

**FPPA
Annual Conference
March 2-4, 2014**



**Flexographic Pre-Press
Platemakers Association**

Digital Printing- Why its Critical



solutions. integration. distribution.

FPPA Talking Points

Introduction-
The History

Evolution by
Perspective

The Future
of Platemaking

FPPA
Outlook
2 Yrs

FPPA
Outlook
5 Yrs

FPPA
Introduced
17 Years
ago



Evolution by
Perspective



pre to 1985
Opti-copy
Typesetting
Macintosh
Hell/Crossfield
d

1985-2000
DI & Indigo
Wide Format
CCD/CAD
CTP/Color

2000 - 2010
Inkjet
Toner
Variable Data
INTERNET

2010 - 2015
Automation
Efficiencies
Sustainability
Maturity?



Today

The Industry continues to evolve. There is a future state where “platemaking” will become less relevant as the emerging technologies of affordable and high quality digital technologies/presses continues to advance.

A man in a dark pinstripe suit, blue shirt, and red tie is standing in the ocean surf. He is holding a mobile phone to his ear with his right hand and has his left hand in the water. The background shows waves crashing. On the right side of the image, there is a list of printing technologies. In the top left corner, there is a green circle containing text.

The Future
of Prepress
& Platemaking

CTP Digital Plates

Inkjet Film imagers

Exposure Technologies

Screening Technologies

Resolution Technologies

Extended Gamut

Wide Format Printing

Digital Printing

We know Prepress... We know Plates...

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Outlook
2 Yrs

Where do we want to go....

