Technical Report and Résumé

Based on the submissions for the EDP Awards 2013/2014

May 2014

Innovations and opportunities
Some words on this year´s EDP Award submissions

Innovation is the lifeblood of every industry, including printing, and the EDP Award´s aim is to celebrate the best innovations in printing technology over the last year. There is more to innovation than just new technology, it also includes enabling new markets and application, and the development of existing technologies – including hardware, software and materials – at new price points to widen their applicability and affordability. This is increasingly important in today's multiple media landscape where the biggest competition may not be another printing company but another communications channel entirely.

To stay ahead in that competition print must continue to evolve. Innovative technology has an important role in enabling that evolution but must also react to that change too. The role of the EDP Technical Committee is to assess the veracity of vendors' claims for their technology and to check their fitness for purpose of the print service provider of today and tomorrow.

Keeping abreast of the changes in the market is as much of a challenge for the EDP Technical Committee as it is for printers and the vendors that serve them. This can be seen in the evolution of the awards categories, which have changed over the years to reflect the state of the market. It is always a difficult balance to strike and one that causes heated debate amongst the committee. However, through those discussions and sharing of opinions come better decisions and a robust awards scheme.

Innovation can take different forms; sometimes a product is genuinely revolutionary and defines a new market or clearly raises the benchmark in an existing market. Other innovations are more evolutionary, building on what has come before, or in some cases one or more vendor catching up with another's agenda-setting innovation. This is a difficult issue for the EDP Technical Committee. On the one hand similar products from multiple vendors give customers a valuable choice, however too many me-too products mean there may be little choice aside from the badge on the box. The aim of the EDP Awards is to showcase the agenda-setting innovations that drive the industry onwards. It is also becoming apparent that software and workflow are becoming increasingly important areas of innovation and differentiation.

There are several areas that present exciting opportunities that are currently on the outer edges of the printing industry as we know it today. These include packaging, labelling and other industrial printing markets as well as 3D printing. While it could be argued these are entirely different industries to commercial printing and sign and display graphics, there are also significant overlaps. Just as many print vendors see opportunities for their products and services in these areas, so too smart printers may find they offer new applications for their core skills too. The EDP Technical Committee expects that these changes will be reflected in the coming years with new categories that cover products in those sectors.

Herman Hartman
Chairman of the EDP Technical Committee

The EDP Technical Committee 2013/2014

Chairman:
Herman Hartman (Editor in Chief, signPro Benelux)

Members:

Barney Cox
(Writer and Consultant)

Rob Haak
(Consultant, president SPIKIX)

Romeo Hutter
(Editor in Chief, Publisher, Switzerland)

The judging process:
As soon as a product is submitted the evaluation process starts and the members of the Technical Committee investigate the products´ features and qualities – by consulting other experts as well. At the end of the submission period the Technical Committee nominates the best ones in a category for the final judging round. In a special EDP General Assembly (this year in Brussels) representatives of all the member magazines discuss the quality again – also under aspects such as value to the user, support and service and other arguments. They finally decide which product is worth of being awarded an EDP Trophy.

The Nominees and Winners

Software

Best design-, layout- and editing solution

Nominated for an EDP Award by the Technical Committee: (in alphabetic order)

appsoft Xeditor

Xeditor offers an open and cross platform tool for XML editing enabling multi-platform publishing and production for a range of different applications.

GMC Inspire Dynamic Statement

The next generation of customer statements with the mix of online and offline. Delivering information to customers in the way they want, when they want is key to long-term retention. 95 percent of transactional documents, like statements, are opened and read. With GMC Inspire Dynamic Statement customers can view one of the most critical and regular forms of customer communication in an interactive and engaging way both on- and offline.

ppi Content-X

Content-X was enlarged by CX planner and the integration of the Adobe InDesign server. In CMS the variaty concept was integrated: reporter-story, twitter-story, tablet-story, web-story, print-story.

The winner: **appsoft Xeditor**

Best special application solution

Nominated for an EDP Award by the Technical Committee:

EFI SmartSign Analytics

It´s a building block if it comes to accountancy measuring effectiveness of printed signs. It can be deployed as either a stand-alone application or an optional module of the EFI Online Print Solutions product suite and provides valuable analytic data on signage, enabling marketers to understand and measure the effectiveness of their printed signs.

Ricoh Clickable Paper

Ricoh Clickable Paper enables print to be truly integrated into cross media campaigns, providing a means for print to act as the starting point of a customer journey, ensuring the relevance of print in the digital world.

XMPie Circle

XMPie Circle will help visually articulate the content and structure of campaigns. With Circle service providers, agencies and clients can mutually sketch, view, plan, build, and automate 1:1 multichannel communication campaigns at every stage of development. XMPie Circle started as just a digital story board but is grown out last year to a complete package with a lot of automation.

The winner: **Ricoh Clickable Paper**

Best RIP solution

Nominated for an EDP Award by the Technical Committee:

ColorGATE Productionserver 8

The generalist Productionserver (PS8) family is the universal production RIP software that ensures excellent color management with optimum color rendering and consistent reproduction for all applications. Whether large and wide format printing, digital production according to international standards suich as ISO, FOGRA, PSD, Gracol, G7 as well as for campaign printing, textile or for screen printing and print and cut.

