs. C-fit is a productive and consistent image and color server intended for automating the manual tasks normally required for image correction.

C-fit has two distinct functions: Image Enhancement, for the analysis and optimization of images, and Image Conversion, which evaluates the color gamut of each individual image in order to make the most intelligent color conversion possible.

C-fit also has an option for analyzing and converting images in a PDF document so that entire pages can be optimized for particular printing conditions or standards.

**Website:** [www.fujifilmCfit.com](http://www.fujifilmCfit.com)

Still Worth-a-Look - Prepress Software



**Fujifilm Graphic Systems U.S.A.**  
**Brillia HD Process Thermal Plates**  
*(CtP Printing Plate)*

**Booth 4406**

The Fujifilm Brillia HD Processless Thermal Plate is a *truly* processless thermal plate, requiring no additional equipment or steps other than imaging before going on press.

The plates feature high sensitive polymerization technology for high productivity, new MultiGrain technology for excellent ink and water balance and new emulsion technology for FM capability.

The Brillia HD processless thermal plate is compatible with most thermal platesetters and is approved for 1% - 99% at 200 lpi conventional or 300 lpi for hybrid and FM screenings. It is a non-ablative plate that carries a latent image with distinct contrast, allowing for visual inspection after imaging. The Brillia HD processless thermal plate needs an imaging power of only 120mJ/cm<sup>2</sup>, supports run lengths of up to 100,000 impressions.

The Brillia HD processless thermal plate is part of a full range of processless plates, which also includes a violet photopolymer, chemistry-free plate (the Brillia HD PRO-V) that Fujifilm introduced in 2007.

**Website:** [www.fujifilmgs.com](http://www.fujifilmgs.com)

Still Worth-a-Look - CtP Printing Plate



**Heidelberg USA, Inc.**  
**Speedmaster SM 52 Anicolor**  
*(Offset Press/Keyless Inking)*

**Booth 1200**

Anicolor is an innovative keyless inking unit combining the advantages of the flexo-principle with the ones of offset printing. It was shown for the first time in the US at GraphExpo 06. For the first time, at GraphExpo 07, Heidelberg USA will show a press with an Anicolor inking unit, an inline coating tower and extended stock range capabilities.

Using the Speedmaster SM 52 platform, the optional Anicolor inking unit is combined with an Alcolor Vario dampening system for hickey-free printing.

From the ink chamber an engraved anilox roller transfers the ink onto the plate form roller. Subsequently, the ink is transferred onto a standard offset plate. Both screen roller and form roller are full format size. The amount of ink that is transferred onto the form roller can be adapted by changing the temperature of the screen roller – there are no ink keys.

**Website:** [www.heidelberg.com](http://www.heidelberg.com)

Still Worth-a-Look - Offset Press/Keyless Inking



**Heidelberg USA, Inc.**  
**Saphira Chemical Free Thermal Plate**  
*(CtP Printing Plate)*

**Booth 1200**

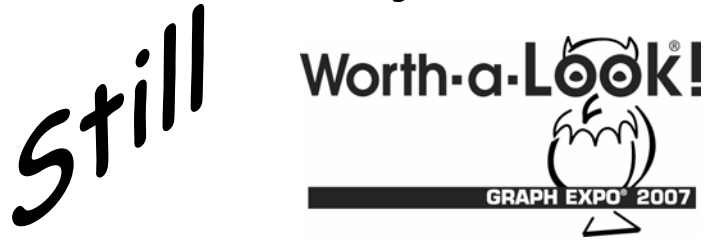
The Saphira Chemfree plate is a negative working, offset aluminum plate designed for the Suprasetter line of CtP devices using the latest chemistry free technology. This next generation plate is a traditional aluminum grained printing plate using a new coating technology. The latex-based microsphere coating eliminates the traditional thermal plate processing variables.

This “laser only” exposure forms the printing image. Nothing after the exposure affects the image on the plate. This removes variables from traditional chemical processors. Once the plate is exposed; the non-image area is removed by the Saphira Chemfree clean out unit. This compact unit uses Saphira Chemfree Gum to protect the background of the plate. Saphira Chemfree plate uses no developer, no water and no large footprint processor. The small clean out unit is used to gum the plates. The clean out unit requires no plumbing and does not use water. With Saphira Chemfree Gum, the plate is environmentally friendly and cost effective.

Saphira Chemfree Plates are claimed to be a reliable, high-quality thermal plate that reduces chemical costs and eliminate high volumes of water and waste associated with the traditional thermal process.

**Website:** [www.heidelberg.com](http://www.heidelberg.com)

Still Worth-a-Look - CtP Printing Press



**Heidelberg USA, Inc.**  
**Speedmaster XL 105**  
*(Sheetfed Offset Press)*

**Booth 1200**

The Speedmaster XL 105 was designed to be an entirely new 40" press, which Heidelberg claims has opened a new category of peak performance. This machine produces fast makereadies and has real production speeds of up to 18,000 iph. The Speedmaster XL 105 offers an enlarged format of (29.53" × 41.34") in the 40" press market which allows for more net output for multiple up printers.

Inpress Control an inline spectrophotometric measurement system has been added to the XL 105. This control system checks every single sheet printed, on the fly and at any speed. This further increases the XL's quick makeready process and produces less waste.

All this combined Heidelberg claims, leads to the highest net productivity (maximum output) in the industry.

To date, there are more than 45 XL 105 presses installed in the US alone. Customer installations for this machine are averaging 3 per month and that number is rising steadily.

**Website:** [www.heidelberg.com](http://www.heidelberg.com)

Still Worth-A-Look - Sheetfed Offset Press



**PAT Technology Systems Inc.**  
**Varstar/Rotoworx UV Coater**  
*(Digital Coaters)*

**Booth 1274**

Two versions of digital variable UV coating equipment --- the sheetfed Varstar and the webfed Rotoworx --- are being shown by PAT Technology Systems. Both systems utilize what PAT describes as True Digital Coating (TDC) --- a non-contact digital UV variable coating process using state of the art inkjet technology.

**Varstar**, the sheetfed version, is capable of producing multiple gloss levels on a single pass. Raised effects PAT calls fluid embossing is another unique feature Varstar offers. High value “on the fly” finishes can be achieved with a graphic file.

Key Varstar features

- Digital coating on the fly - Graphic file driven coating process
- Plateless, non-contact coating application
- Variable Gloss Level Imaging – One fluid/one pass for all gloss levels
- Capable of Producing Hi-res Coating Patterns and Images
- Controllable Film Thickness
- Gripper-less Feeding for Full Bleed Flood Coating
- Tight Registration Spot Coating
- 7000 A4 sheets/hour
- Sheet size range: 8”x 8” up to 24”x 30”
- Paper caliper range: 3 pt. – 24 pt.
- Automatic feeder and stacker
- No ozone, no odor environmental package included

Varstar was originally intended for the digital market. However, the exposure at Graph Expo 2006 created a great deal of interest and feedback from other markets. This prompted PAT to enhance the system for greater flexibility and accessibility. When displayed at Graph Expo 2006, Varstar was limited to a sheet size range of 8.5" x 11" to 14.4" x 22.5". Varstar's configuration has been updated to accept 8" x 8" all the way up to 24" x 30" sheet sizes.

**Rotoworx is a** stand-alone 13" webfed, digital UV Coater/semi-rotary converter. Variable data coating and variable data printing capable, it performs flood, spot coating, textures, variable gloss levels with a single fluid and can create special effects without the need for plates or blankets. Its semi-rotary, die-cut and converting platform features an electronic re-registration system which promises spot on coating and cutting.

Rotoworx is modular in construction and capable of running in a rotary and/or semi-rotary mode. Single or double application bar set-ups are also possible for both ink and coating. In addition, the system can be configured to perform a host of operations such as film lamination and thru cutting onto a conveyor.

Utilize flood, spot coatings and special effects in combination with variable data printing for graphic impact, print protection and customization.

Website: [www.pattechnology.com](http://www.pattechnology.com)

## Still Worth-a-Look - Digital Coaters

## ***The Production Technologies***

Must See 'ems and Worth-a-Look products and services are arranged in their most appropriate key technology and production categories. Several categories do not have a Must See 'ems selection. However, the categories which have only Worth-a-Look recognition products were nevertheless selected by the Committee as important for most showgoers. Products in other technology categories are listed under the Individual Products heading. The Must See 'ems and Worth-a-Look products and technology listings which follow are intended to help the majority of printers attending the show identify those most likely to impact on their businesses in the short term.

## *Management Information Systems*



### **EFI PrintSmith**

**Booth 3000**

EFI PrintSmith is a flexible print management information system targeted At small commercial shops, copy centers, and franchise shops for both offset and digital production.

The newest release, PrintSmith 8.0, includes a new “Quick Access Panel” that enables each user to customize the functions they need to perform their management and production tasks. This panel provides instant access to commonly used features for faster job set-up and more effective job management. Other 8.0 features include support for wide format and super-wide format printing, and support for roll-fed presses and material calculations. PrintSmith 8.0 also supports finishing capabilities for these processes.

An all new electronic scheduling option is also available, designed to replace whiteboard and/or spreadsheet-based production management solutions. This new scheduling capability provides real-time information on production load, downtime, overtime, and milestones for business-critical activities. It has easy to use, highly visual “drag and drop” functionality, and integrates with the PrintSmith Tracker module, which provides users with real-time shop floor data collection and job costing.

PrintSmith 8.0 also includes new PrintSmith to Fiery connectivity moving job specifications and production-related information seamlessly between the management system and the Fiery production controller.

**Website:** [www.adobe.com](http://www.adobe.com)

Management Information Systems



## **LithoTechnics Metrix Server & Metrix 3**

Booth 5130

Metrix<sup>®</sup> is job planning software which automatically calculates optimal press sheet layouts and allows companies to integrate and automate workflow from MIS through prepress and finishing, utilizing industry standard JDF, PDF and XML. When used in conjunction with the Metrix Server, the knowledge and intelligence of Metrix 3 is available to other computer and MIS without human intervention.

**Metrix<sup>®</sup> 3** takes the automation and integration abilities of Metrix<sup>®</sup> even further with;

- Automatic Allocation, which takes hundreds of different products and cost effectively allocates them across multiple press sheets and presses.
- Dynamic Barcodes, enables export of an imposed PDF file with a product specific barcode centered on each product. Enabling printers to create an imposition proof that is attached to each printed stack of products and cut with the products, allowing dispatch to identify each cut stack for packing and shipping. Barcodes can be automatically positioned in the binding margin of bound job signatures for use with binding machinery.
- Mac OS X, Metrix<sup>®</sup> 3 is now supported on Windows and Mac OS X platforms.
- Intelligent Drag & Drop, users can click and drag to move products or groups of products including marks from one location to another. Items being dragged will smartly 'snap' to other items on the layout. Users can also create an instant step and repeat of pages on a layout.

Metrix Server<sup>®</sup> makes it possible for these user-defined, best practice "standards" to be leveraged. If these job descriptions are sent to Metrix Server first, the planning can be performed completely automatically without any human involvement at all. When Metrix Server<sup>®</sup> finds that standards exist or all the required layouts, the relevant production data can be sent back to the MIS or straight into production.

[Website: www.lithotechnics.com](http://www.lithotechnics.com)

Management Information Systems



## **Pace Systems** **e-Pace Print Management System**

**Booth 4807**

The ePace Print Management System is comprised of a complete suite of fully-integrated software modules for estimating, scheduling, production, accounting and e-commerce and uses an appliance model that allows for ease of installation and training. ePace's advanced, secure system architecture is customizable, XML driven, ODBC and JDF compliant and allows browser-based access from Mac and PC platforms.