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Outlook
2 Yrs

CTP Devices

ESKO 

1712
2120
2420
2530
4835
4260
5080

XEIKON

TFX 18 x20
TFX 20 x25
TFX 30 x25
TFX 48 x35
TFX 60 x42
TFX 80 x50

SCREEN

FX870II
FX1200
FX1524

XITRON

HYBRID
SOFTWARE

EQUIOS
Universal Workflow

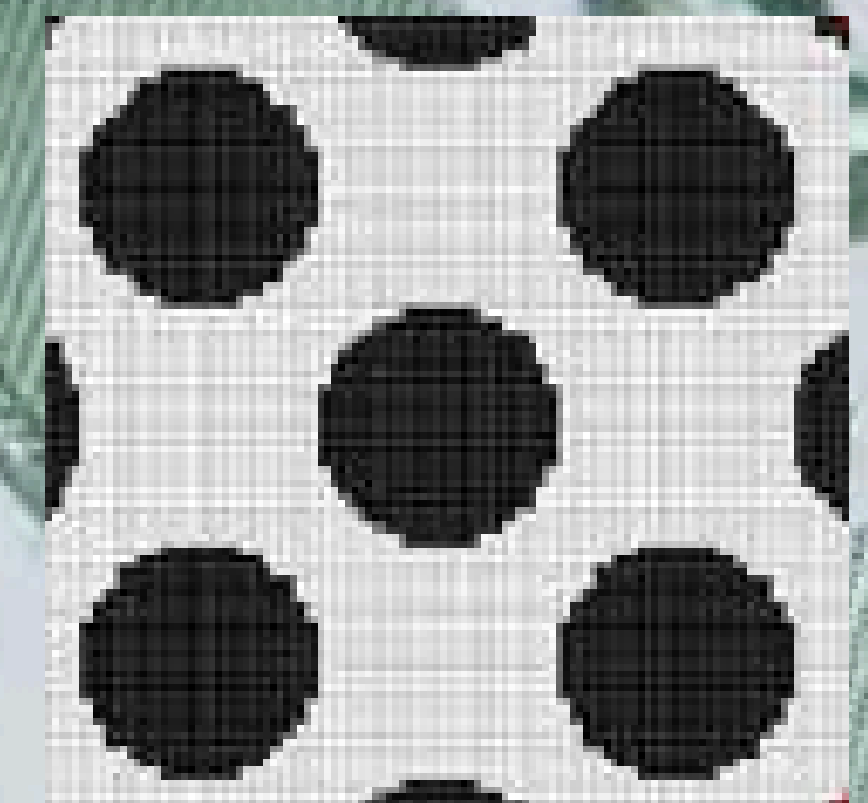
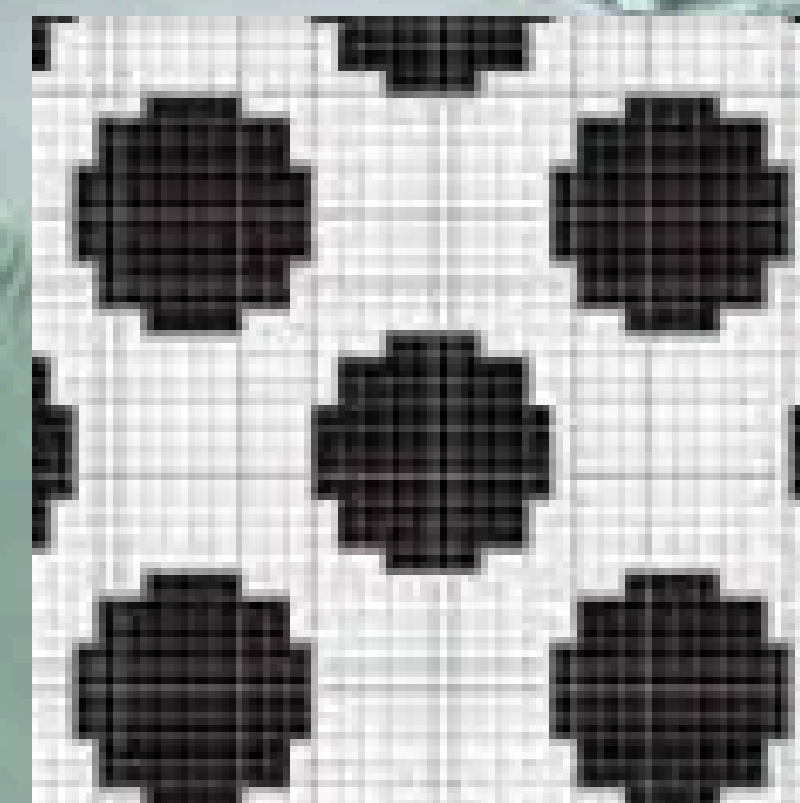
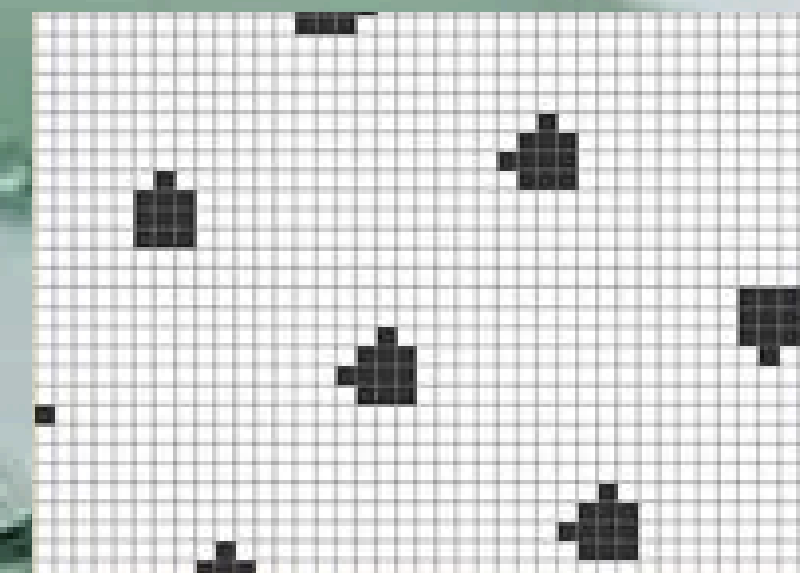
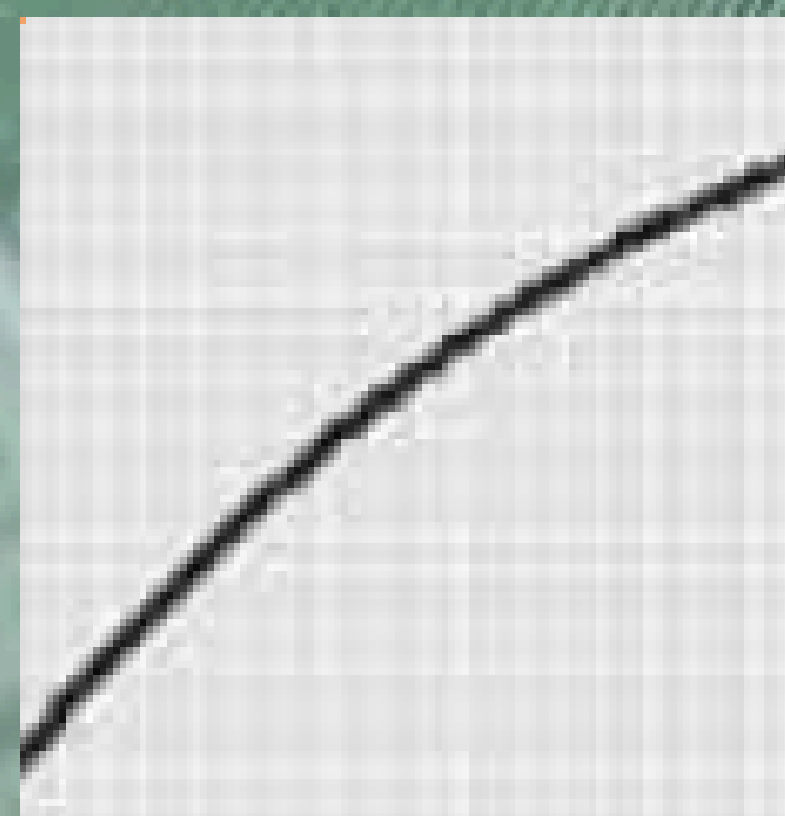
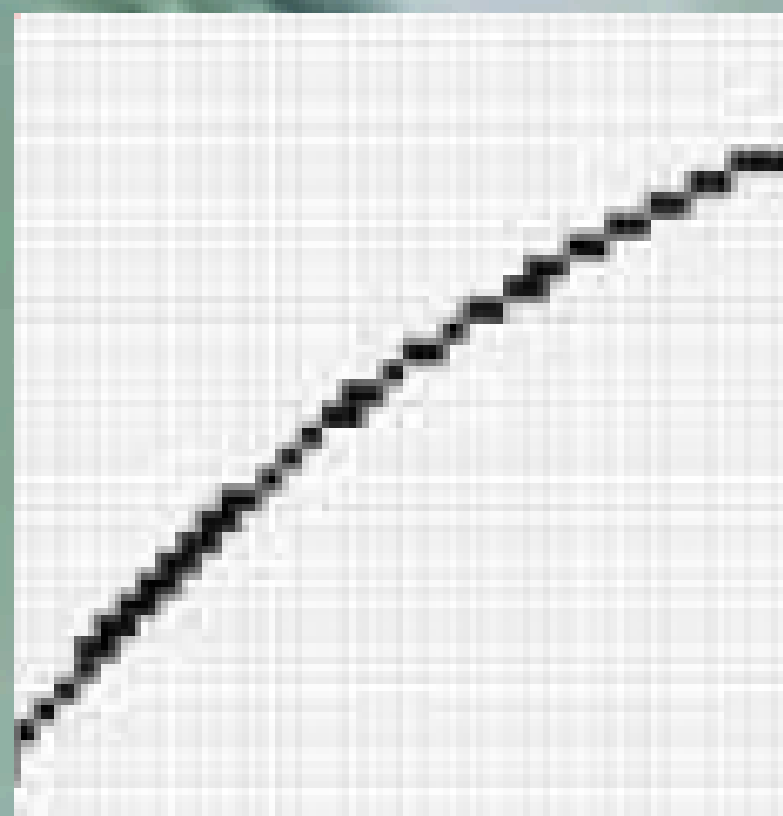
CTP Automation