The winner: **ColorGATE Productionserver 8**

Best workflow management solution

Nominated for an EDP Award by the Technical Committee:

Agfa Graphics Asanti

Asanti is a complete and affordable Sign & Display production hub, including PDF creation and preflighting. Asanti is configurable according to the needs of the wide format PSP. Operating fully automatically, it still allows you to control the production process through an easy to use interface. Asanti is scalable and executes different tasks on multiple servers, resulting in a reliable and predictable output on a wide range of Agfa Graphics and non-Agfa Graphics printers.

EFI Complete Integrated Workflow for Inkjet

The EFI Complete Integrated Workflow for Inkjet is the first bi-directional JDF workflow for large-format inkjet to incorporate web-to-print, MIS, RIPing and printing.

The winner: Agfa Graphics Asanti

Best web to print solution

Nominated for an EDP Award by the Technical Committee:

Agfa Graphics Asanti StoreFront

Asanti StoreFront allows print service providers to target various markets and web-to-print applications. Its main focus is on the business-to-business market. Asanti StoreFront can be used to set up multiple web-to-print stores, each targeting a specific business customer, such as a retail chain or advertising agency. Orders can be easily monitored and the order fulfillment process can be streamlined.

EFI Digital StoreFront 7.0

When it came out it was one of the first products in this area of web-to-print. EFI managed to make progress ever since version after version. Their support of the different platforms (Windows, MacOS Linux, iOS, Android, BlackBerry) and the possibility to customize and brand your own store and the ease of use is not easily to be beaten. It is a very strong part of the product portfolio of software EFI offers.

The winner: EFI Digital StoreFront 7.0

Hardware

Best print support tool

Nominated for an EDP Award by the Technical Committee:

LacunaSolutions SmartLightningSystem

Its a new way to look at how a Norm-light should behave. LacunaSolutions SmartLightningSystem is the first LED based norm-light source where not only the brightness but also the colour temperature can be controlled! The control colour goes far beyond the limits of the ISO ISO standard 3664. One can set up a colour temperature between 3500 and 12000 Kelvin and a luminance up to 2200 Lux, achieving its goal precisely using a common spectrometer.

The winner: LacunaSolutions SmartLightningSystem

Printing Systems

Best wide format roll to roll printer up to 1,6 m

Nominated for an EDP Award by the Technical Committee:

Mimaki UJV500-160

The Mimaki UJV500-160 features UV-LED curing, with long-lasting UV-LED units in combination with the new UV inks. With its fast throughput, environmentally friendly curing, and the 3M MCS warranted inks, the UJV500-160 delivers a print result that is dry and immediately ready for the next step. The LUS-200 inks are flexible and are ideal for applications with curved surfaces. The availability of white inks, with the LUS-150 inks, for roll-to-roll printing with the UJV500-160 will enhance the possibilities of this printer even more.

Roland DG SOLJET PRO 4 XF-640

The Roland SOLJET PRO 4 XF-640 is the fastest printer ever made by Roland DG with a maximum speed of 102 sqm per hour. So it brings Roland into an other area of the competition. Its uniquely engineered body has been designed for strength, speed and superb quality. The printer uses the 2013 EDP Awarded ECO-SOL MAX2 inks, and is equipped with the latest gold print heads.

Xerox Wide Format IJP 2000

The Xerox IJP 2000 is a very good implementation of the Memjet printheads. The system delivers a good quality print for short term posters and marketing materials on paper but can also be used for CAD printing. The Xerox IJP 2000 is also easy to handle.

The winner: Xerox Wide Format IJP 2000

Best super wide format roll to roll printer 3 m +

Nominated for an EDP Award by the Technical Committee:

Durst Rho 312R

The new Rho 312R is a very productive 3.2 meter roll to roll printer. It also offers a new quality standard for backlit or fine art printing. The Rho 312R features Durst's Quadro Array 12M printhe-

ads with Variodrop technology and the 12 picolitre drop size enables excellent image quality with up to 900 dpi, whilst the Variodrop technology is responsible for the printer's high productivity. It is capable of printing up to 240 m²/hour in high speed mode and up to 70 m² in 4 pass mode for backlit applications.

Durst Rho 512R

We know Durst for the robust design of their printers. With the Durst Rho 512R they made impressive steps when it comes to quality and speed. It´s a real workhorse and it brings XXL printing in a new area. The Rho 512R features Durst's Quadro Array 12M printheads with Variodrop technology The 12 picolitre drop size enables excellent image quality with up to 900 dpi, whilst the Variodrop technology is responsible for the printer's high productivity.

HP Latex 3000 Printer

The HP Latex 3000 Printer makes printing with latex inks more productive. The HP Latex 3000 Printer prints at much higher speeds and at lower costs of ink and energy. Its a production class printer that can be used on a very wide range of print media due to the new 881 latex ink set and the lower curing temperature.

The winner: Durst Rho 512R

Best flatbed/hybrid printer up to 200 K Euro

Nominated for an EDP Award by the Technical Committee:

Mimaki JFX200-2513

The Mimaki JFX200-2513 is a very attractive priced compact flatbed printer. It brings the quality of the larger Mimaki flatbed-printers equipped with the same ink and printhead technology. Its variable dot function ensures less granular and higher quality prints by jetting three ink dot sizes at once, and it features white ink for brilliant images, compelling backlits, and other items printed on transparent materials. It includes two different ink types that support a wide range of materials and applications.