New offerings include:

- *PaceConnect* - A suite of modules that allow the ePace system to integrate with specific industry leaders for online order processing and production management. Partners include web-to-print providers Printable Technologies, Press-sense, Responsive Solutions, Pageflex and Four51, as well as SoftSolutions, a performance management and DMI solution.
- *Application Programming Interface (API)* - Designed to enable companies to enhance their internal productivity and facilitate commerce with their customers by allowing ePace to interact in real time with other systems within or outside the organization.
- *Customization Toolkit* - A suite of modules that enables ePace customers to add user-defined fields, lists and email notifications and modify or add screens, as well as set system defaults.
- *Customer Relationship Management (CRM)* – Allows users to track and manage customer and prospect opportunities, activities and internal campaigns.

**Website:** [www.pace2020.com](http://www.pace2020.com)

Management Information Systems

## *Workflow*



### **Eastman Kodak Insite Creative Workflow System 3.0**

**Booth 1246**

The Kodak Insite Creative Workflow System helps to manage the entire content creation and approval cycles for ad agencies, publishers and creative individuals. It is a Web-based solution that enables users to assign review and approval tasks to specific stakeholders and then track their progress. Identified stakeholders review and approve element via the Kodak Smart Review System client and use tools like zoom, pan, annotate, measure and color density checking to ensure job elements are corrected and finalized before approval.

The Kodak Insite Creative Workflow System can operate as a standalone solution or with other Kodak Portal Products to form a seamless idea to prepress solution, with the Insite Creative Workflow System focusing on work in progress, offering content proofing and collaboration.

**Website:** [www.graphics.kodak.com/teamworks](http://www.graphics.kodak.com/teamworks)



**EFI**  
**Fiery Central**

**Booth 3000**

EFI Fiery Central is a modular, PDF-based production workflow management solution. With a complete Fiery Central workflow, organizations can distribute and control workflow on up to 16 different printers in 10 different groups, automate or reduce labor-intensive production tasks such as pre-flighting, correction, color management, imposition and tab insertion, maximize device investment by optimizing engine utilization and increase overall efficiency.

EFI Fiery Central has three main modules:

**Focus** provides centralized print server management, job submission, queuing, tracking and ticketing, while optional applications add powerful scalability, flexibility and functionality. This base software is required in all configurations of Fiery Central.

**Flow** is an optional module that lets users create and edit workflows with a graphical icon based, drag 'n drop process editor.

**Balance** is an optional module that unifies the output capacity of multi-engine environments by centralizing digital printing tools within an intuitive user interface.

*Website: [www.efi.com](http://www.efi.com)*

Workflow



**EFI  
Splash RPX-ii**

**Booth 3000**

EFI Splash® RPX-ii is the Mac OS X-based workflow software option for the Fiery® embedded server driving Xerox's DocuColor® 260/240/250/242/252 color multifunction systems. Splash RPX-ii delivers high levels of color management and quality for graphic arts and workflow and production tools for light production environments. Splash RPX-ii is designed to run on Mac -based computers, and it automatically runs at peak performance for the Mac's architecture.

Splash RPX-ii workflow solution empowers customers with color management, document management and production features to meet the precision printing needs of their most demanding creative assignments. For example: SmartRIP technology ensures the fastest processing speeds for all hardware configurations; ColorTuner reduces costly re-work by letting the user edit the output color of Ripped pages before printing the job; Hot Folders allow users to create unlimited folders for automated job submission, capturing recurring job settings and reducing operator error; and Preflight Report and Color Postflight enable users to identify errors before their projects hit paper, saving time, eliminating waste, and reducing costs.

**Website: [www.efi.com](http://www.efi.com)**

Workflow



**Enfocus  
PitStop Server 4.1**

**Booth 4819**

PitStop Server, in this major upgrade, is a high-volume PDF workflow preflighting and auto-correction solution for many thousands of users worldwide. PitStop Server instantly analyzes, corrects, reports on and routes files based on the most stringent industry standards, including PDF/X-1a, PDF/X-3, and Ghent PDF Workgroup.

PitStop Server's major enhancements include Acrobat 8 and Mac Intel (universal binary) compatibility, increased processing speed, robust crash protection that catches and quarantines unstable PDFs, XML (as well as PDF) reporting, and automated software update notification. PitStop Server now identifies and preflights files – at the folder or sub-folder level (nested) -- produced from Acrobat 8, Distiller 8 and other applications capable of exporting PDF1.7 files. PitStop Server 4 is also now fully compatible with PitStop Professional 7, and allows end users to share PDF Profile and Action Lists across the complete workflow.

Additional, important upgrades are increased traceability through improved and comprehensive historical logging that includes virtually all file and edits/changes, automated deletion/cleaning at customer-set intervals, and file identification improvements including support for variables in filenames and unique naming guarantees.

*Website: [www.enfocus.com](http://www.enfocus.com)*

**Workflow**

## *JDF-based Computer Integrated Manufacturing*



### **Avanti Computer Systems JDF Framework**

**Booth 4241**

Avanti offers a JDF Framework that gives print shops the ability to send automated JDF job instructions directly to the prepress department and, subsequently to digital and litho presses as well as the bindery equipment. Upon job completion, information is automatically passed back to Avanti using JDF/JMF for job tracking and job costing.

Now that the framework exists, it is very easy and cost effective to add other equipment and software. Current supported equipment and prepress software supported by the Avanti JDF framework include:

- Creo Preps
- Xerox Freeflow
- Komori K-Station JDF export
- Creo DCS (Spire)
- Rampage JVX
- Creo Synapse (Prinergy and Brisque)
- Heidelberg Prinect
- Mitsubishi Diamond 1000 LS press
- Creo Lotem Plate Maker

**Website: [www.avantisystems.com](http://www.avantisystems.com)**



**EFI**  
**JDF Pre-Press Connector**

**Booth 3000**

EFI is using the Job Definition Format (JDF), an industry wide initiative managed by CIP4, as the basis for external integrations to industry vendors. JDF is used to deliver information from one operation to the next within the planned workflow. All systems defined within a printer's facility can utilize this bi-directional communication method to improve plant efficiencies and plant cost structures thus creating a Computer Integrated Manufacturing (CIM) environment.

EFI is committed to bringing the benefits of open CIM to its customers by providing JDF-enabled systems. We are taking a leadership role by participating in the development of JDF and by making a commitment to our customers to preserve the openness and integrity of our JDF-enabled solutions.

The Pre-press Connector enables connectivity between the EFI Print MIS and JDF-enabled prepress workflow systems. Currently, EFI is working with Agfa, Artwork Systems, Dalim, Esko-Graphics, Kodak, Screen and others to finalize the necessary ICS documents and to validate integration.

**Website:** [www.efi.com](http://www.efi.com)

JDF-based Computer Integrated Manufacturing

Muller Martini's new Preciso automatic rotary trimmer finishes products with optimal trim quality at full web press speed and is one of the most precise and dependable trimming technologies in the world. Preciso handles a wide range of formats and sizes while providing flexible layout possibilities to accommodate shops of virtually all shapes and sizes. A focal point of Preciso's innovative engineering and design is Muller Martini's VibroTec centering infeed technology, whereby rollers are used to align the paddle stream, producing a hovering effect in order to perfectly and reliably align all sizes and page counts...even wide products...to ensure consistent trim quality. Preciso can be set-up and changed over rapidly to help press delivery operations save both time and money. Preciso features scissor-cut design and can trim shingle thickness up to 13mm at the highest possible quality. Preciso's segmented knives are made of tungsten carbide. The knife units are easily accessible and can be pivoted for sharpening, or, quickly unbolted and removed to provide efficient sharpening and/or service along with consistently superior quality trimming.

*Website: [www.mullermartini.com](http://www.mullermartini.com)*

Postpress Equipment

## **Heidelberg USA**

**Booth 600**

### **Prinect Integration System/Pressroom Manager**

The Prinect Integration System is a JDF-based, production workflow management system that fully and seamlessly integrates MIS with Prepress, Press, and Postpress systems. It is currently composed of two main components which are based on the tried and proven CIP4 JDF technology in the Prinect Printready System: the Prinect Printready System (available since 2003) and the new Prinect Pressroom Manager. In the near future a third component will be added, the Prinect Postpress Manager.

The system is designed to integrate with available JDF-enabled Print Management Systems for the efficient transfer of print manufacturing specifications into the production workflow, as well as delivery of production data, via JMF, to the MIS for accurate cost analysis based on production data collected either directly from integrated systems or by user entry through Prinect Data Terminals, used for machines which can not be networked, such as older equipment or equipment that is not JDF/JMF enabled.

Aside from providing production presetting data to, and collecting production data from equipment and personnel, an integral function of the Prinect Integration System is to provide up-to-date job, equipment, and operator status to production manager's, CSR's, or anyone in the shop who requires live production updates.

*Website: [www.us.heidelberg.com](http://www.us.heidelberg.com)*

JDF-based Computer Integrated Manufacturing

## *Prepress Software*



### **Adobe Creative Suite 3 Design Premium**

**Booth 4442**

Adobe Creative Suite 3 Design Premium is the latest evolution in Adobe's toolkit for print, Web, interactive and mobile design. The suite includes updated versions of software for page layout, image editing, illustration and PDF workflows.

Each component of Adobe Creative Suite 3 Design Premium is packed with features that reflect Adobe's responsiveness to customer feedback and expertise in software development. CS3 Design Premium includes the following products: Adobe InDesign CS3 for professional page layout, Adobe Photoshop CS3 Extended for advanced image editing, Adobe Illustrator CS3 for vector graphics creation, Adobe Flash CS3 Professional for interactive design, Adobe Dreamweaver CS3 for Web design and development and Adobe Acrobat 8 Professional for efficient Adobe PDF workflows. Design Premium also features Adobe Bridge CS3, Adobe Version Cue CS3, Adobe Device Central CS3, Adobe Stock Photos and Adobe Acrobat Connect. This latest edition, available for both Intel-based Macs and PC's, also includes an enhanced user interface and improved end-to-end integration that lets designers maintain an uninterrupted flow of creative energy from concept to completion across workflows.

**Website:** [www.adobe.com](http://www.adobe.com)



**Enfocus  
Neo**

**Booth 4819**

Enfocus Neo is a stand-alone PDF editor built from the ground up with the needs of pre-press and print professionals in mind. Every function in the expansive toolkit is targeted to support professionals working on tight deadlines. Neo works like a fully-fledged text editor, meaning you can rework characters, words, and even whole paragraphs of text (including justified) with confidence that what you see on-screen is what will output. Neo's versatile object manipulation allows you to stretch bleeds, resize image frames, realign or redistribute page elements and recolor vector art - quickly and precisely. Every element of the PDF can be positioned and reworked as if it were a full-blown design application –but all within the PDF file.

Designers who may over-use options like Transparency, Blending modes, Separations, Spot Colors, Page Boxes, and Overprint can cause prepress headaches – but Neo makes even the most complex page designs print-ready within a clear, uncluttered interface that means you get the job done correctly and quickly. Save the file and perform a simultaneous preflight within Neo using Enfocus award-winning Certified PDF® technology. Within minutes your PDF is back in your workflow, preflighted to stringent industry standards and to your clients' expectations.