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Gray levels*	2540ppi	5080ppi
Screen ruling		
150lpi (60l/cm)	287	1144
175lpi (70L/cm)	211	842
200lpi (80L/cm)	161	645

Esko 4000-10,000dpi*
Screen FX 4800dpi
Xeikon ThermoFlexX 5080dpi

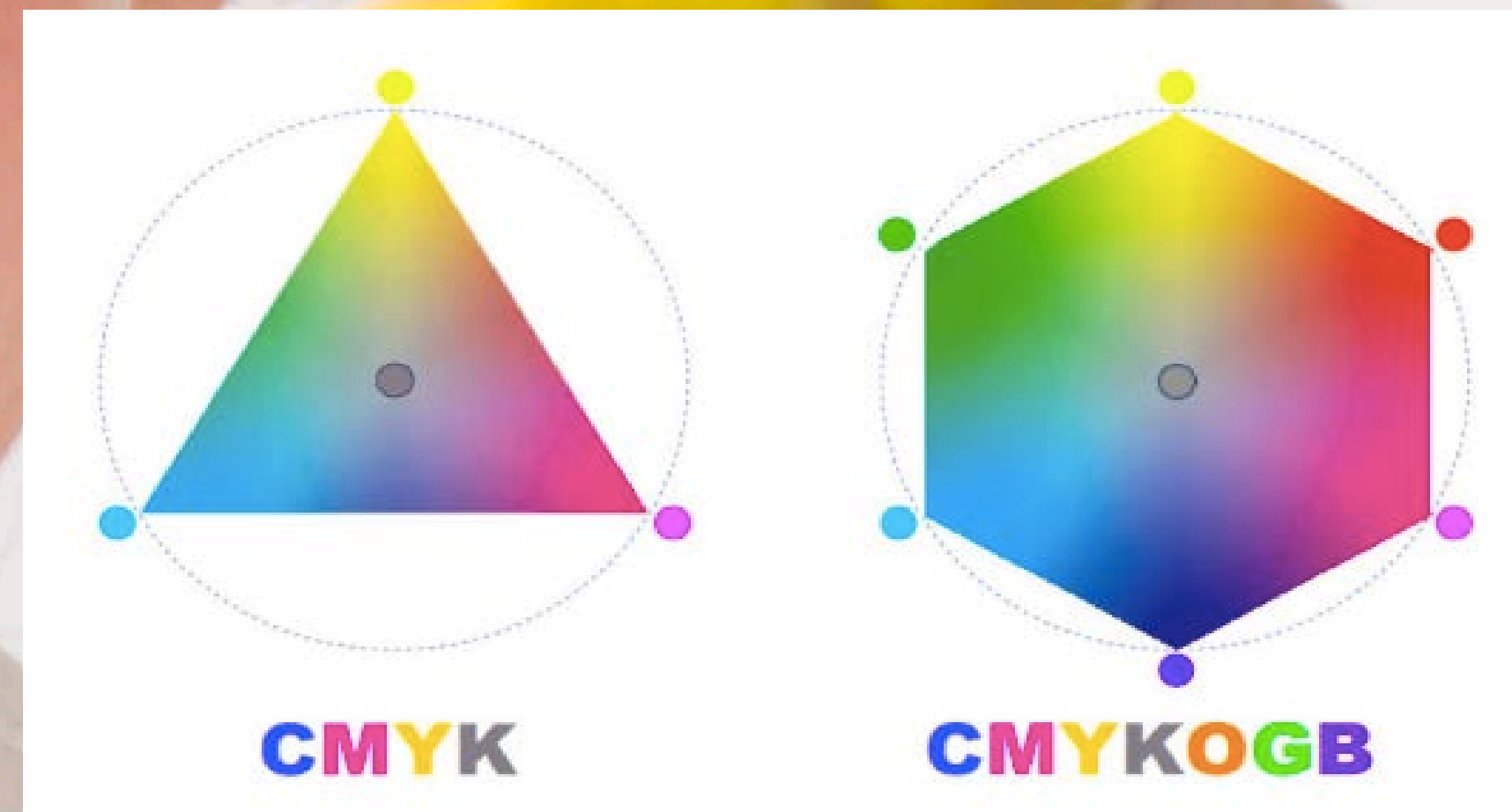


HD/HR Resolution

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2 Yrs



Extended
Gamut
Printing



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2 Yrs