The winner: Mimaki JFX200-2513

Best flatbed/hybrid printer above 200 K Euro

Nominated for an EDP Award by the Technical Committee:

Agfa Graphics Jeti Titan HS

The new Jeti Titan HS true flatbed six-color UV-inkjet printer for indoor and outdoor applications combines exceptional print quality and high speed for an unbeatable price/performance. The robust built quality engine incorporates the latest generation in inkjet print heads (Ricoh Gen 5) and comes with double white as standard and optional primer or varnish. The Jeti Titan HS has a flat-to-roll option offering the ability to print flexible media up to 3.2m (126") wide with the same high quality and resolution as on all rigid substrates.

Screen Truepress Jet W3200UV

A high quality flatbed UV printer, with high end features such as Nozzle Mapping, Automatic Cleaning, shuttered UV system, ink mist extraction system, etc. It is also equipped with lay pins for accurate and repeatable substrate registration and a zoned vacuum bed to reduce masking. The highest productivity of 85m² is using already 10 passes, giving an excellent sharp quality, flat tints and smooth vignettes.

The winner: Agfa Graphics Jeti Titan HS

Best high volume flatbed/hybrid printer

Nominated for an EDP Award by the Technical Committee:

Fujifilm / Inca Onset S50i

The new Onset S50i is the first printer based on Inca's new Onset Scalable Architecture. It shares that platform now with the longer excising S40i that now is built on the same base structure. It´s enabling users to upgrade the productivity and quality of their machines as they evolve and expand their businesses. The Inca Onset S50i features double density print heads, increasing the number of print heads to 56 per colour and so reducing the number of passes needed to print. New features include a new more intelligent lamp system to give more control of the shutter and therefore gloss settings and a print carriage with eight channels to allow for CYMK plus white plus lights, or double CYMK.

HP Scitex FB10000

With the HP Scitex FB10000 Press, print service providers can now meet peak demand with print capacity up to 625m²/hour and direct-to-board printing. The six-colour HP Scitex HDR printing system delivers high quality and great productivity along with dynamic dot-size control. Using HP Scitex HDR printing technology, the HP Scitex FB10000 Industrial Press combines 16-grey-level printing with the ability to produce 1,000 B1 sheets in less than two hours. HP Scitex HDR Printing Technology provides precision control over colour and tone for clarity of image detail, producing prints with the highest dynamic range. The ink is also scratch resistant. The sheet-board feeder has a very high accuracy and the operator is supported with a tool of automated tasks ,making his job easier.

> **The winner: HP Scitex FB10000 Press**

Best textile roll to roll printer

Nominated for an EDP Award by the Technical Committee:

Hollanders ColorBooster DS

It is the only textile printer that prints double-sided in one production run. Absolutely revolutionary: vertical print. Fixing and UV drying in same process. Brillant quality in flag printing.

Mimaki TX500-1800B

Mimaki made a step forward introducing the TX500-1800B for the fashion and soft furnishing markets. This printer offers a very good digital textile manufacturing solution. It can run with multiple ink types to print to cotton, polyester, hemp (linen) and rayon. Featuring an automated, belt-fed conveyance system, the Mimaki TX500-1800B is able to print direct to a broad range of natural and man-made fabrics, with a unique combination of both high quality and high production speeds. Capable of delivering long print runs.

The winner: Hollanders ColorBooster DS

Best direct garment textile printer

Nominated for an EDP Award by the Technical Committee:

Epson SureColor SC-F2000 DTG

The Epson SureColor SC-F2000 DTG sets a new standard in ease of use in this segment of the direct to garment marked. This printer will help to bring direct garment print to other areas and help the marked for direct to garment print to grow.

The winner: Epson SureColor SC-F2000 DTG

Best cut-sheet colour printer – light production

Nominated for an EDP Award by the Technical Committee:

Konica Minolta bizhub PRESS C1060/C1070

The new series comprises bizhub PRO C1060/C1070 and bizhub PRESS C1060/C1070/P. Konica Minolta has developed state-of-the-art devices suitable for every customer – from beginners to professionals. The bizhub PRO C1060/C1070 are perfect for print providers in an entry-level production environment. Both devices provide an easy transition into digital with features like entry-level finishing and an optional modular concept for highest colour consistency.

Ricoh Pro C5110S

The light production Ricoh Pro C5110S is a versatile choice for print rooms (CRDs) seeking high quality in-house print capability or digital as well as for digital and quick printers. Running at up to 80ppm, the small footprinted system handles a broad range of media making it ideal for on demand prestigious marketing material and direct mail.

Xerox Colour 570 Printer

The Xerox Colour 570 Printer makes it easier to produce a range of applications – from rugged polyester labels and signs, to window clings, menus and brochures – giving print service providers more ways to respond to their clients' needs and capture new business. The Xerox Colour 570 Printer is so versatile it can accommodate quick print shops, in-plant operations, agencies, small businesses and manufacturers with multiple needs and requirements.