*Website:* [www.enfocus.com](http://www.enfocus.com)

Prepress Software



## **Responsive Solutions Customer+**

**Booth 5242**

Responsive Solutions, Inc. (RSI) offers a fully integrated suite of digital communication software modules, called Customer+. The suite includes the following functionality, all available in a single integrated interface:

- e-commerce storefront with credit card and budgeting
- Web-to-print variable templates for ordering
- Variable data print
- Fulfillment and inventory management of stock items
- Variable email tools
- PURL generation and management
- Reporting including drill-down response management
- Integrated personalized landing pages
- Digital asset management
- List management and mail processing
- Content management and online design
- Dynamic web-based design tools

Customer+ also offers an integration interface which is completely based on Web Services, and has been connected with customer business systems from the simple to the complex. At Graph Expo, RSI announced the availability of the Printer Management Module, which provides a view into the production workflow using JDF messaging. This module provides a degree of shop floor and printer management at an affordable price point. RSI also announced the availability of a pagination/imposition tool for Microsoft Office™ documents. Both of these features is priced to affordably provide world-class functionality to the small and mid-sized printer, leveling the playing field with their large competitors.

***Website: [www.responsivesolutions.com](http://www.responsivesolutions.com)***

**Prepress Software**



**Xerox Corporation**  
**VIPP Pro Publisher**

**Booth 1219**

Xerox VIPP PRO Publisher is the latest addition to the Xerox FreeFlow<sup>®</sup> Variable Information Suite. The Adobe InDesign plug-in was created to satisfy the needs of the graphic community and enable premium print performance using VIPP PRO. The Xerox VIPP PRO Publisher allows print providers to use familiar, graphic-rich InDesign software to add variable text and images to documents such as postcards, statements and other customer communications.

Xerox VIPP PRO Publisher enables output to the VIPP PRO data stream, which provides faster output speeds through the separation of all textual and image variables and static data. Final personalized documents are constructed “on the fly” at the printer, eliminating the need for pre-composing and ripping documents, saving valuable time and network bandwidth. VIPP PRO output also results in exceptionally fast printing of VDP documents and the ability to capitalize on postal rate discounts using features such as Z-Sort.

The Xerox VIPP PRO Publisher delivers tailored solutions for diverse print environments including graphic arts, service bureaus and commercial printers.

A PC-only version of Xerox VIPP PRO Publisher will be shown at Graph Expo as a technology demonstration.

*Website:* [www.xerox.com](http://www.xerox.com)

Prepress Software



**XMPie  
Marketing Dashboard™**

**Booth 4836**

The Marketing Dashboard™ is a new capability of XMPie PersonalEffect version 4.0 to be launched at Graph Expo. It is a new browser-based application of uProduce™ that adds the Campaign Management dimension to the Publishing and Production capabilities that are so successful with uProduce. With the Marketing Dashboard, campaigns with multiple touch points can be defined, information about campaign performance can be tracked, reports with graphs and charts can be generated, and response data can be used seamlessly to update information for other touch points and further campaign refinement of targeting and personalization. With the Marketing Dashboard the impact of the Response URL (RURL™) – also known in other places as PURL – is much more profound. Not only do we collect classical statistical information about microsite visitors but more importantly we collect campaign variables that identify the offer for each individual visitor which can be used in analysis. This is a breakthrough in this industry. With the Marketing Dashboard XMPie bridges Cross Media publishing with individualized marketing, enabling a streamlined feedback loop and control dashboard for the marketing functions.

**Website: [www.xmpie.com](http://www.xmpie.com)**

Prepress Software



**Alwan Color Expertise  
CMYK Optimizer version 3**

**Booth 4868**

Alwan debuts CMYK Optimizer version 3 for color preflighting, standardization and optimization of CMYK separations and data. CMYK Optimizer helps customers achieve optimal print quality and proof matching while simultaneously reducing print costs.

Printers gain ability to control and improve printability of jobs by optimizing separations according to the process, press and paper used. Files standardized using CMYK Optimizer generate accurate proofs that are easy to reproduce on press.

The hotfolder based system offers automatic and dynamic dot gain compensation, TAC correction and black generation for optimal printing. CMYK Optimiser solves virtually all set-off problems caused by heavy ink weights.

Unique new features include: New Press Calibration Option, enables prepress operators to use TVI, NPDC or ICC based methods to calibrate presses according to ISO 12647-2/3 and GRACOL specifications. New Enhancement Technology enhances images embedded in PDF files. Integration and Full Support of the Latest Adobe PDF Library v8.0. Pantone© PMS Colors for improved color rendering and dot gain management. Support of the latest GWG specifications and guidelines for PDF color management and handling. Support of ICC v4® Specifications and requirements. New HTML-Based Interface allows monitoring/control of Alwan CMYK Optimizer production workflows remotely, from any computer using any popular Internet browser. Improved processing speed.

**Website: [www.alwancolor.com](http://www.alwancolor.com)**

**Prepress Software**



**Digital IMS  
Printer Presence**

**Booth 5422**

PrinterPresence is a pre-developed website solution designed specifically for printers. Each site comes equipped with over 200 pre-written pages of content that users can access 24/7 to update text, photos, products and services without any programming knowledge.

There are fifteen professional website designs to choose from with custom design options also available. Utilities such as Customer Portals allow customers to log on through a password-protected area where they can reorder past jobs, view proofs, send files, place orders and request estimates.

PDF JobReady™ enables users to send color-separated, print-ready PDF files directly to the printer from almost any application on their computer. VersaDoc, a web-to-print utility, enables customers to enter variable information into templates of commonly ordered documents such as business cards or postcards and proof them online before placing their order. Secure online ordering is available through Authorize.net. Each week, news articles are posted in the Hot Off The Press section on the front page to keep the site current and increase search engine optimization.

All PrinterPresence clients receive unlimited training and one-on-one technical assistance at no additional cost.

*Website: [www.printerpresence.com](http://www.printerpresence.com)*

Prepress Software

## *Other Software*



### **Esko**

**Booth 4851**

#### **Packaging Software Products**

*(Software Suite 7, DeskPack 3-dX, Visualizer)*

Esko offers three packaging software products --- Software Suite 7, DeskPack 3-dX, and Visualizer --- all designed to assist the graphic designer and packaging professional to produce effective packaging.

**Esko Software Suite 7** is a complete collection of Esko packaging software tools combining structural and graphic design, production, and asset management/collaboration tools. Suite 7 includes:

Esko ArtiosCAD, structural design of folding carton and corrugated packaging and manufacturing of die-cutting tools; Esko DeskPack, plug-ins for Adobe® Creative Suite® applications; Esko PackEdge, PDF editor preparing jobs for volume reproduction; Esko Plato step & repeat operations; Esko BackStage, workflow automation, error-reduction and JDF-based system integration. Full PDF/JDF support ensures smooth workflow integration between Adobe® CS3®, Esko Software Suite, and MIS; Esko FlexRip/FlexProof, and screening for high-quality output to the widest range of CtP devices, digital presses and proofers; Esko Kaleidoscope, ICC compatible color management for multi-color printing; Esko WebCenter on-line collaboration and approvals; Esko Visualizer, dynamic packaging visualization; Esko FastImpose, JDF-driven sheet layout, beyond interactive page stripping.

**Esko DeskPack 3-dX** is a new plug-in for Adobe® Illustrator® that supports virtual three-dimensional views and navigation for packaging design. 3-dX assists the graphic designer by intuitively navigating through complex structural designs. This facilitates a virtual view while creating the graphic design literally as if the product was held in the designer's hands.

Package designs created by 3-dX can be exported as realistic product shots for communication and collaboration, as PDF files with embedded 3D models, directly viewed by anyone within Acrobat® Reader®. Acrobat Reader's 3D features allow users to interact with the 3D model by rotating, panning around and zooming in. Furthermore, 3-dX can export high-resolution images of the 3D model for presentations, or further enhancement with image editing software. For example, users can add reflections, drop-shadows or even place the package in a supermarket background to create realistic product images before the packaging is even complete.

**Esko Visualizer** combines graphic information in PDF and other file formats with structural information – such as die cut shape and folding lines, and angles, interprets or adds information about substrates, special inks and finishes, and delivers a variety of realistic moving, interactive 2D and 3D representations of the final package. Esko Visualizer renders visual effects from various paper grades and substrates, inks—including metallics, spot colors and high intensity, and finishes such as varnishes, foils, embossing, and glitter.

Importing designs combining graphic, structural and other metadata into a single PDF file automates the packaging workflow. The steps are:

- Identify areas with special inks and finishes using a special Esko Visualizer 'swatch' library
- Save a production PDF file with graphic, structural and metadata
- Open that file in Esko Visualizer and simulate appearance and color changes.
- Choose from numerous interior, exterior and retail viewing environments for viewing under a variety of lighting conditions and backgrounds
- Create and save (common file formats) static or animated representations of the proposed design

*Website:* [www.esko.com](http://www.esko.com)

Other Software



**HubCast**  
**Print Manager**  
*(Distributed Print Software)*

**Booth 5438**

HubCast is an open commercial print utility that provides a distributed and print service. The HubCast utility is regulated to standardized file format, color calibration and JDF driven job information, as well as financial and logistical operations.

Founded in 2005, HubCast answers the commercial service provider's need for distributed print. The HubCast service offers subscribers access to a network of commercial printers worldwide. It enables domestic printers to print abroad without the typical shipping and licensing costs normally associated with international business transactions. Using the internet, projects can be coordinated locally and printed globally at numerous on-demand digital and offset production facilities, saving clients time, money, and lengthy shipping processes. It is especially suited for service firms with clients seeking global marketing reach (i.e., Fortune 1000 companies). All jobs are tracked via dashboard and HubCast warrants the production.

HubCast PrintManager can also be connected directly to a printer's web to print front end, allowing for complete end to end automation from file creation to job delivery.

**Website:** [www.hubcastinc.com](http://www.hubcastinc.com)

Other Software

## *Web-to-Print*



### **Eastman Kodak Web-to-Print Solutions**

**Booth 1246**

Kodak Web-to-print Solutions is a true web-to-print service. The suite of solutions offers traditional Web-to-print functionality via a Web-based storefront application; introduces variable data print capabilities; and integrates seamlessly with Kodak Workflow Systems for workflow production automation for both conventional and digital printing. Use of JDF ensures that the workflow can drive third-party digital presses in addition to Kodak Digital Presses.

The true innovation is its ability to seamlessly, without the use of hotfolder solutions or manual work-arounds, allow a customer to place an order online, and without manual intervention, enable the print service provider to receive, proof, process and output the job.

The core infrastructure supports three types of orders: static orders from online catalogs of finished pieces; print-ready orders from catalogs of templates; and variable data orders that create individual pieces or mass mailings by uploading a Microsoft Excel spreadsheet.

The flexible pricing engine supports sophisticated value-based pricing. Reporting and order management tools provide visibility into operations. Customizable site branding allows each Web-to-print site to be customized for each customer. Comprehensive tools for print buyers include easy ordering and online checkout, including billing and shipping.

**Website:** <http://graphics.kodak.com/web2print>

Web-to-Print



**EFI**  
**Digital StoreFront**

**Booth 3000**

EFI is using the Job Definition Format (JDF), an industry wide initiative managed by CIP4, as the basis for external integrations to industry vendors. JDF is used to deliver information from one operation to the next within the planned workflow. All systems defined within a printer's facility can utilize this bi-directional communication method to improve plant efficiencies and plant cost structures thus creating a Computer Integrated Manufacturing (CIM) environment.