Technical areas
and vector elements

Pantone Green C 65%

Yellow 100%

Correct reproduction of
process and spot colors
when printed together



Pantone Reflex Blue
Pantone Orange
Pantone Green C

Cyan
Magenta
Yellow
Black

Correct reproduction
of process and spot
colors when printed
together

Image separation
for broader
color gamuts

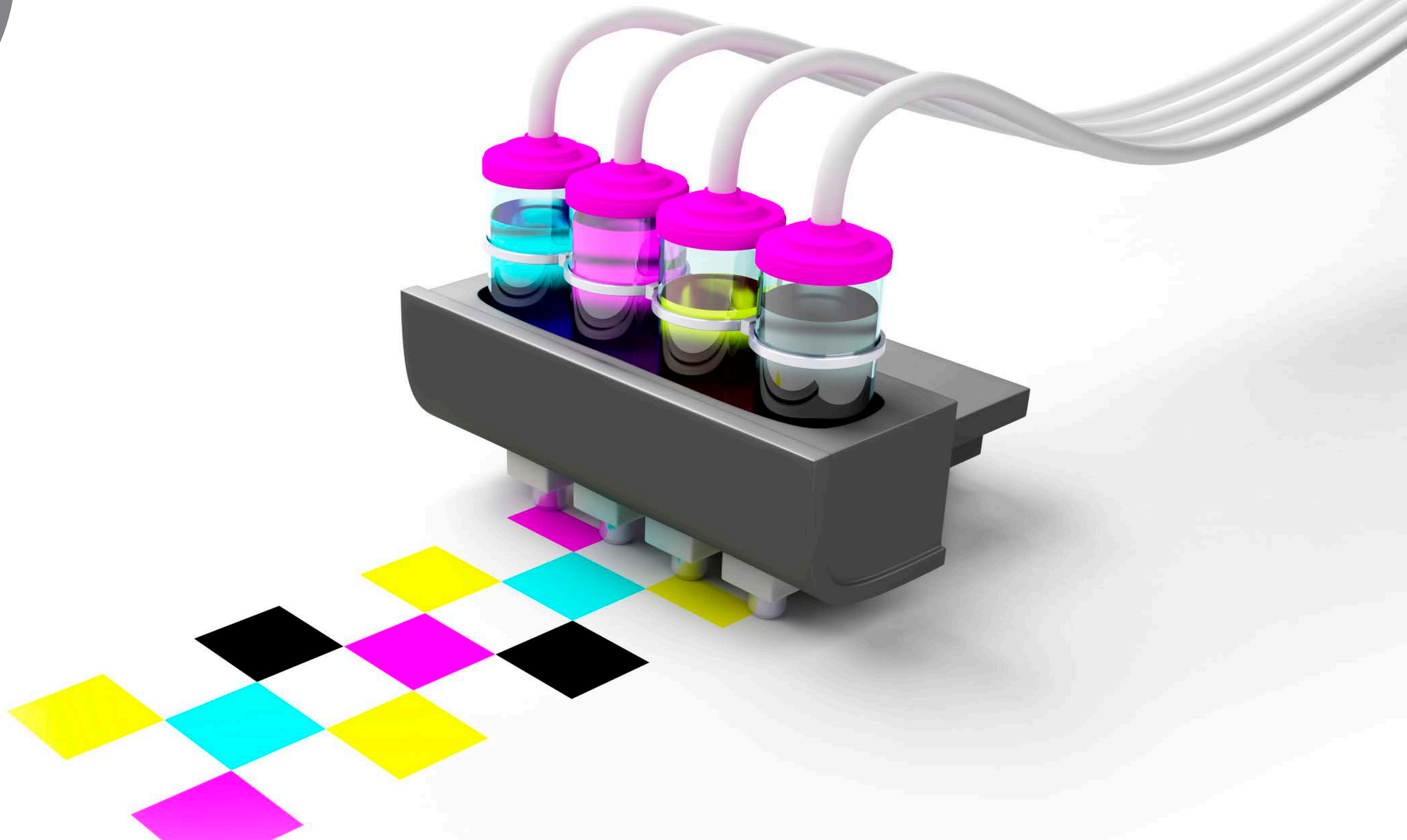


FPPA
Outlook
2 Yrs

Excelagraphix 4200

Powered by 
memjet.