The winner: Konica Minolta bizhub PRESS 1060/1070

Best cut-sheet colour printer – high production

Nominated for an EDP Award by the Technical Committee:

Xerox Colour 8250 Production Printer

The Xerox Colour 8250 Production Printer is a cost-effective, high-speed cut-sheet system designed to deliver high volume business-quality colour on uncoated paper. Streamline transactional workflows in high-production environments while reducing waste, process bottlenecks and time delays.

Xerox iGen 150 Press

Xerox's iGen 150 Press is equipped with a new 2400 x 2400 imaging system with VCSEL technology and 150, 180, 210, 250 line screens delivers more information per square inch – meaning improved detail, tighter, more uniform rosettes, and better sharpness. She offers a choice of line screens giving printers complete control over image quality so that each piece – regardless of quantity or elements such as photos, text, colours and images – looks consistent. It wides up the marked for high quality products like photobooks for a wider range of printers.

The winner: Xerox iGen 150 Press

Best label printing solution

Nominated for an EDP Award by the Technical Committee:

Epson SurePress L-6034VW

The Epson SurePress L-6034VW digital label press is Epson´s first single-pass industrial press, the first to use Epson´s new Precision-Core linehead technology and the first product to use Epson´s new LED-cured UV ink what makes it possible to print on heat-sensitive substrates with in-line digital varnish technology.

FFEI Graphium

The FFEI Graphium is a modular digital UV inkjet press with high opacity digital white for the production of labels, packaging and speciality print. Using some exciting building blocks FFEI built his own workflow around it and together with Fujifilm they came out with a new ink, the Uvijet Graphium UV curing ink.

Screen Truepress Jet L350UV

The Truepress Jet L350UV is a robust built single-pass UV inkjet printing system that delivers optimized label printing in 4c or 4c+white. This system provides great flexibility in meeting the increasing requirement for short run, rapid turnaround jobs with simplified processing. The Truepress Jet L350UV is equipped with a head cleaning function that simplifies maintenance.

The winner: Screen Truepress Jet L350UV

Best multi purpose object printer

Nominated for an EDP Award by the Technical Committee:

Mimaki Kebab Option

The Kebab option from Mimaki comes as an extra for the Mimaki UJF-3042HG/UJF-6042 printers. It allows rotating the object, to print on the entire surface of a cylindrical item. It delivers seamless 360 degree surface printing with simple steps. It can help the user to print on plastic, glass, aluminum, bottles, jars, and cans. It can be used to personalize cylindrical item give aways or make proofs for the packaging and bottle industry.

Roland DG VersaUV LEF-20

The LEF „magically" turns a plain object into a unique and highly personalised profitable item. Easy-to-use and compact, the Ver-saUV LEF prints text, photos, logos or other designs directly onto objects of up to 10 cm thickness. Using ECO-UV gloss, white and CMYK ink, the LEF can print onto an infinite variety of materials, for example, PET, ABS, polycarbonate, TPU, leather and textiles.

The winner: Mimaki Kebab Option

Best industrial printing solution

Nominated for an EDP Award by the Technical Committee:

EFI Creaprint C3

The third generation of their tile printer, the EFI Creaprint C3 is a very good example how one can make robust industrial inkjet printers that function in an industrial environment where the printing conditions are challenging.

The winner: EFI Creaprint C3

Finishing systems

Best commercial printing finishing system

Nominated for an EDP Award by the Technical Committee:

Duplo DC-646 PRO

The DC-646 PRO is the first in a new generation of slitter/cutter/creasers from Duplo. It works as three machines in one but in a much more effective and efficient way. It can produce a wide variety of finished applications such as business cards, greeting cards, clothing tags, boxes, T and L shaped perforated tickets and much more.
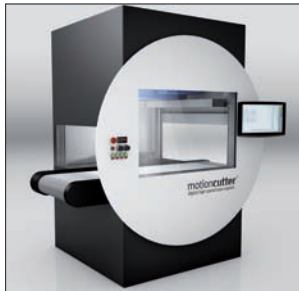
Kern 130 cutting line

The Kern 130 cutting line is a rotary cutter which runs off-line or on-line with continuous feed digital printers like those manufactured by Canon/Océ, Xerox/Impika, Screen, Ricoh etc... (ink jet or EP technologies). The Kern 130 cutter and its Kern 141 stacker converts printed continuous web into cut sheets and stacks at a speed up to 200 m/min. This patented cutter and stacker allow stack evacuation and stack offset without stoping the printing process thanks to its buffer. It has also a built-in function to sequence odd or even printed jobs without the need of an additional sequencer.

themediahouse motioncutter

It´s a very advanced laser-cutting systems with capability to process sheets with unique quality - without any burning traces . One could even think that it was done by engraving and not by laser. It can work inline with HP Indigo or other digital pressses. Of course it can work offline, too.