EFI is committed to bringing the benefits of open CIM to its customers by providing JDF-enabled systems. We are taking a leadership role by participating in the development of JDF and by making a commitment to our customers to preserve the openness and integrity of our JDF-enabled solutions.

The Pre-press Connector enables connectivity between the EFI Print MIS and JDF-enabled prepress workflow systems. Currently, EFI is working with Agfa, Artwork Systems, Dalim, Esko-Graphics, Kodak, Screen and others to finalize the necessary ICS documents and to validate integration.

**Website:** [www.efi.com](http://www.efi.com)

Web-to-Print



**Bitstream Inc.**  
**Pageflex Storefront 5.5**

**Booth 4458**

Pageflex Storefront™ is a turn-key software package that helps print service providers with limited Web development expertise to enter the variable printing market. Version 5.5 enables consumer-oriented Web-to-print sites. PSPs now can expand their product offerings and tap into the consumer market with such products as photo books, stationery, and calendars.

The key feature is the ability for the site to be “skinned.” Easy to use tools change the appearance of all user interface elements, including: colors, font size, and button graphics. PSPs also can insert custom content - even dynamic Adobe Flash - in many areas of the site. For example, inserting cross-sell advertisements can result in additional revenue opportunities.

New consumer-oriented anonymous browsing features enable users to come into the site and create products without having an existing account. Users can self-register at checkout. A “Forgot My Password” link has also been added.

Storefront 5.5 for the first time also offers translations of the store interface in French, German, and Spanish. Pageflex Storefront detects the preferred language setting in the customer's Web browser, and it automatically displays the interface in that language. This enables a PSP to more easily become a global provider.

*Website:* [www.pageflex.com](http://www.pageflex.com)

Web-to-Print



**Digital IMS  
VersaDoc**

**Booth 5422**

VersaDoc is a web-to-print utility that reduces prepress time by allowing customers to generate print-ready files. Utilizing Pageflex technology, VersaDoc allows printers to create templates that offer variable text and font options, text wrapping and variable image capabilities through a web-based browser interface.

Templates for commonly ordered documents such as business cards, postcards, envelopes, letterheads, menus and flyers can all be modified using the new VersaDoc system. When edits are complete, the customer is presented with an online proof. Once approved, a color-separated, print-ready file is generated and sent directly to the printer. No programming or advanced design/computer skills are needed to make modifications. Additionally, no software downloads are required by the printer or customer to utilize this utility.

*Website: [www.printerpresence.com](http://www.printerpresence.com)*

## *Internet-Related Products*



### **Chromix Maxwell**

**Booth 5147**

Maxwell is a color management system based on a central web-enabled color repository. Maxwell offers device trending, color profiling, profile sharing, and measurement services.

Built on a solid foundation of clustered web and database servers, Maxwell imports and exports popular file formats, and has a graphing engine for color analysis and device trending. No more dongles, no more color conversion problems, no more color coordination problems.

Maxwell also creates color profiles for Microsoft's Vista operating system for easy download and installation. Vista's WCS breaks new ground in color management, but it's profiles are a proprietary new format. Maxwell creates Vista WCS profiles for easy download and installation.

*Website:* [www.chromix.com](http://www.chromix.com)

Internet-Related Products



**DevZeroG**  
**PrintSure**

**Booth 5147**

PrintSure is an enterprise-class client-server job submission portal with browser- and desktop-based automated client-side QA preflighting, error correction, customisable XMP metadata and job ticket collection, uploading, email notification and backend, scriptable workflow integration. Desktop client software is distributed via the DevZeroG Web Installer, which automatically downloads and copies to the right folders the necessary files and configures settings, including usernames and passwords – from a single click by the user within the browser.

PrintSure has a mature PDF verification and optimisation engine, capable of checking fonts, ink weights, trim, bleed, image resolution, etc. The engine has been certified by the Ghent PDF Work Group – the European PDF body, Adobe, Quark, Quebecor are just some of the members. The system runs on Windows, Apple Mac OS and Linux.

PrintSure can take a PDF from a user, check it and fix any errors on the desktop, in real time, collect job details and metadata and embed them in the PDF as XMP; then upload the file to the server, notify sender and receiver via email and trigger an action in a third party system or write information to an MIS system or a database.

*Website: [www.devzerog.com](http://www.devzerog.com)*

Internet-Related Products



**Eastman Kodak  
Insite Prepress Portal System 5.0**

**Booth 1246**

The Kodak Insite Prepress Portal System is a secure Web portal in the prepress production environment that makes online communications between printers and their customers a convenient reality. In addition to automating workflow, it offers customers online job creation and file submission, monitor proofing, review and approval, collaboration tools and increased workflow visibility, including history and audit trails.

It is fully integrated with the Kodak Prinergy Workflow System. When jobs are submitted via the Insite Prepress Portal System, it triggers automated preflight and prepress files processing. This action greatly reduces job cycle times and proofing costs, accelerates time to market, and enables printers to acquire new customers, while adding value to existing customers.

**Website:** [www.graphics.kodak.com/insite.com](http://www.graphics.kodak.com/insite.com)

Internet-Related Products



**Eastman Kodak  
Prinerger Workflow System - Dashboard**

**Booth 1246**

The Kodak Prinerger System's Dashboard feature provides a centralized view into key production information such as job, proof, imposition, and platemaking status. Where previously only skilled prepress operators could access this information, now all key stakeholders can get immediate visibility into job information using a user-friendly Web browser.

Customer service representatives no longer need to call the prepress department for this information—now they can access it from their own workstation and tell a customer, while they are on the phone, exactly when proofs are ready for pickup or whether changes are still possible.

Real-time access allows for improved customer service and response times, helping printers remain competitive by keeping up with the rapid speed of digital print. Production staff will have fewer interruptions and be able to spend more time on higher value tasks and services.

Dashboard also allows Job Notes to be entered, so customer service representatives can communicate job progress or customer information, such as “customer will pick up this job Tuesday afternoon,” with each other and with prepress operators between shift changes.

No installation is required to get Dashboard up and running, just a Web browser.

**Website:** <http://graphics.kodak.com/prinerger>

Internet-Related Products



**MKL Pre-Press Electronics  
Presstogt**

**Booth 5661**

***PRESSTOgt*** web-based application, value-added partners create private, branded websites for themselves and their clients, includes digital asset management, templated interactive pdf builders, & file delivery with event driven email notification.

SiteManager Module creates/manages the websites. Site graphics/colors are set up. Menus, sub-menus & site users are managed here. XML Data feeds pass data & statistics such as logins, ads built, etc. to other applications. Note: Only our Partners have access to this module.

Filemanager Module Create folders and upload files. Low-res previews are automatically generated. User access permissions are assigned to files and folders. Create Image download options to allow the users to convert resolution, color mode, and file type at download. 256 search fields can be set up applied to all files. Event driven email Alerts can be created.

Notify Module non-ftp file delivery with notification based on preferences set up by administrator. An uploaded file can automatically notify the customer service rep, production, etc. that it has arrived.

AdBuilder Module Partner creates web navigation, uploads template with static graphics and text . It allows the end user to interactively choose images, or upload their own as well edit text based on the template chosen to create press-ready pdfs.

**Website:** [www.presstogt.com](http://www.presstogt.com)

Internet-Related Products



**WebsitesForPrinters.com**  
**WebsitesForPrinters.com**

**Booth 5614**

WebsitesForPrinters.com develops affordable e-commerce websites for commercial printers in the U.S., Canada, and worldwide. The websites allow print-buyers to request estimates, place orders, send files, and manage their frequently ordered printed materials securely online. Integrated inventory management, a virtual PDF print driver, secure document libraries, integrated online proofing, and easy reordering are also provided.

The websites are flexible in appearance and functionality. The order forms are completely customizable, as are the content areas of most pages on the site. An in-line editing system allows printers to make on-the-fly content changes to most of the pages on their website, directly from the page they wish to change. In addition to plain and formatted text, the editor also accepts HTML, CSS, and Javascript commands, allowing printers to step far beyond basic text customizations.

Printers can choose any of 18 pre-designed templates, though customized design options are also available at an added charge. Each site provides a clean, professional appearance, a frequently updated Ideas Collection, ongoing development, and a twice-monthly e-newsletter designed to develop front-of-mind awareness and encourage repeat traffic to the site.

**Website:** [www.websitesforprinters.com](http://www.websitesforprinters.com)

## *Color Proofing*



### **CGS Publishing Technologies**

**Booth 5211**

#### **Oris Proofing Products**

*(Hybrid, Press Matcher, Certified Suite)*

CGS Publishing Technologies offers three Oris products --- Hybrid Proofing, Press Matcher, and Certified Suite --- all designed in an inter-related fashion to assist the printer in producing customer acceptable, consistent, quality color products.

**Hybrid Proofing** is an integrated hard and soft copy proofing solutions.

**Press Matcher** is an automated system for producing high resolution files that make it possible to match color across devices from proof to CtP to print regardless of process --- offset, gravure, flexo, digital, or wide format. All final output can be “tuned” to match a common color space. This capability is especially useful, according to CGS, with digital processes that have only rudimentary color management enabling them to match offset or even output from similar digital press.

Once a color match is created, the system processes files automatically using shared network hotfolders. PDF, PostScript or other common file formats are simply dragged to the appropriate desktop icon and the file is transformed to the target color space. All major prepress file formats are supported enabling the system to be integrated into existing workflow.

To ensure color quality and consistency, the Oris **Certified Suite**, which includes Certified Proof and Certified Press, provides trackable proof output measurement using “pass-fail” reports to accurately meet SWOP, FOGRA, 3DAP, GRACoL and other standards. Oris Certified Suite provides quality assurance process for all color output, from contract proofs to virtual proofs,

to final press output. Oris Certified Suite can be used for any proof or press sheet, no matter what system or software was used to create it.

Oris Certified Proof not only measures spot and CMYK color bars, but also allows for the creation of color bars just by measuring them. The latest version of Certified Proof supports both methods for measuring monitor certification and allows for even larger CMYK charts, including the IT874 to be displayed and measured on the monitor. Reports can be exported using L\*a\*b\*, density tolerance and XYZ values.

Oris Certified Press takes the color control process one step further by measuring the uniformity across the press sheet, uniformity in the press direction, tone value increase, analysis of primary and secondary colors and grey balance.

*Website:* [www.cgs-oris.com](http://www.cgs-oris.com)

Color Proofing



**Epson America  
Stylus Pro 11880**

**Booth 4429**

The all-new Epson Stylus Pro 11800 is designed to meet the requirements of digital contract proofing as well as graphic design, short-term sign making, and commercial fine art printing.

The Stylus Pro 11800 incorporates Epson's latest technologies including a new MicroPiezo® TFP™ nine-channel print head and UltraChrome™ K3 ink enhanced with new Vivid Magenta pigments, to deliver up to 64-inch wide archival prints with a wider color gamut, and color fidelity, gloss-level, and scratch resistance, with consistently stable colors. Producing a 24" x 30" print in 6 minutes, 41 seconds, and a 44" x 60" print in 14 minutes, 18 seconds (1,440 x 720 dpi – HS mode), the printer is among the fastest wide-format printers in the industry.

The Stylus Pro 11880 offers real-time automatic switching between Matte and Photo black inks to optimize the black ink density for various media types, automatic nozzle verification and cleaning, nine individual pressurized 700ml ink tanks to ensure reliable ink delivery, and both USB 2.0 and Gigabit Ethernet standard connectivity. The Stylus Pro 11880 handles virtually any media type, in roll or cut sheet, up to 64-inches wide.

