

WhatTheyTh!nk

Presented By :
David Zwang



TECH OUTLOOK: LABELS & PACKAGING

August 26, 2026

Get the most out of this webinar...



**Send us your questions
during the webinar**

*Please use the Q&A box instead
of Chat box to ask questions*



**Video and audio archive will be
available later today along with
PDF of slides**



let's make **versatility** the default

Achieve performance and sustainability in digitally printed labels and packaging applications with a full range of water-based coating solutions:

- print-receptive primers
- oxygen and moisture barriers
- water, oil, and grease resistance
- mar and scratch resistance
- low temperature heat seal



Learn more at
mchl.mn/wttweb26

REFERENCE DESIGN FOR DIGITALLY PRINTED COMPOSTABLE* BARRIER PAPER



Bio-based OPV + MVTR: Nuvita® Life

Ink: HP Indigo ElectroInk

Primer: DigiPrime®

Substrate: Paper

Bio-based Heat Seal: Nuvita® Life

*Recyclability and/or compostability of final structures depends on many factors and must be independently validated per application.



Visit Michelman at LOUPE Americas in Hall D, Booth #3133

TECHNOLOGY AND THE PACKAGING REVOLUTION

Market Shifts

Labor Challenges

Digitalization

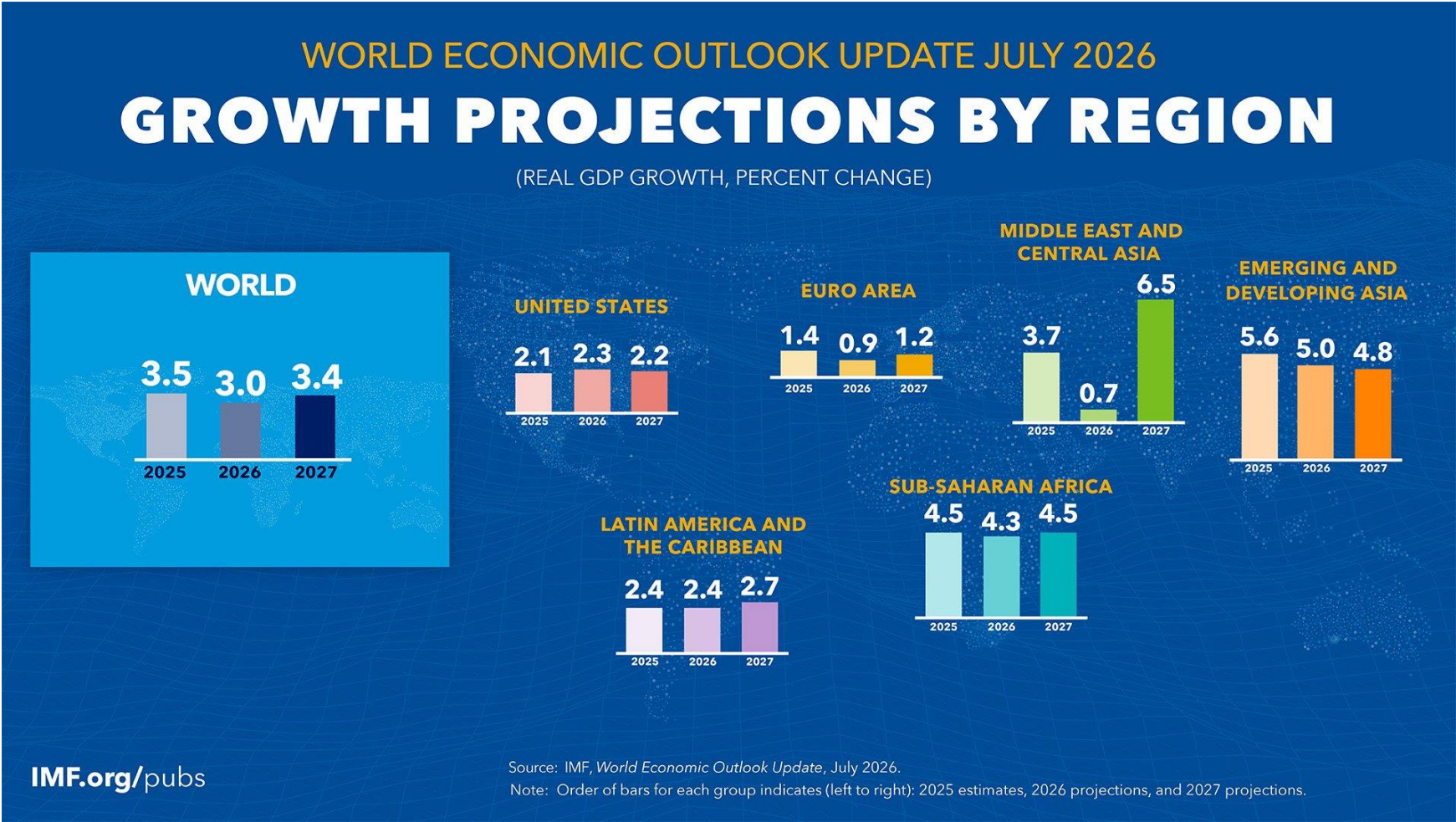
Sustainability

Connected Process
Automation

Other

- Tariffs
- Regional Conflicts
- Energy Costs

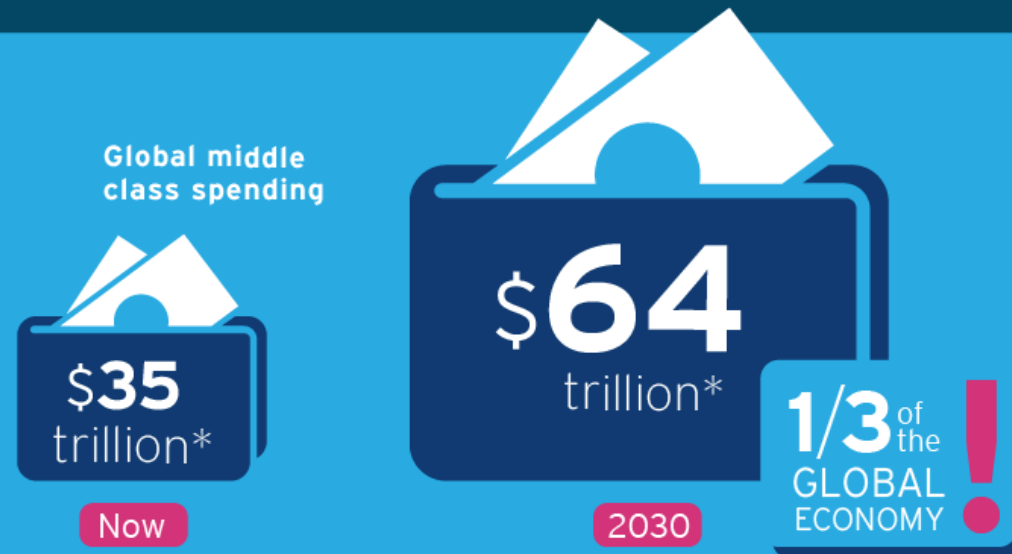
GLOBAL ECONOMIC DRIVERS



RECORD EXPANSION OF CONSUMERISM

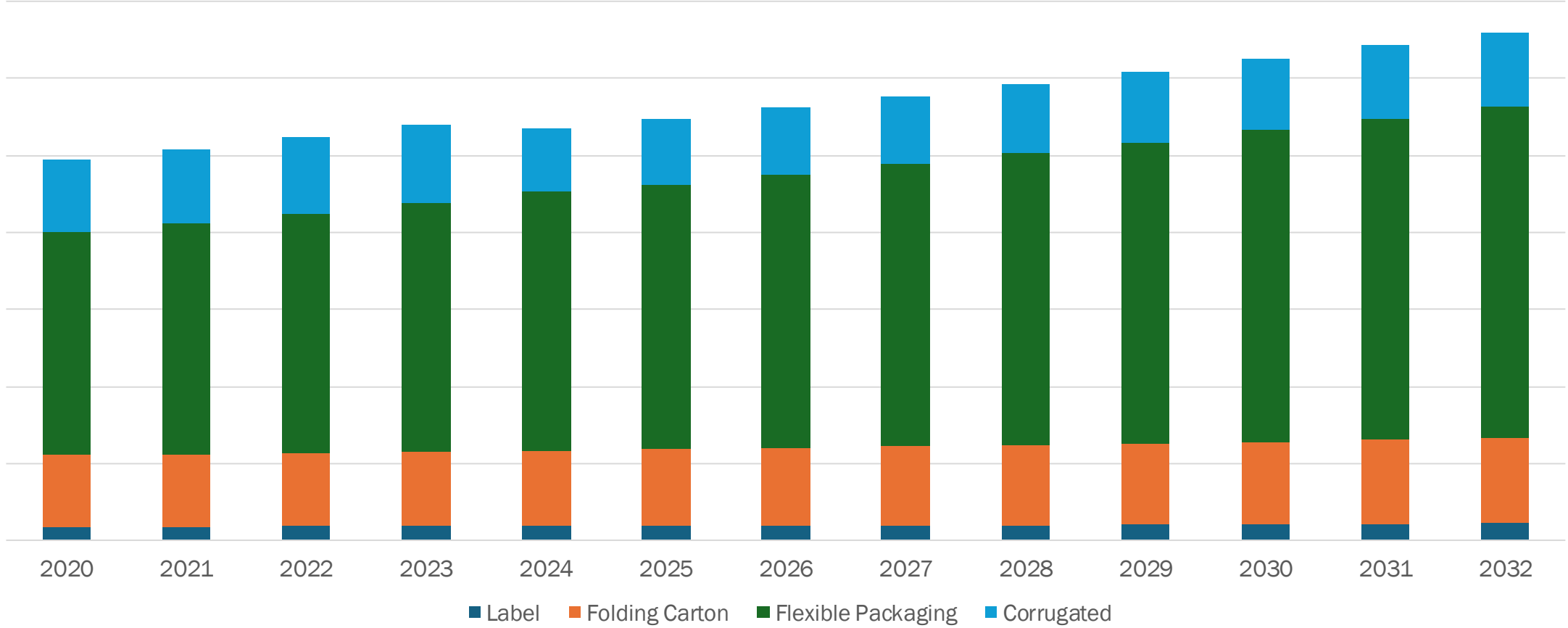
The middle class will spend
\$29 trillion more per year by 2030