FPPA
Outlook
5 Yrs

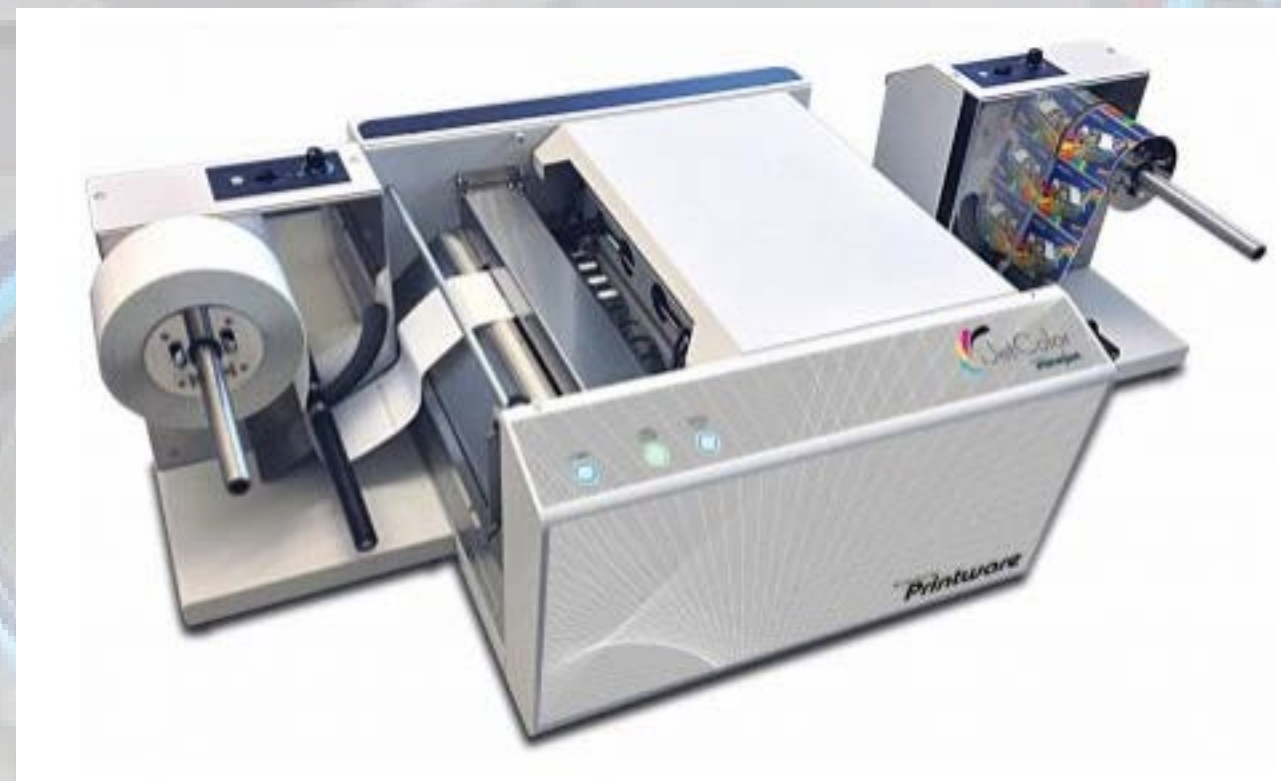


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5 Yrs

Wide-Format Inkjet



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5 Yrs



Inkjet Digital Press

ULTRA HIGH SPEED WIDE FORMAT INKJET **Excelagraphix 4200P**
Powered by **memjet**

PRINT THICK. Up to 5/8" thick
Up to 42" wide x 8' long **PRINT BIG.**
PRINT FAST. Up to 12" per second
SCREAMING FAST!

MUST SEE 'EMS' PRINT 13

A large-format inkjet printer, the Excelagraphix 4200P, is shown printing a large, colorful label. The label features a circular logo with a sunburst design and the text 'Excelagraphix 4200P'. The printer is black and silver, with a large roll of paper being processed.