*Presses*  
*Color Digital Printing*



**Canon U.S.A., Inc.**  
**imagePRESS C7000VP**

Booth 629

Canon's imagePRESS C7000VP production digital press delivers a consistent print speed at 70 pages per minute for letter-sized output in both color and black-and-white. The C7000VP maintains the various rated engine speeds for Letter, Ledger, 12-inches x 18-inches, 13-inches x 19.2-inches media sizes regardless of media weight or coverage. The C7000VP uses new toner technology from Canon to print consistent color at resolutions up to 1200 dpi. A new advanced-fusing technology allows for Gloss Optimization, a technology that helps match the gloss of the toner to the gloss of the paper. Canon offers the option of a Canon controller or one of two imagePRESS servers co-developed with EFI that will tackle various levels of production workflow and the integration into existing workflows through the support of open standards. The engine comes standard with two paper trays holding 1,000 sheets each. It offers multiple input and output options including up to two print-on-demand paper decks, two high capacity stackers, and either a plain or saddle finisher with optional trimmer. The POD decks hold up to 4,000 sheets each, for a maximum capacity of 10,000 sheets. The device is available with an optional image reader and digital automatic document feeder. All the above capacities are based on 20lb bond letter-sized paper.

**Website:** [www.usa.canon.com](http://www.usa.canon.com)

Color Digital Printing



**Eastman Kodak**  
**NexPress S3000 Production Color Press**

**Booth 1246**

The Kodak NexPress S3000 Digital Production Color Press meets the needs of printers who demand offset quality digital printing for fast turnaround and high monthly page volumes. The S3000 press is ideally suited for high value applications such as graphically rich direct mail, photobooks, variable data marketing collateral, color books, and TransPromo documents.

The press has a rated speed of 3,000 11.75" x 16.5" (A3) sheets/hour or 100 8.25" x 11.75" (A4) ppm and can reliably produce over 2 million pages every month. This makes the S3000 press the fastest and most productive press in the Kodak NexPress Digital Color Platform. The press handles a wide range of coated, uncoated, and textured substrates in weights from 16 lb. bond (60 gsm) to 40 lb. text and 130 lb. cover (350 gsm). The S3000 press provides the printer with maximum control of quality, uptime, and productivity through a unique Operator Replaceable Component model and Operator Support System.

A modular press configuration allows the customer to choose digital front-end processing power, paper delivery and feeding capacity, including a new roll feed option and four- or five-color capability. The GATF InterTech Award-winning fifth imaging unit delivers spot color matching, watermarking, protective coating and glossing capability. This modularity allows the press capability to grow as the printer's business grows.

**Website:** [www.graphics.kodak.com](http://www.graphics.kodak.com)

Color Digital Printing



**Hewlett-Packard  
Indigo Press 5500**

**Booth 1229**

The HP Indigo press 5500 is a new, advanced, digital press model that offers exceptional, profit-enhancing improvements, delivering increased utilization and reduced operating cost for high productivity and profit potential. New features on the HP Indigo press 5500 include near-zero downtime on spot color ink replacement for optional 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> color stations, an expanded range of supported media and resolution enhancement technology for higher-resolution imaging of up to 1,200 dots per inch (dpi). Designed for the production of marketing collateral, direct mail, photo merchandise products, books and manuals, the HP Indigo press 5500 delivers the offset look and feel afforded by HP Indigo technology and liquid HP ElectroInk. The press prints on all supported media at press-rated speeds, and, unlike many digital press solutions, it prints on economical off-the-shelf media, including leading brand standard offset uncoated papers. Media handling is greatly improved on the HP Indigo press 5500, which is capable of printing on all supported media at press-rated speeds.

Website: [www.hp.com/go/graphicarts](http://www.hp.com/go/graphicarts)

Color Digital Printing



## **Hewlett-Packard**

**Booth 1229**

### **HP CM 8060 Color MFP with Edgeline Technology**

The HP CM8060 Color MFP with Edgeline Technology is one of the first products to operate with HP Edgeline Technology, a first-of-its-kind, thermal ink-based print technology designed to handle high-volume workloads for enterprise businesses. HP Edgeline Technology, designed with printheads that span the width of a page, allows the printer to distribute ink across paper rapidly and precisely in as little as one pass. This technology was built on a simple concept: move the paper – not the printhead.

#### Speed

- HP CM8060 Color MFP – An average of up to 60 ppm black-and-white and an average of up to 50 ppm color (maximum speed of the machine up to 71 ppm)

#### Resolution

- Up to 600 x 600 dpi black & white and color; up to 600 x 1200 optimized dpi in the Professional Print Mode

#### First page out

- Less than 12 seconds from ready mode, as fast as 35 seconds from sleep mode

#### Processor

- 1.6 GHz, Intel® Pentium® M-730 processor with 1GB RAM

#### Storage

- Embedded 80 gigabyte (GB) hard drive; private print job, stored job, and stored fax

#### Options and accessories

- Optional analog fax accessory
- Optional 4,000-sheet high-capacity input tray

**Website:** [www.hp.com](http://www.hp.com)

Color Digital Printing



**Megaspirea  
Mailliner 100**

**Booth 3080**

The Mailliner 100 is a new inline or roll input mail finishing system that dynamically die-cuts, folds and glues an envelope from the same roll of printed paper that the document(s) to go inside are printed on. The system allows marketers to use the envelope itself as part of the message because it gives them an inexpensive way to use variable data and digital color to personalize the message in a place where it won't be missed.

The system also offers an improved workflow for high volume mailers, streamlining the process of putting paper inside an envelope by eliminating the need for pre-made, pre-stored, pre-staged envelopes. In addition, since the files are kept in-line in the print stream and are printed in line on the paper, the integrity of the finished mailpiece is 100% guaranteed. And since the output is printed on a roll and the operator only needs to gather the sealed envelopes at the end of the process, the security of the documents is assured, which is important for certain kinds of sensitive output like health insurance and financial statements.

*Website: [www.megaspirea.com](http://www.megaspirea.com)*

Color Digital Printing



**Océ North America  
Color Stream 10000**

**Booth 655**

The new Océ ColorStream™ 10000 is a continuous feed, digital full-color press designed for the Graphic Arts industry. The system delivers full process color at 172 ipm, combining outstanding full-color output with Océ CustomTone® toner to meet virtually every Graphic Arts high-quality color requirement. With Océ dot modulation, the Océ ColorStream 10000 system enriches color applications with crisp graphics and smooth gradations for illustrations and photos. The system can print on almost any stock, from onionskin to newspaper to heavy and glossy stock. The system is backed by award-winning Océ service and Océ Prisma™ workflow interoperability.

Representing a milestone in the evolution of the Océ color strategy, the Océ ColorStream 10000 system extends the Océ Job Appropriate Color™ strategy to include full-process color for the Graphic Arts market. With Océ Job Appropriate Color, Océ customers can choose from a complete line of color products that deliver just the right amount of color at the right price point based on business objectives and the requirements of the job.

**Website: [www.oce.com](http://www.oce.com)**

Color Digital Printing



**Ricoh | IBM InfoPrint Solutions**  
**InfoPrint 5000**

**Booth 2276**

The InfoPrint 5000, a full color continuous printing system for the production-print space, utilizes piezo-electric, drop-on-demand inkjet technology with water-based pigment inks that are resistant to fading and smearing, even on commonly used digital papers. A tight paper web also contributes to the inkjet print quality. The system includes an extendable IPS multi-computer printer controller technology that drives multiple Adobe® PostScript® RIPs and delivers high-speed printing to expedite job completion and enable consolidation of footprints.

Leveraging IPS's new InfoPrint ProcessDirector (IPPD) for high-speed production print environments, the IP5000 provides a customizable process management system that can automate many tasks which were previously handled manually. IPPD is designed to improve the management of output environments, which can help clients reduce their costs, improve quality and seamlessly respond to changes in their processes. The full line-up of services and solutions available with the IP5000 offers customers complete tracking of a job from start to delivery.

**Website: [www.infoprint.com](http://www.infoprint.com)**

Color Digital Printing



**Xerox**  
**DocuColor 8000 AP Digital Press**

**Booth 1219**

Building on the award-winning Xerox DocuColor<sup>®</sup> 8000 platform, the Xerox DocuColor 8000AP Digital Press has an "All Weights" mode that sets the press to run at 80 ppm, regardless of paper stock, up to 110-lb. cover. A "Single Weight" mode, which varies the speed based on the paper stock, provides a glossier look. The press handles a wide range of media including coated and uncoated papers, transparencies and synthetic materials making applications such as brochures, marketing materials, magazines, fliers, direct mail, magnets and window decals possible. It delivers unparalleled rated speed and adapts to individual jobs, helping customers realize additional profits while maintaining image quality and color management options. The DocuColor 8000AP features 2400 x 2400 x 1 dpi print resolution and tight front-to-back registration of +/- 0.5mm, complementing output from offset presses. Offered with a choice of the new Xerox FreeFlow<sup>®</sup> Print Server 6.0, the Xerox CX Print Server, powered by Creo<sup>®</sup> or the Xerox EX Print Server, powered by Fiery<sup>®</sup>, the DocuColor 8000AP integrates seamlessly into any existing workflow including offset environments.

**Website: [www.xerox.com](http://www.xerox.com)**

Color Digital Printing

## *Black & White Digital Printing*



**Xerox**

**Booth 1219**

### **Nuvera 100/120/144 EA Digital Production System**

The monochrome market continues to be an important area of innovation for Xerox, as well as a significant revenue-generator for its customers. To help print providers capitalize, Xerox recently introduced the next generation of its Xerox Nuvera platform, the Xerox Nuvera<sup>®</sup> 100/120/144 EA Digital Production System. The platform delivers offset-quality images and reliability beyond industry standards set by Xerox's DocuTech systems.

The Xerox Nuvera EA platform brings "mix-and-match" capabilities to mid- and high-volume environments. Customers design the configuration that best fits their needs by selecting print controller, scanning, feeding and finishing options, and printing speeds – 100, 120 or 144 ppm.

The Xerox Nuvera EA platform delivers offset-quality images with the highest resolution of any digital monochrome system on the market – 1200 dpi and 156 lpi. The platform uses Xerox's patented, chemically-grown EA Toner. Extremely small particles provide a smooth offset matte finish, finer lines, sharper text and deeper blacks than traditional toner. EA Toner enables longer production runs (average yield up to 210,000 prints/cartridge), requires less energy to manufacture and generates less waste.

The Xerox Nuvera EA platform offers broad substrate flexibility, including coated stock and a sheet enhancement module to automatically ensure the sheets of paper stack perfectly flat.

**Website:** [www.xerox.com](http://www.xerox.com)

Black & White Digital Printing

## *Sheetfed Offset Presses*



### **Komori America Lithrone SX 29**

**Booth 629**

The Komori LSX29 is the largest half size press Komori offers, accepting a 24x29-1/2 inch sheet. The LSX29 includes a wide range of advanced technology, including a suction tape feeder, skeleton transfers, hi-speed start function and fully automatic console driven makeready. In addition it is available with fully automatic plate changing technology to drastically reduce job cycle times.