The winner: **themediahouse motioncutter**

Best large format finishing system

Nominated for an EDP Award by the Technical Committee:

Esko Kongsberg C

This new Kongsberg C-platform will keep Esko in the race and has several construction details that help to speed up the cut speed like the carbon composite traverse beam. It fits naturally in the Esko print and cut workflows developed for the packaging marked.
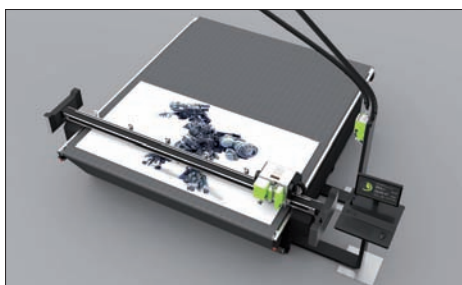
Zünd Sheet Feeder

High productivity and reliable automated material handling. Sheets of vinyl, carton or other dense paper goods are picked up with vacuum grippers and transferred from the loading table to the cutting surface. After processing, the cutter advances the cut materials and waste onto an off-load table. This fully automated workflow gives one the necessary tools for completing even big jobs quickly and efficiently.

Zünd Tandem Production

In this type of tandem or "pendulum" production, loading/unloading, occurs on one side, while cutting continues without interruption on the other. This setup increases workflow efficiency, keeps idle time to a minimum and maximizes throughput. With a tandem setup, the cutting surface is divided into two independently controllable vacuum areas, front and back. Each side is equipped with controls for turning the vacuum on/off and resuming production. Once material is placed in the working area, push the button to re-activate the vacuum and processing continues

The winner: **Esko Kongsberg C**

Ink/toner technologies

Best new ink technology

Nominated for an EDP Award by the Technical Committee:

HP 881 Latex ink

HP´s new 3rd generation Latex ink is a step forwards. The latex ink optimizer makes it possible to print on a wider range of media with a higher color saturation specially on textiles. It is scratch-resistant if one prints on a smooth surface. It cures with a lower temperature what makes it possible to print on temperature sensitive media. It make the cure process also more energy sufficient.

Mutoh DS2 transfer and direct sublimation inks

Mutoh's water-based DS2 Universal Transfer and Direct Sublimation inks are developed specifically for the latest 1638WX print heads, the inks offer excellent nozzle stability for high speed and high volume printing and will produce perfect image sharpness and definition. Transfer is possible onto polyester fabrics, mixed fibre fabrics or onto polyester coated objects. The Mutoh DS2 inks are odourless free of VOC and compliant with ÖKO TEX standard 100.

The winner: **HP 881 Latex ink**

Best environmental ink technology

Nominated for an EDP Award by the Technical Committee:

Agfa Graphics ALTAMIRA Pack LM

Low Migration (LM) UV-curable inkjet inks for printing direct on primary food packaging (food or beverage container) and for printing on labels, blister foils, lids etc for food and pharma packaging applications. These LM inks are based on specific chemical formulations, compliant with legislations, and able to deliver food safe solutions together with correct use in print system and customized towards specific foods and packaging materials.

SunJet LM inkjet solution

The SunJet Low Migration UV inkjet inks, first shown with the Durst Tau 330, comply with the required components listed in Annex 6 of the Swiss Ordinance, Nestlé standards on materials in contact with food and Nestlé Guidance note on packaging inks.

The winner: **Agfa Graphics ALTAMIRA Pack LM**

Substrates

Best self adhesive substrate for print

Nominated for an EDP Award by the Technical Committee:

Hexis HX190WG2 (digital printing vinyl)

This Hexis substrate has an extra layer that blocks the solvents in the ink interfering with the adhesive at the back. So one can print with thicker layers of ink and reach a more saturated print with no risk that the solvent in the ink changes the properties of the adhesive

Neschen Solvoprint EASY FIX 180 MSP

The 180 mikrometer Neschen Solvoprint EASY FIX 180 MSP monomeric soft-PVC film solvoprint easy fix 180 MSP is the latest generation of quick and easy-to-apply self-adhesive print media. Due to its stiffness and high material strength, it can be applied just as easily, and without bubbles and wrinkles, as the media based on Neschens tried-and-tested dot technology. It has a high covering property (the opacity has been improved) and an optimized white tone. The self-adhesive film is ideal for indoor applications and short-term outdoor applications.

The winner: Hexis HX190WG2 (digital printing vinyl

Best non adhesive rollmedia

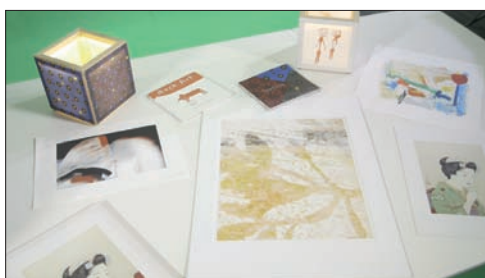Nominated for an EDP Award by the Technical Committee:

Epson Japanese Kozo Paper Thin

It´s a a bit a niche product but we like the idea that one can make a good quality print on just 34 gr/m² of paper. Specially since it is a very strong paper using the Kozo fibers.

Folex-Regulus SI 448

Folex-Regulus SI 448 is a new backlit. Key feature is a very quick dry, fast ink absorption coating allowing printers to print „real" roll to roll production speeds, so backlits are ready to deliver in the tight deadlines required. The satin, front printable structured surface provides a vibrant, brilliant impression to any backlit display. The film is suitable for solvent, eco/solvent, latex and UV ink..