FPPA
Outlook
5 Yrs



Toner Digital
Press



Tradeshop of 2015

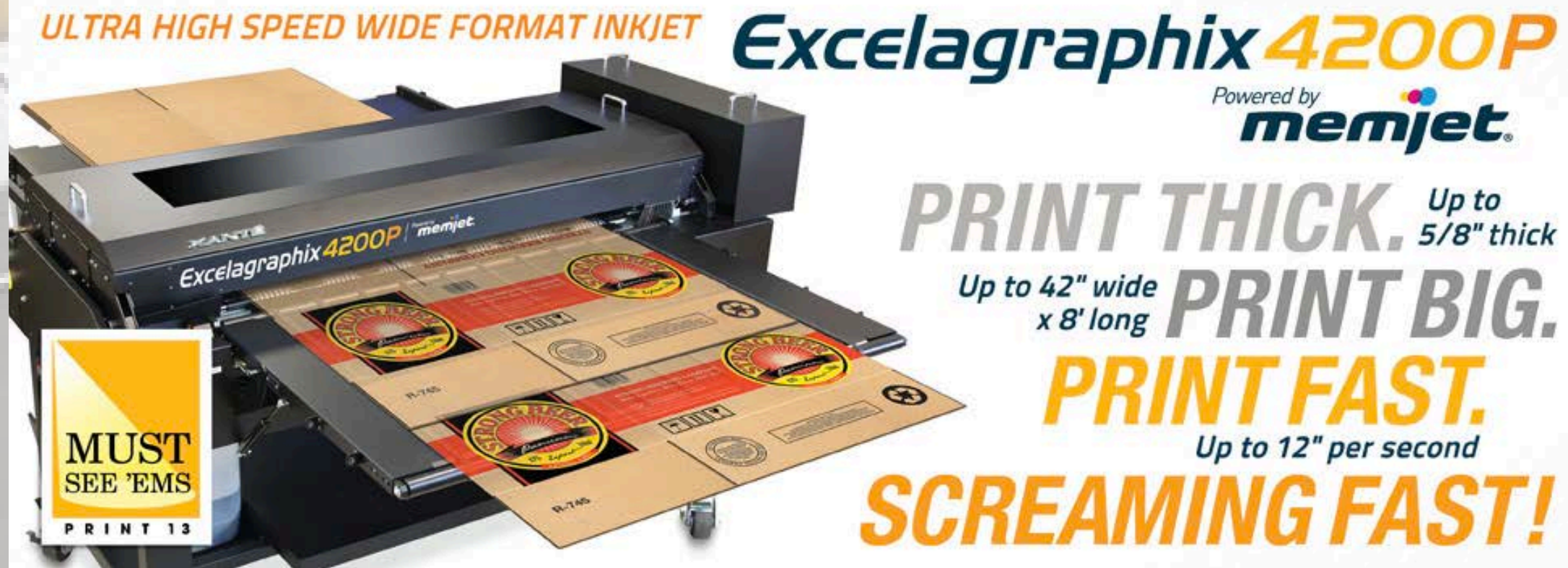


Tradeshop of 2015

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MUST SEE 'EMS
PRINT 13

The image shows a large industrial inkjet printer, the Excelagraphix 4200P, in the process of printing a large cardboard box. The box is covered in a repeating pattern of a circular logo. The printer is black and has a large roll of cardboard being fed into it. The background is a blurred image of a trade show floor.

We Value Our Partnerships

ThermoFlex^X

ESKO 

spgprints

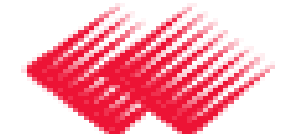
gmg^{color}

efi^{print to win.}

EPSON

 Roland

XANTÉ


WASATCH
COMPUTER TECHNOLOGY

XEIKON

HYBRID
SOFTWARE

SCREEN(USA)

OKI proColorTM

memjet[®]

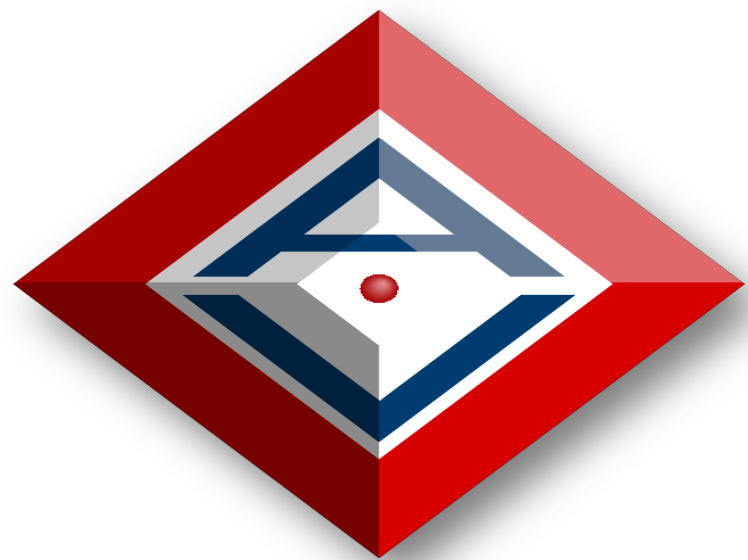
XITRON[®]

Kompac

Austik[✓]

TECH
CENTRA^{hs}
DIGITAL FINISHING SYSTEM

Thank you!



**ANDERSON &
VREELAND INC.**

The Future of Flexo

www.andersonvreeland.com

Lee Zerfass
Digital Business Manager