Some of the advanced features on the LSX29 include:

- Sheet size, 24x29-1/2 inches, allowing for sheet optimization, with space for gripper margins on both edges of the sheet
- Hi-speed start at 12,000 sph reduces waste and gets to a sellable sheet fast
- Suction tape feeder ensures reliability at maximum press speed and feeds sheets accurately.
- Automatic, console driven makeready functions, including Komori's KHS pre-inking and de-inking software and one touch blanket and impression cylinder cleaning dramatically reduce job cycle time.
- Fully automatic platechanging technology changes each plate in under 40 seconds.
- Optional skeleton transfer system improves sheet control and reduces marking, saving valuable production time.

**Website: [www.komori.com](http://www.komori.com)**

Sheetfed Offset Presses

## *Sheetfed Offset Presses*



### **MAN Roland Roland 700 HiPrint Press**

**Booth 646**

The Roland 700 HiPrint is a new 41-inch press line that makes its North American premiere at Graph Expo 2007. Designed to provide value-added printing and pressroom customization, HiPrint offers sheetfed facilities, a variety of combinations of inline advancements, efficiency enhancements, and printing/coating configurations.

HiPrint's array of inline options provides a perspective on how each printer can make HiPrint unique to their facility and their marketplace:

- **InlineFoil**er **Prindor** applies foil effects while the press prints. That eliminates the time and cost associated with the hot foil stamping process.
- **InlineInspector** can detect even the smallest flaw on a printed sheet, while the press operates at top speed.
- **InlineSorter** sends defective sheets to a reject bin, while maintaining fast production speeds.
- **InlineObserver** deploys a series of cameras inside the press so operators can monitor sheet flow and make adjustments on the fly.
- **InlineSheeter** enables MAN Roland sheetfed machines to print directly from web reels for substrate versatility and savings.
- **InlineCoater Smart** is an intelligent press unit that can be used to apply either ink or coating, depending upon the job at hand.

**Website:** [www.manroland.com](http://www.manroland.com)

Sheetfed Offset Presses



**MAN Roland**  
**Roland 700 DirectDrive Press**

**Booth 646**

MAN Roland has applied a significant measure of its web technology to the sheetfed sector, creating what it claims is the world's first sheetfed press with direct drive technology to improve pressroom productivity. The technology enables sheetfed pressrooms to cut their makereadies by as much as 60%.

Designated with the straightforward name "DirectDrive," the innovation powers a printing unit's plate cylinder with its own high torque motor, controlled by MAN Roland's **printnet** digital press operating system. The breakthrough is so significant that MAN Roland has devoted a new press line to the advancement — the Roland 700 DirectDrive,

Isolating the plate cylinder from the press' main drive allows a number of time-consuming makeready chores to be completed simultaneously. Example: all of the plates can be changed on the Roland 700 DirectDrive at the same time, while wash-up takes place, effectively resulting in zero plate-changing time.

That makes the Roland 700 DirectDrive ideal for short-run high-performance printers. These are facilities that have to makeready and print over ten jobs per shift, with average run lengths below 5,000 sheets per job. To be competitive, they have to drive costs out of their workflows. DirectDrive lets them achieve major savings by essentially taking the time it takes to plate the press out of the production process.

*Website:* [www.manroland.com](http://www.manroland.com)

Sheetfed Offset Presses

## *Sheetfed Offset Presses*



### **Mitsubishi Lithographic Presses Color Control System V**

**Booth 617**

The Mitsubishi Color Control System V (MCCS-V) is based on the control of print color tone by measuring the entire print image. The MCCS-V image scanning spectrophotometer records all image data for a print sheet in a single operation.

Spectrophotometric measurement is not confined to the quality control strip. The MCCS-V scans an entire pull sheet or proof by scanning the image only, color bar only or combination of the two.

The sheet is measured in both horizontal and vertical directions. The MCCS-V has spectrophotometry and densitometry capabilities; it looks at the L.a.b. characteristics of color, as well as the reflective density. When measuring a 28 x 40-inch sheet, the MCCS-V can obtain data from approximately 240,000 points.

Necessary information is set automatically according to the printing job setting by the Mitsubishi PressLink and ColorLink systems. The optimum control value of the printing press to a preset target color is displayed on the touch monitor, fed back and controlled in the printing press as required.

This press-side device supports input from four straight presses or two perfectors. It consists of a suction board, sensor head, scanner, processing board, touch monitor interface and computer for controlling and supervising the system.

**Website: [www.mlpusa.com](http://www.mlpusa.com)**

Sheetfed Offset Presses

## *Sheetfed Offset Presses*



**Heidelberg USA**  
**SM 102 with CutStar CAN**

**Booth 1200**

At Graph Expo 2007, the Speedmaster SM 102 platform will be shown for the first time at a North American trade show with the new Preset Plus Delivery for perfecting-coating models, another award winning XL 105 technology made available for the Speedmaster SM 102 platform.

Another first North America presentation is the CutStar CAN on the SM 102, the latest technology reel to sheet feeder allowing users not just to benefit from significantly more advantageous purchasing costs but also from greater ease of use and the tightest integration into a press consol. This so called CAN integration is not just enabling users to faster set up the device but also is the key to accessibility of the CutStar to our Remote diagnostics.

*Website:* [www.heidelberg.com](http://www.heidelberg.com)

Sheetfed Offset Presses

## *Web Offset Presses*



### **MAN Roland Euroman Web Press**

**Booth 646**

Euroman is the new commercial web press from MAN Roland, making its trade show premiere at Graph Expo 2007. Euroman brings the versatility and flexibility of the 4X4 format to commercial printers who want to maximize their profitability and expand their profit margins.

The press' printing units feature eleven-roller ink trains, complete with a third form roller and a third oscillating roller, ensuring precision application of ink and consistent print quality.

Automation comes in the form of automatic blanket washing devices and MAN Roland's Power Plate Loading (PPL) system. The latter option makes plate changing a two-step process: Mounting the leading edge of the new plate, then pushing a button. PPL does the rest, slashing setup time and improving production consistency.

More automation is found in Euroman's **printnet** press console. Providing operators with touchscreen control of all press functions, and **printnet**'s PressManager module lets pressroom staff program parameters of new jobs without stopping the press.

Euroman's webbing-up system features MAN ROLAND's chain-in-track system that requires no adhesives and maximizes press speed during changeovers from reel to reel. That productivity is enhanced by a reel splicer whose functions are integrated into the press' **printnet**/Pecom automated control system.

**Website:** [www.manroland.com](http://www.manroland.com)

Web Offset Press



## *Wide Format Printers*



**EFI**

**Booth 3000**

### **Vutek QS 3200 SWF Printer**

The Vutek<sup>®</sup> QS3200 UV-curing digital inkjet printer – a fourth-generation UV printer – bridges the gap between superior image quality, productivity and connectivity, opening the door to new applications and increased profitability.

Featuring High-Definition Print (HDP) capability, the QS3200 takes superwide format printing to new levels of image quality with impressive production speeds by delivering:

- Print resolutions up to 1080 dpi
- Proprietary image smoothing technologies
- Brilliant six-color imaging and a special seventh white ink channel
- EFI Fiery<sup>®</sup> XF image processing that delivers high productivity and excellent color management today with the promise of integration of additional business processes, including MIS and automated workflow, in the future
- Superior image quality on rigid and flexible substrates up to two inches (5.08 cm) thick and up to 126.5 inches (3.2 meters) wide
- The ability to change between rigid and flexible substrates in less than a minute to produce output up to 900 square feet (84 square meters) – or up to 22 - 4' x 8' boards – per hour to meet demanding turn-around times
- A multi-job layout function through the Vutek graphic user interface that allows users to combine jobs into one print run, reducing substrate waste

**Website:** [www.efi.com](http://www.efi.com)

Wide Format Printers

## *Wide Format Printers*



### **Hewlett-Packard Designjet Z6100 Printer**

**Booth 1229**

The HP Designjet Z6100 Printer series with HP Vivera pigment inks is for indoor and short term outdoor large format applications like photos and fine art prints, drawings, maps and renders, delivering vivid and high impact prints at maximum print speeds – all with HP's remarkable level of intuitive color management. The printer, available in 60-in and 42-inch widths, features the first-ever Optical Media Advance Sensor, which improves paper advancement control, so the printer can print at higher speeds and across environmental conditions with exceptional image quality. The sensor, a tiny, custom “machine vision” system built into the platen of the printer, provides direct optical measurement of media motion, delivering a breakthrough in accuracy over conventional media advance systems. In addition, the HP Designjet Z6100 Printer series includes simplified and automated media profiling and color management with an embedded X-Rite i1 spectrophotometer.

The HP Designjet Z6100 features eight HP Vivera pigment inks delivering vivid, water-resistant, exceptionally fade-resistant prints. Prints produced on a range of HP media resist fading for over 1 year un laminated and over 3 years laminated when displayed in or near a window. In interior display conditions away from direct sunlight, prints resist fading for over 200 years.

**Website:** [www.hp.com/go/graphicarts](http://www.hp.com/go/graphicarts)

Wide Format Printers

## *Postpress Equipment*



### **Böwe Bell + Howell Turbo Premium Inserter**

**Booth 600**

Designed for high volume mail production, the Böwe Bell + Howell Turbo Premium is a modular, intelligent, high speed inserting system that securely processes personalized documents printed in cut sheet or continuous formats.

The system can be configured to process single or dual inputs in the same or different document formats and sizes. Intelligently assembling and folding each recipient set of input documents based on the programming of the printed barcode read or database file look up, the Turbo Premium then selectively or redundantly adds enclosures such as business reply envelopes, marketing offers, or supporting material to each set and inserts the complete group into an envelope for mailing.

The Turbo Premium transports the folded document sets and enclosures on edge (vertically) throughout the inserting process. This transport design provides control, security and integrity at the highest processing speeds. It also eliminates stack weight on enclosure and envelope feeding for reliability and capacity.

**Website: [www.bowebellhowell.com](http://www.bowebellhowell.com)**

Postpress Equipment



**Heidelberg USA**  
**Polar P.A.C.E. Cutting System**

**Booth 1200**

The 2007 Polar Pace Cutting System provides new production enhancing automation with minimal operator effort. The acronym P.A.C.E. stands for Polar Automated Cutting for Efficiency. P.A.C.E. Systems are designed for maximum output and minimal labor.

This system performs the first five and more cuts automatically without operator intervention. During this time, these five free cuts allow the operator to jog and offload lifts, something a helper would normally do.

The Polar 137XT cutter is the heart of the system that features Autotrim and integrated waste removal. The Pace components include a Stacklift, Jogger, Counting Scale, automatic rear loading, and Offloader that move substrates to and from the cutter to keep the knife cutting continuously.

The newest feature is Autoturn mounted on the rear of the cutter that rotates the lift to complete the cut.

*Website: [www.heidelberg.com](http://www.heidelberg.com)*

Postpress Equipment





**MBO America**  
**K800.2/4 Super KTZ Combi Folder**

**Booth 2235**

The Super KTZ combination knife and buckle folder incorporates a new feature; a knife folding section that pivots 180°. Without time consuming changeover, the threefold unit, including the buckle plate and slitter shafts, pivots a full 180° from left to right, or right to left, machine exit - for either an up or a down fold. Simply opening a lever and lifting the crossfold section, then opening the clamping lever of the threefold section, allows the threefold section to easily pivot 180°. Closing the levers and lowering the crossfold section completes the changeover. Exceptionally solid construction, yet flexible enough to multiply the number of folding configurations, allows Super KTZ to deliver speeds of 9,000” per minute with excellent sheet output and unmatched folding quality. The consolidated size of the Super KTZ, compared to a 16-page buckle folder, saves nearly 30% floor space, where space is a factor.