The winner: Epson Japanese Kozo Paper Thin

Best self adhesive substrate non print

Nominated for an EDP Award by the Technical Committee:

Hexis HFLEX100P

The Hexis coloured flex film is thinner and more flexible than others films used for textile marking. It is made for use in cutting plotters and thermal transfer on cotton, polyester and lycra textiles. It is made out of a polyurethane film, uses a water based emulsion without any solvents and does not contain any plasticizers. The thermal transfer does not produce any toxic fumes.

The winner: Hexis HFLEX100P

Best rigid substrate

Nominated for an EDP Award by the Technical Committee:

3A Composites KAPAtech

KAPAtech is a new lightweight foamboard of 3A Composites. The composition of polyurethane foam and aluminum skins combines light weight with rigidity. Moreover, KAPAtech is euroclass B certified; it is the first KAPAboard in the category "difficult to ignite". KAPAtech offers perfect characteristics for a lot of applications in visual communication for exterior as well as for interior use.

Hexacom Falconboard Print All White

Falconboard Print All White is a new all white version of the original Falconboard. It is ideal for demanding wide-format, digital printing applications, the rigid structure is an "all white" version of the company's original Falconboard Print and features a solid bleached sulphate white core and liner. Falconboard's paper-based construction also offers multiple advantages over petroleum-based (polyethylene, polystyrene or polyvinyl chloride) foam boards.

The winner: 3A Composites KAPAtech

Best textile substrate

Nominated for an EDP Award by the Technical Committee:

> ## DHJ International DecoprintPearl

DecoprintPearl, produced by DHJ International of France, is around for some time. Getting the Oeko-Tex Standard 100 and as an extra also the EUROCLASSE DIN 13501-1 certificate now widens up the marked. Pearl delivers high impact graphics & backlits. For indoor & short term outdoor applications. Can be printed on the coated side with solvent or UV ink and printed on the polyester side with dye inks. It can run really fast on the lasted generation roll to roll UV printers.

Epson Exhibition Natural Satin Canvas

The Epson Exhibition Natural Satin Canvas has been designed for displaying high-end works such as portrait photography and fine art. Because Epson do not use any optical brightener agent here, the yellowing effect over time is minimized. The canvas has a smooth texture and is ph neutral and is compatible with Epson photoprinters.

The winner: DHJ International DecoprintPearl

Best digital special effect

Nominated for an EDP Award by the Technical Committee:

iFOIL by MGI

Opens the doors to digital embossing and hot foil stamping with JET varnish 3D and iFOIL solution. iFOIL eliminates the need for films, dies and makeready, allowing to produce hot foil stamping and embossing jobs from one to thousands of sheets. Easy to use, iFOIL works in-line with the JET varnish 3D digital spot UV coater. A software suite allows users to easily understand and modify layouts. iFOIL uses standard market foil rolls.

SwissQprint 3D Moiré Effect

Think of lenticular images but think differently! While common lenticular images are printed onto special lenticular media the SwissQprint process produces on flat media the print as well as the lenses. The effect: really surprising!

The winner: SwissQprint 3D Moiré Effect

The EDP Award winners 2012/2013

Best web to print solution
Agfa Graphics :Apogee StoreFront

Best special application solution
HP WallArt Solution

Best workflow management solution
Zünd Cut Center 2.0

Best personalization/variable data software
ColorGate VDP Creator

Technical Committee Award Software
Adobe Creative Cloud

Best new generation solvent ink technology
Roland DG Eco-Sol MAX 2

Best environmental substrate
3M Envision Wrap Films 480Cv3

Best wide format roll to roll up to 1.6 m
Epson SureColor SC-S 70600 signage printer

Best wide format roll to roll printer 1.6 m +
EFI R3225

Best UV curable flatbed printer up to 200 K Euro
Mimaki JFX500-2131

Best UV flatbed printer up to 200 K Euro
Screen Truepress Jet 1632 UV

Best hybrid UV printer 200 K Euro +
Durst Rho P10 250

Best wide format textile printer
Mutoh ValueJet 1638 W

Best multi-functional printer
Xerox D95/D110/D125 Copier/Printer

Best production web fed printer
Impika iPrint Compact

Best production cut-sheet printer – light production
Ricoh C901/C901S Graphic Arts+

Best production cut-sheet printer – high production
Konica Minolta bizhub PRESS 1250 series

Best B2 printer
Hewlett Packard Indigo 10000

Best industrial special application printing solution
Palis SP750

Best inprint on conventional press
Industrial InkJet Digital Label Module „i" Series