Standard equipped operating control is MBO’s Navigator, the intelligent machine control system integrating production monitoring and machine adjustment. It calibrates jobs based on production speeds and monitors functions to prevent incorrect data entry. Navigator integrates into a digital workflow.

**Website: [www.mboamerica.com](http://www.mboamerica.com)**

**Postpress Equipment**

## *Postpress Equipment*



### **Muller Martini ASIR 3**

**Booth 3863**

Muller Martini Asir 3 sensor technology is utilized in the production of saddle stitched and perfect bound products to assure consistently excellent product quality – reducing waste as well as labor and as a result, making a wide range of print finishing jobs more profitable. Asir 3 is capable of combining both barcode recognition and image comparison in a single system to automatically guarantee that only complete and correctly assembled products are produced. When installed in the feeder of a saddle stitcher or the gathering machine of a perfect binder, Asir 3 instantly communicates with the respective machine's control system, switching automatically between barcode reading and image comparison mode. The Asir 3 sensor is a non-contact technology and thus, there is no risk of marking. Asir 3, which can run at up to 30,000 copies per hour, is also a highly flexible technology, enabling some feeders to operate in barcode mode while others operate in image comparison mode. This versatility allows for the processing of a varying mix of signatures with and without barcode.

**Website: [www.mullermartiniusa.com](http://www.mullermartiniusa.com)**

**Postpress Equipment**



**Muller Martini**  
**Preciso**

**Booth 3863**

Muller Martini's new Preciso automatic rotary trimmer finishes products with optimal trim quality at full web press speed and is one of the most precise and dependable trimming technologies in the world. Preciso handles a wide range of formats and sizes while providing flexible layout possibilities to accommodate shops of virtually all shapes and sizes. A focal point of Preciso's innovative engineering and design is Muller Martini's VibroTec centering infeed technology, whereby rollers are used to align the paddle stream, producing a hovering effect in order to perfectly and reliably align all sizes and page counts...even wide products...to ensure consistent trim quality. Preciso can be set-up and changed over rapidly to help press delivery operations save both time and money. Preciso features scissor-cut design and can trim shingle thickness up to 13mm at the highest possible quality. Preciso's segmented knives are made of tungsten carbide. The knife units are easily accessible and can be pivoted for sharpening, or, quickly unbolted and removed to provide efficient sharpening and/or service along with consistently superior quality trimming.

*Website: [www.mullermartini.com](http://www.mullermartini.com)*

Postpress Equipment



## *Individual Products*



**Heidelberg USA**  
**e-Call**  
*(Press Diagnostics)*

**Booth 1200**

eCall is a new intelligent support service product that is integrated into all Heidelberg presses with sheetfed control. It utilizes the control system to analyze and intelligently act on messages by transmitting information to a more powerful analyzing tool.

This smart diagnostic tool resides on the press and automatically analyzes incoming data.

The following actions occur if a significant event is detected:

- An eCall button automatically appears on the control center console
- The press operator has the option of pressing the button
- When the button is clicked, a service notification is automatically created and all relevant data relating to the event is automatically sent to the Heidelberg Expert Support Team for review and action
- The customer will instantly receive a reference number
- The Expert Support Team reviews the data and will quickly call the customer back.
- Remote Diagnostics will then be performed by a member of the expert support team at which point the problem will be solved or if necessary arrangements for an onsite service technician will be made

Every new press that has sheetfed control will come with eCall as part of the systemservice 36plus suite of services.

**Website: [www.us.heidelberg.com](http://www.us.heidelberg.com)**

## Individual Products



**Pantone, Inc.**  
**Goe™ System**  
*(Color Specification System)*

**Booth 4758**

The Pantone Goe System (pronounced go) being introduced at Graph Expo is the first completely new color inspiration and specification system for the graphic arts industry since the introduction of the Pantone Matching System 45 years ago. The Pantone Goe System is more than a single product with 2,058 new Pantone Colors; the System includes modern tools and interactive software to drive collaboration and improve versatility in an increasingly global, multimedia environment.

The original Pantone Matching System was designed to meet the needs of an industry without a reliable way to communicate color. The Goe System works in concert with the Pantone Matching System to empower creatives and printers with a simpler, more complete, user-friendly workflow.

The Pantone Goe System includes:

- Pantone Goe Guide with 2,058 new colors arranged in an intuitive, chromatic arrangement for easy, precise, cross-media color selection and specification.
- Pantone Goe Sticks, a two-volume set of adhesive-backed chips allowing designers to peel off a chip and place it where they want without using staples, glue or tape.
- myPantone Palettes Software – an interactive color workspace that provides an easy and engaging platform for selecting and working with colors. It integrates into any application that supports system level color pickers.

**Website:** [www.pantone.com](http://www.pantone.com)

## Individual Products



### **Prism USA Holdings** **QTMS iQ** *(Production Management)*

**Booth 1872**

iQ is the latest version of the pressroom and bindery production management system, QTMS. iQ comprises a unique set of machine monitoring modules and custom developed sensors which automatically record and collate accurate shop floor information. Whether installed onto a folding machine or a complex web press, the operator can track job performance against plan and production management can see real time plant performance.

iQ provides the ability to manage WIP and material waste through a real time, plant wide material mass balance. iQ provides workflow management for the print production floor.

By accurately reporting on key performance indicators of today's modern printing operation, iQ contributes to better decision making, lower costs and higher profit. Whether in stand alone mode, or integrated into any Management Information System (MIS), the overall effect is to enhance productivity.

**Website:** [www.prism-usa.com](http://www.prism-usa.com)

Individual Products



**Agfa Graphics**  
**Energy Elite**  
*(Ink)*

**Booth 3839**

Energy Elite is a high speed, high quality, grained and anodized aluminum thermal plate for thermal imaging designed for long press runs without baking – up to 500,000 impressions (over 1 million when baked). It is a high resolution plate for the most demanding print quality applications and can be exposed on most 830 nm thermal platesetters.

Winner of the 2007 PIA/GATF InterTech Technology Award, Energy Elite offers excellent visual contrast for easy image verification, and it is capable of the highest quality reproduction.

The plate uses advanced emulsion technology that tolerates variations in exposure and processing, and provides consistently high quality imaging. The Energy Elite plate delivers a robust, dependable press performance under an extensive range of press conditions, without the need to post-bake. In addition, the durable Energy Elite plate has excellent chemical resistance and delivers unbeatable press performance with a wide variety of inks, including UV and hybrid.

**Website:** [www.agfa.com](http://www.agfa.com)

**Individual Products**



**Agfa Graphics**  
**ThermoFuse**  
(*Computer-to-Plate*)

**Booth 3839**

ThermoFuse CtP imaging technology eliminates chemical processing, reduces energy consumption, and can also lower paper costs, according to Agfa.

ThermoFuse physically bonds images to a printing plate. Heat from an infrared laser melts ultra-fine thermoplastic pearls and bonds them firmly to the plate's aluminum substrate. That is how the printing image is created. Eliminating conventional processing reduces energy costs.

In the unexposed areas the pearls are easily removed by washing the surface with either a solution or a gum. The solution is very mild, and the pH of the gum is close to tap water, containing no alkaline or corrosive agents or solvents.

Plates made by ThermoFuse technology offer stability and consistency, and far fewer remakes are required due to the wide exposure latitude. As a result, users are often able to increase efficiencies of budgets as well as schedules. And fewer remakes means less paper waste.

Other benefits of ThermoFuse technology include compatibility with a wide range of inks, such as UV and vegetable-based inks, and an ease of use, which can also translate into savings of both time and money.

**Website:** [www.agfa.com](http://www.agfa.com)

**Individual Products**



**Air Motion Systems**  
**P3 Flexible UV System**  
*(UV Coating/Curing)*

**Booth 2053**

P3™ is the third generation of Air Motion Systems' Peak UV™ Flexible Curing System for instantaneous drying of photo-initiated inks and coatings. Building on the pioneering flexibility and ease-of-use benefits introduced with the original Peak UV, the P3 introduces a host of patent-pending advancements in efficiency, reliability and operational ease. New features include multi-axial self-healing shutters, increased cooling efficiency, dowel-pin assisted docking, double-sealed water engagement, slide-mount electrical modules and numerous maintenance and redundancy features for improving the usable life and ease of operating a state-of-the-art in-line UV system.

Like earlier generations, the P3 continues to allow for the unrestricted relocation of UV modules across the entire press – from interstation units to end-of-press – by a single operator without the use of tools. Through this arrangement, press flexibility increases up to 50% compared with fixed systems. Lamp hours are automatically tracked regardless of their location in the press. Double-parabolic shutters provide curing geometry for reaching speeds up to 2 times faster than conventional UV systems at 30% less power consumption, reducing heat on substrates and avoiding bottlenecks. Available on all current sheetfed and web offset presses with direct OEM integration, the P3 delivers an exceptional return on investment to the growing number of printers who are looking to expand their business through UV.

**Website:** [www.airmotionsystems.com/p3](http://www.airmotionsystems.com/p3)

Individual Products



**BBC Software**  
**Mail Verifier Plus**  
*(Postal Verification)*

**Booth 2286**

The Mail Verifier Plus is a portable device that measures envelope print reflectance and barcode quality to validate compliance with United States Postal Service standards, and pro-actively ensure that mailpieces will move through the mailstream and receive appropriate discounts as expected. The commercial version of the ERM-III product that was commissioned and designed for the USPS, the Mail Verifier Plus reads addresses, checks reflectance standards and includes a software-based barcode analyzer. It can examine finished mailpieces bearing address information as well as unconverted materials intended for mailpiece construction. The Mail Verifier Plus also reads POSTNET and Intelligent Mail, the leading USPS barcodes used for streamlining postal delivery. Weighing only twelve pounds, the highly portable unit can be easily moved within a print-to-mail production line, or even between facilities as needed.

**Website:** [www.bccsoftware.com](http://www.bccsoftware.com)

Individual Products





**Böwe Bell + Howell**  
**Document Fingerprinting**  
*(Mail Tracking)*

**Booth 600**

Document Fingerprinting from BÖWE BELL + HOWELL will change how companies track and manage their mail. Document Fingerprinting provides full mailpiece and job integrity for any document, any machine, from any vendor, and requires no barcodes.

This patent pending application utilizes advanced vision technology to scan a document and look for one or more data elements on a page. The data elements are processed with a high-speed algorithm to uniquely create a Document Fingerprint Identification for every page processed. Every page will have a unique combination of information (name, page number, account number, balance due, transaction date, graphic, return address, etc) that will differentiate it from other pages.

The benefits of processing mail without barcodes – but with full integrity – include:

- more attractive documents without using barcodes
- full tracking for any application, not just the applications with barcodes
- unique document information can be fed to an inserting controller
- database driven inserting instructions can be retrieved from a centralized server
- personalized marketing messages can be accessed
- a user's favorite team, color, song, car, etc can be identified and used in processing

**Website:** [www.bowebellhowell.com](http://www.bowebellhowell.com)

Individual Products



**Direct EDJE**  
**Direct Response™**  
*(Fulfillment/Warehouse Software)*

**Booth 2495**

Direct Response™ is fulfillment/warehouse management software, allowing companies in the printing industry to easily diversify into fulfillment services. Direct Response™ is an ASP/SaaS, reducing the burden of hardware and software related expenses and IT related infrastructure. Direct Response™ is a real time web-based system.