Best digital integration for screen printing
Kornit Paradigm

Best production printing finishing
Highcon Euclid

Best finishing flatbed system
Zünd G3 Move-it

Entries to the EDP Awards 2013/2014

Category	Manufacturer & product name	Final vote by EDP General Assembly
SOFTWARE		
Best cross media solution	Ricoh Clickable Paper	No award in this catagory
Best editorial solution	ppi Media Content-X	No award in this category
Best layout & design solution	Zünd Design Center	No award in this category
Best variable data solution	appsoft Xeditor	No award in this category
Best xml-first solution	appsoft X-editor	No award in this category
Best design/layout/editorial solution	**appsoft Xeditor**	**Nominee / Winner**
	GMC Inspire Dynamic Statement	**Nominee**
	ppi Media Content-X	**Nominee**
	ppi Media OM Portal	
Best wide format software solution	Agfa Graphics Asanti	No winner in this category
Best cloud based software solution	XMPie Circle	No winner in this category
Best special application solution	**Ricoh Clickable Paper**	**Nominee / Winner**
	EFI SmartSign Analytics	**Nominee**
	XMPie Circle	**Nominee**
	EFI IQuote	
	Taopix Online Designer	
	Zünd Design SoftwareCenter	
Best RIP solution for all applications	ColorGATE Productionserver 8	No award in this category
Best RIP solution for wide format	Fiery XF Version 5 Production	No award in this category
	Caldera Version 9.20 GrandRIP+	
	Agfa Graphics Asanti	
Best RIP solution	**ColorGATE Productionserver 8**	**Nominee / Winner**
	EFI Fiery XF Version 5 Production	
	Caldera Version 9.20 GrandRIP+	
	Agfa Graphics Asanti	
Best workflow and estimating system	EFI IQuote	No award in this category
Best workflow management solution	**Agfa Graphics Asanti**	**Nominee / Winner**
	EFI Complete Integrated Workflow for Inkjet	**Nominee**
	Canon Prisma Production 5.0	
	Xerox FreeFlow Core	

Best web to print solution	EFI Digital StoreFront 7.0	Nominee / Winner
	Agfa Graphics Asanti	Nominee
	ppi Media OM Portal	
HARDWARE		
Best quality assurance system	LacunaSolutions Smart Lightning System	No award in this category
Best print support tool	LacunaSolutions Smart Lightning System	Nominee / Winner
	Elitron Heleva	Nominee
PRINTING SYSTEMS		
Best print head technologie	Xaar 1002	No award in this category
	Durst Rho 312R	
	Durst Rho 512R	
Best automatic sheet feeder	Elitron Heleva	No award in this category
Best wide format printer up to 1,6 m	Canon image PROGRAF iPF6400SE / iPF8400SE	No award in this category
	Mimaki JV33 Series with MAPS	
	Mimaki UJV-160	
	Seiko SII Color Painter M-64 S	
	Xerox Wide Format IJP 2000	
Best wide format printer 1,6 m +	Canon image PROGRAF iPF6400SE / iPF8400SE	No award in this category
	Mimaki JFX200-2513	
	Roland DG SOLJET PRO4 XF-640	
	Screen Truepress Jet W3200UV	
Best superwide format printer 3 m +	Agfa GraphiJeti Titan HS	No award in this category
	Durst Rho 312R	
	Durst Rho 512R	
	HP Latex 3000	
Best wide format roll to roll printer up to 1,6 m	Xerox Wide Format IJP 2000	Nominee / Winner
	Mimaki UJV500-160	Nominee
	Roland DG SOLJET PRO4 XF-640	Nominee
	Canon image PROGRAF iPF6400SE / iPF8400SE	
	Mimaki JV33 Series with MAPS	
	Mutoh ValueJet 1638X	
	Roland DG VersaCAMM VS-i series	
Best wide format roll to roll 1,6 m +	Agfa Graphics Anapurna M3200 RTR	No award in this category
	Durst Rho 312R	
	Durst Rho 512R	
	Roland DG VersaCAMM	
	Roland DG VS-i-series (640i, 540i, 300i)	
Best super wide format roll to roll 3 m +	Durst Rho 512R	Nominee / Winner
	Durst Rho 312R	Nominee
	HP Latex 3000	Nominee
	Agfa Graphics Anapurna M3200 RTR	

Best UV inkjet printer	Mimaki UJV500-160	No award in this category
Best UV flatbed printer under 100 K Euro	Vremena Goda BigPrinter UV2033PM	No award in this category
Best flatbed/hybrid printer up to 200 K Euro	**Mimaki JFX200-2513**	**Nominee / Winner**
	Vremena Goda BigPrinter UV2033PM	
Best flatbed/hybrid Printer 200 K Euro +	**Agfa Graphics Jeti Titan HS**	**Nominee / Winner**
	Screen Truepress Jet W3200UV	**Nominee**
Best High volume flatbed/hybrid printer	**HP Scitex FB10000**	**Nominee / Winner**
	Fujifilm / Inca Onset S50i	**Nominee**
Best wide format textile printer	Durst Rhotex 322	No award in this category
	Mimaki TX500-1800B	
	Mutoh Valuejet 1638wx	
Best textile roll to roll printer	**Hollanders ColorBooster DS**	**Nominee / Winner**
	Mimaki TX500-1800B	**Nominee**
	Durst Rhotex 322	
	Mutoh Valuejet 1638wx	
Best direct garment textile printer	**Epson SureColor SC-F2000 DTG**	**Nominee / Winner**
Best high end multi-functional printer	Roland DG VersaUV LEF-20	No winner in this catagory
Best cut-sheet monochrome printer	Ricoh Pro 8100S series	No winner in this catagory
	Xerox D136 Copier/Printer and Printer	
Best cut-sheet colour printer - light production	**Konica Minolta bizhub PRESS C1070**	**Nominee / Winner**
	Ricoh Pro 5110S	**Nominee**
	Xerox Colour 570 Printer	**Nominee**
	Heidelberg Linoprint C901	
	OKI ES9541	
Best cut-sheet color printer - high production	**Xerox iGen 150 Press**	**Nominee / Winner**
	Xerox Colour 8250 Production Printer	**Nominee**
	Kodak Nexpress with Gold solution	
	Xerox iGen 4 Diamond Edition	
Best web fed photographic printer	Lumejet S200	No award in this category
Best production highspeed inkjet system	Kodak Prosper 5000 XLi	No award in this category
Best inprint/special solutions system	Kodak Prosper S30 Imprinting System	No award in this category
Best label printing solution	**Screen TruePress Jet L350UV digital label press**	**Nominee / Winner**
	Epson SurePress L-6034VW	**Nominee**
	FFEI Grafium	**Nominee**
	HP Indigo 6600	

Best industrial printing solution	**EFI Cretaprint C3**	**Nominee / Winner**
	HP Scitex FB10000	
	Industrial Inkjet IIJ MonoPrint	
	SPGPrints DSI UV Inkjet Labeling Solution	
Best speciality printing solution	swissQprint 3D Moiré Effect	No award in this category
	OKI ES9541	
Best multi purpose object printer	**Mimaki Kebab Option**	**Nominee / Winner**
	Roland DG VersA uv LEF-20	**Nominee**
	OKI ES9541	
FINISHING SYSTEMS		
Best best/innovative finishing system	iFOIL by MGI	No award in this category
	Mimaki Kebab Option	
	themediahouse motioncutter	
Best inline finishing system	Renz Inline 360	No award in this category
Best offline finishing system	themediahouse motioncutter	No award in this category
Best sheetfed offline finishing system	Caslon Limited Zip-TS2L	No award in this category
	Duplo 150 Digital Booklet System	
	Zünd Sheet Feeder	
Best commercial printing finishing system	**themediahouse motioncutter**	**Nominee / Winner**
	Duplo DC-646PRO	**Nominee**
	Kern 130 cutting line	**Nominee**
	Duplo PrintBind KB4000 PUR	
	Duplo 150 Digital Booklet System	
	Caslon Limited Zip-TS2L	
Best wide format finishing system	**Esko Kongsberg C**	**Nominee / Winner**
	Zünd Sheet Feeder	**Nominee**
	Zünd Tandem Production	**Nominee**
	Elitron Kombo TH	
Best pre- and postequipment for continuous feed	Kern 130 cutting line	No award in this category
Best 2 in 1 closed tank binder	Duplo PrintBind KB4000 PUR	No award in this category
INKS & TONER		
Best water based ink technology	Mutoh DS2 transfer and direct sublimation ink	No award in this category
	Mimaki LX-101	
Best UV ink technology	Agfa ALTAMIRA Pack LM	No award in this category
	SPGPrints DSI UV Inkjet Labeling Solution	
Best solvent ink technology	Seiko SII Color Painter M-64 S SX ink	No award in this category
Best alternative ink technology	Agfa Graphics Conductive Nanosilver Ink	No award in this category

Best new ink technologie	**HP 881 Latex ink**	**Nominee / Winner**
	Mutoh DS2 universal transfer and direct sublimation inks	**Nominee**
	Agfa Graphics Conductive Nanosilver Ink	
	Mimaki LX-101	
	Seiko SII Color Painter M-64 S SX ink	
	SPGPrints DSI UV inkjet label printer	
Best environmental ink technologie	**AgfaGraphics ALTAMIRA Pack LM**	**Nominee / Winner**
	Sun Chemical SunJet LM inkjet solution	**Nominee**
SUBSTRATES		
Best self adhesive substrate for print	**Hexis HX190WG2 (digital printing vinly)**	**Nominee / Winner**
	Neschen Solvoprint EASY FIX 180 MSP	**Nominee**
Best special application substrate	Folex Regulus SI 448	No award in this category
Best non adhesive rollmedia	**Epson Japanese Kozo Paper Thin**	**Nominee / Winner**
	Folex Regulus SI 448	**Nominee**
Best self adhesive substrate non print	**Hexis HFLEX100P**	**Nominee / Winner**
	Hexis HX30BAGANB Anthracite	
Best foarmboard substrate	3A Composites KAPAtech	No award in this category
Best carton substrate	Hexacom Falconboard Print All White	No award in this category
Best honeycomb substrate	Hexacom Falconboard Print All White	No award in this category
Best rigid substrate	**3A Composites KAPAtech**	**Nominee / Winner**
	Falconboard Print All White	**Nominee**
Best textile substrate	**DHJ Intermational DecoprintPearl**	**Nominee / Winner**
	Epson Exhibition Natural Satin Canvas	**Nominee**
	Euromedia Flow Tex FR	
Best speciality substrate	Epson Japanese Kozo Paper Thin	No award in this category
Best flex film for textile marking	Hexis HFLEX100P	No award in this category
Best coloured textured seld adhesive film	Hexis HX30BAGNB Antracite Tungsten	No award in this category
Best digital special effect	**SwissQprint 3D Moiré Effect**	**Nominee / Winner**
	iFOIL by MGI	**Nominee**

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