Order Creation features include unlimited user accounts, 24/7 order entry, catalog shopping experience, fully customized and corporate branded website interface, batch import processing, and credit card processing using SSL encryption.

Order Management features include real time quantity of available material, extensive permission and order restrictions, customizable order approval loops, digital document ordering, VDP capabilities and web to print integration, account charge-back to departments, divisions, project numbers or multiple account number field.

Receiving features include expected receipts and unexpected receipts, multiple partial shipments, bar-coded pallet markers, receiving log, and receiving calendar. Shipping features include real time integration with major shipping systems, bar-coded pick/pack slips automatically populate shipping information, system driven email shipping notifications with tracking links, and order status within the system including links to the freight carriers tracking interface. Reporting and communications include over 100 standard reports, custom reports designed as needed, 30+ automatic email notifications, quick glance metrics, and interfaces into accounting and CRM systems.

**Website:** [www.directedje.com](http://www.directedje.com)

**Individual Products**



**Eastman Kodak**  
**Flexcel NX Digital Flexographic System**  
*(Flexographic Plates)*

**Booth 1246**

The Kodak Flexcel NX Digital Flexographic System provides previously unachievable near-offset print quality for packaging printers. This print quality is achieved by a unique approach to digital flexography—a separate layer is imaged on a thermal imager using Kodak Squarespot Imaging Technology to produce image dot sizes as small as 10 microns. Imaging occurs at up to 9.6 square meters per hour, or in about half the time as other digital flexo plates.

The layer is then laminated to a unique flexographic plate. The lamination ensures intimate contact between the layer and the plate, eliminating all oxygen and allowing full-amplitude, flat-top highlight dots to form during UV exposure. These highlight dots are not possible with other digital flexographic plates, where oxygen causes recessed, bullet-shaped highlight dots that result in higher dot gain with increased pressure.

Because the system uses Kodak Flexcel Flexographic Plates, printing is possible on a wide range of substrates, including paper, flexible film, foil, paperboard, label stock and corrugated.

The completely integrated Flexcel NX Digital Flexographic System consists of the Kodak Flexcel NX Thermal Imaging Layer, a choice of KODAK Narrow or Mid Imagers, modified Kodak Flexcel Flexographic Plates, and the Kodak Prinergy PowerPack Workflow System.

**Website:** [www.graphics.kodak.com](http://www.graphics.kodak.com)

Individual Products



**Eastman Kodak**  
**Traceless**  
*(Anti-counterfeiting)*

**Booth 1246**

The Kodak Traceless System for Anticounterfeiting is authentication technology that protects against fraud and counterfeiting. The forensically invisible system is composed of proprietary markers and handheld readers.

The unique material properties of the markers make them visually and chemically undetectable; they can only be detected with the Kodak Traceless Imaging Reader.

The system offers significant flexibility, as the markers can be mixed with many materials including inks, toners, paper pulp for printing, as well as plastics, powders, pigments, liquids and textiles. Additionally, the markers have the flexibility of being added during the production process, or applied to the end product. The markers have no effect on the characteristics of products or packaging.

This technology provides manufacturers with a better way to protect their reputations and their brands. According to the International Chamber of Commerce, in the worldwide market, counterfeiting is estimated to account for \$700 billion in sales or 8%-10% of all global trade. In addition to the economic impact, counterfeit products such as pharmaceuticals, automobile and aircraft parts, and electronic components pose risks to consumer health and safety. The Kodak Traceless System can assure the authenticity of products in the distribution chain from manufacturer to customer.

**Website:** [www.graphics.kodak.com/go/security](http://www.graphics.kodak.com/go/security)

Individual Products



**Fujifilm Graphic Systems U.S.A.**  
Taskero Universe  
(*Quality Control*)

**Booth 4406**

Fujifilm's new Taskero Universe is a suite of diagnostic tools designed to give printers ultimate quality control. Consisting of three components – ColorPath Verified, Server Performance Management, and Print Excellence – Taskero Universe offers an opportunity to control and manage color from the prepress stage all the way through to the pressroom.

ColorPath Verified enables users to communicate, control and confirm color across numerous devices, including monitors, inkjet and digital halftone proofers, computer-to-plate devices, and printing presses. Users verify color on every output via a printed calibration strip, providing immediate feedback on the status of the device and its conformance with an established target. Taskero Universe alerts users of errors and also securely maintains all records and tracks data, providing important benchmarks and identifying trends that can affect color allowing clients real time information and reports.

Taskero Universe also features a Server Performance Management module that ensures servers are performing properly and running efficiently. Fujifilm has partnered with industry-leading manufacturers to create a proactive solution aimed at optimizing server performance.

Lastly, Taskero Universe is a tool used by Fujifilm as part of its Print Excellence service. Consultants work on-site to improve print quality, maintain print consistency and reduce costs.

**Website:** [www.fujifilmgs.com](http://www.fujifilmgs.com)

Individual Products



**Global Graphics Software**  
Harlequin RIP v8.0  
(RIP)

Booth 5451/5454

The latest evolution of the Harlequin RIP – Version 8.0 - will be unveiled for the first time at Graph Expo. This PostScript LL3 compatible interpreter brings significant new enhancements including native interpretation for Microsoft's new print and document format XPS; native PDF 1.7 and PDF/X-4 support (in addition to previously available native support for PDF 1.6 through to PDF 1.0); multithreading support to help remove RIP bottlenecks; and HD Photo support.

The Harlequin RIP's feature set includes many processes that normally run on separate applications. This has led to it being described as 'a workflow in a box'. In-RIP features include font emulation, simple imposition, color management, trapping, color separation, screening (FM, stochastic and hybrid), proofing and OPI and DCS support. These powerful features are easily accessible to the RIP operator at his workstation via a user-friendly interface.

Version 8.0 brings increased productivity to Harlequin RIP-based pre-press, printing and workflow applications, including CtP, short run print, wide format print, DI presses, proofing, PDF workflows and hybrid workflows. The RIP's powerful performance means it excels in high-volume production environments. JDF-enabled, the Harlequin RIP was the first commercially available product to achieve JDF certification from CIP4.

**Website:** [www.globalgraphics.com](http://www.globalgraphics.com)

Individual Products



## **Graphics Microsystems**

**Booth 3413**

Spectral Press Expert  
*(Production Analysis)*

Using the capabilities of this ColorQuick on-press spectrophotometer, Spectral Press Expert provides trend analysis using artificial intelligence enabling real time trouble shooting and suggested solutions. This is an analysis package that will standardize print performance on common paper types among presses, improve plate making performance as well as provide post job documentation of print performance to ISO standards. A full suite of diagnostics, operator help screens and management prompts that drive efficiency to the bottom line.

**Website:** [www.gmicolor.com](http://www.gmicolor.com)

Individual Product



**HumanEyes Technologies**  
**Creative<sup>3</sup>D Version 1.5**  
*(Lenticular Printing)*

**Booth 1229**

HumanEyes Creative<sup>3</sup>D allows designers to quickly create 3D and animated designs – for printing on lenticular. With Creative<sup>3</sup>D any 2D content can easily be converted to 3D. One can create 2D effects – such as flips, movement, zoom, rotation and opacity. These effects can be combined together to produce true animation. Creative<sup>3</sup>D uses a timeline that allows users to see how each 2D effect will work from frame to frame.

Creative<sup>3</sup>D provides for complete 3D creation from start to finish. Layering tools – via a simple brushing methodology – to depth tools that allow one to create depth in respect to layers as well as in respect to the same layer – to visualization tools that allow one to visualize the complete project from 360°.

New features:

- Soft-proofing tools that provide a preview in respect to the printer one will be printing on. This feature provides WYSIWIG capabilities for lenticular printing.
- Proofing that allow one to print A4 proofs. Additionally, a flash preview that can be sent to clients for proofing.
- Enhanced flip capabilities.
- Integration with the Creative MarketPlace, a quick and easy method for producing projects by sending them to qualified lenticular printers for a price quote.
- Convergence Tools

Website: [www.humaneyes.com](http://www.humaneyes.com)

Individual Products

**Nominees**



All of the products being exhibited at this year's show were eligible for Must See 'ems recognition consideration. Exhibitors submitted information and the Selection Committee surveyed the over 6,000 products to be exhibited at Graph Expo to nominate 125 products for detailed evaluation. While all nominated products had interesting characteristics and merit for printer consideration, not all were compelling enough for the majority of showgoers to achieve Must See 'ems or Worth-a-Look recognition. Products that were nominated but that did not receive recognition were the following:

Agfa – Delano 3.0	Booth 3839
Agfa Graphics – ApogeeX 4.0	Booth 3839
Avanti Computer Systems – CRM	Booth 4241
Böwe Bell + Howell - BBH 400 System	Booth 0600
Böwe Bell + Howell - Infinity WF	Booth 0600
Böwe Bell + Howell - Plastic Card System	Booth 0600
Böwe Bell + Howell - Connectivity Showcase	Booth 0600
Digital IMS – Market Presence	Booth 5422
Dynagram – DynaStrip	Booth 5222
Dynagram – inp02	Booth 5222
EFI – Color Profiler Suite	Booth 3000
EFI – Fiery System 8, Release 2	Booth 3000
EFI – Fiery XF RIP Software	Booth 3000
EFI – MicroPress	Booth 3000
EFI – PrintFlow or Prograph	Booth 3000
EFI – Vutek 3360 Fusion	Booth 3000
Flexo Concepts – MicroClean Anilox System	Booth 1463
GBC – 9500 HS Cyclone Laminator	Booth 2411
GMG Americas – Ink Optimizer	Booth 5235
Heidelberg USA – Diana Feeder	Booth 1200
Heidelberg USA – Japack PRO – Sample-Taking	Booth 1200
Heidelberg USA – Printers Advantage Program	Booth 1200
Inca Digital Printers – Spyder 320 Q	Booth 4480
Jeco Plastics – Variable Roll Pallet	Booth 0131

Kodak – Darwin VI Authoring Tool	Booth 1246
Kodak – Prinergy Workflow System	Booth 1246
Kodak – Smart Review System	Booth 1246
Magnum Magnetics- MessageMag Thin Magnet	Booth 4187
MGI – Presscard Pro	Booth 3463
MGI – UVarnish	Booth 3463
MGI US – Meteor DPS	Booth 3463
Mitsubishi Lithographic Presses – SimulChanger	Booth 0617
Network Consulting – DSK-1 Digital Studio Kit	Booth 4755
Océ North America – CS650 Pro	Booth 0655
Pamarco Global Graphics – GTP-1 Green Trac	Booth 4208
Pantone – huey Pro	Booth 4758
Prepress Training – Knowledge Assessment Pkg.	Booth 5126
Presstek – 52DI	Booth 3829
Procam Controls – Fount-N-Kleer XL	Booth 3726
Quite Software – Hot Imposing	Booth 4656
Ricoh   IBM InfoPrint – 2190/2210	Booth 3046
Ricoh   IBM InfoPrint Solutions – 4100	Booth 3046
Ricoh   IBM InfoPrint Solutions – 6700 M40	Booth 3046
Riso – ComColor Express	Booth 2811
Xanté – OpenRIP Fast Cards	Booth 4452
Xerox – 4112/4127 Copier/Printer	Booth 1219
Xerox – 8265/8290 Wide Format Solution	Booth 1219
Xerox Corporation – ProfitQuick Investment Plan	Booth 1219