Globally, the middle class is already spending \$35 trillion, and could spend \$29 trillion more by 2030, accounting for roughly 1/3 of the global economy. The market for middle class consumption could grow faster than global GDP growth.

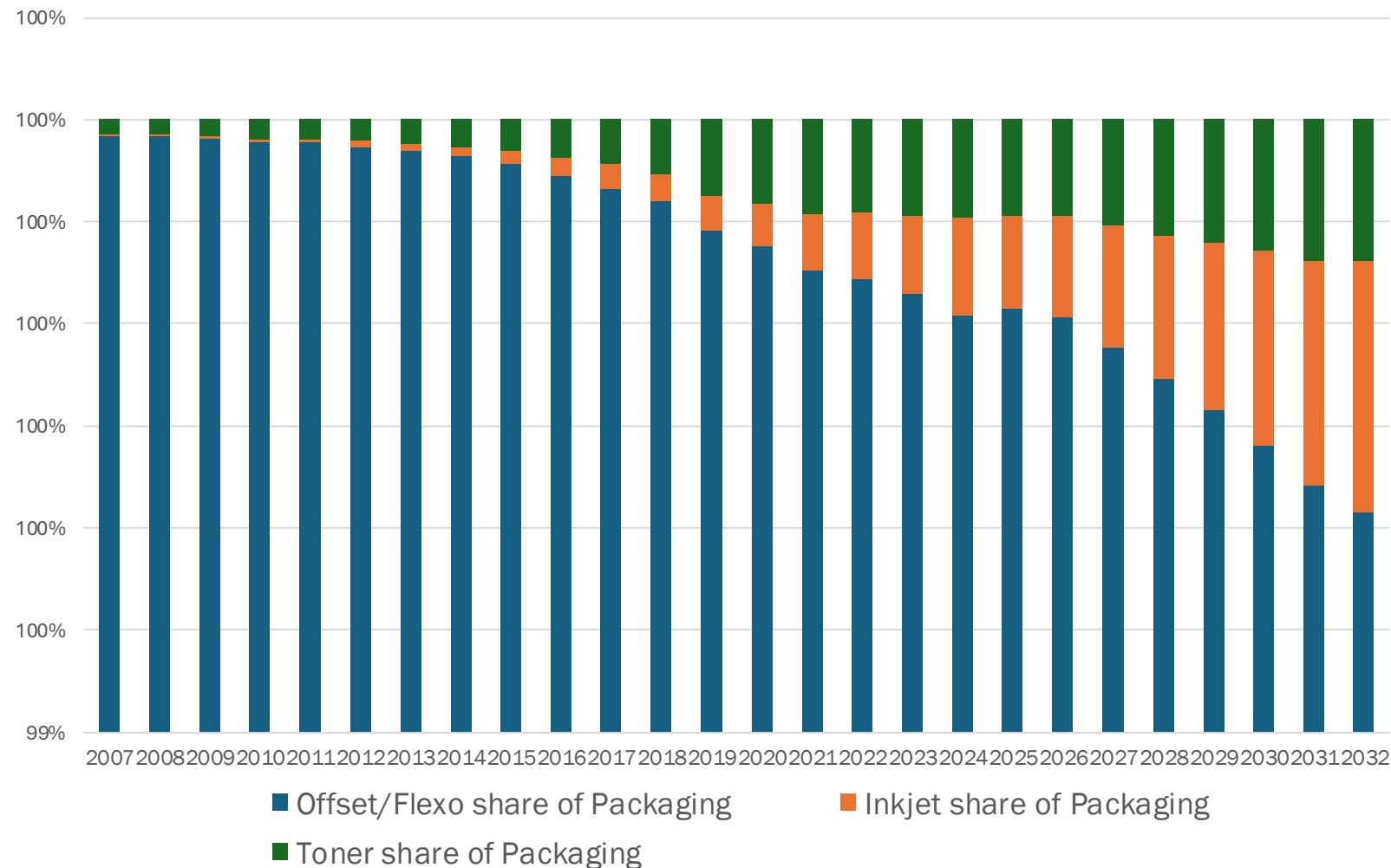


BROOKINGS

PACKAGING GROWTH



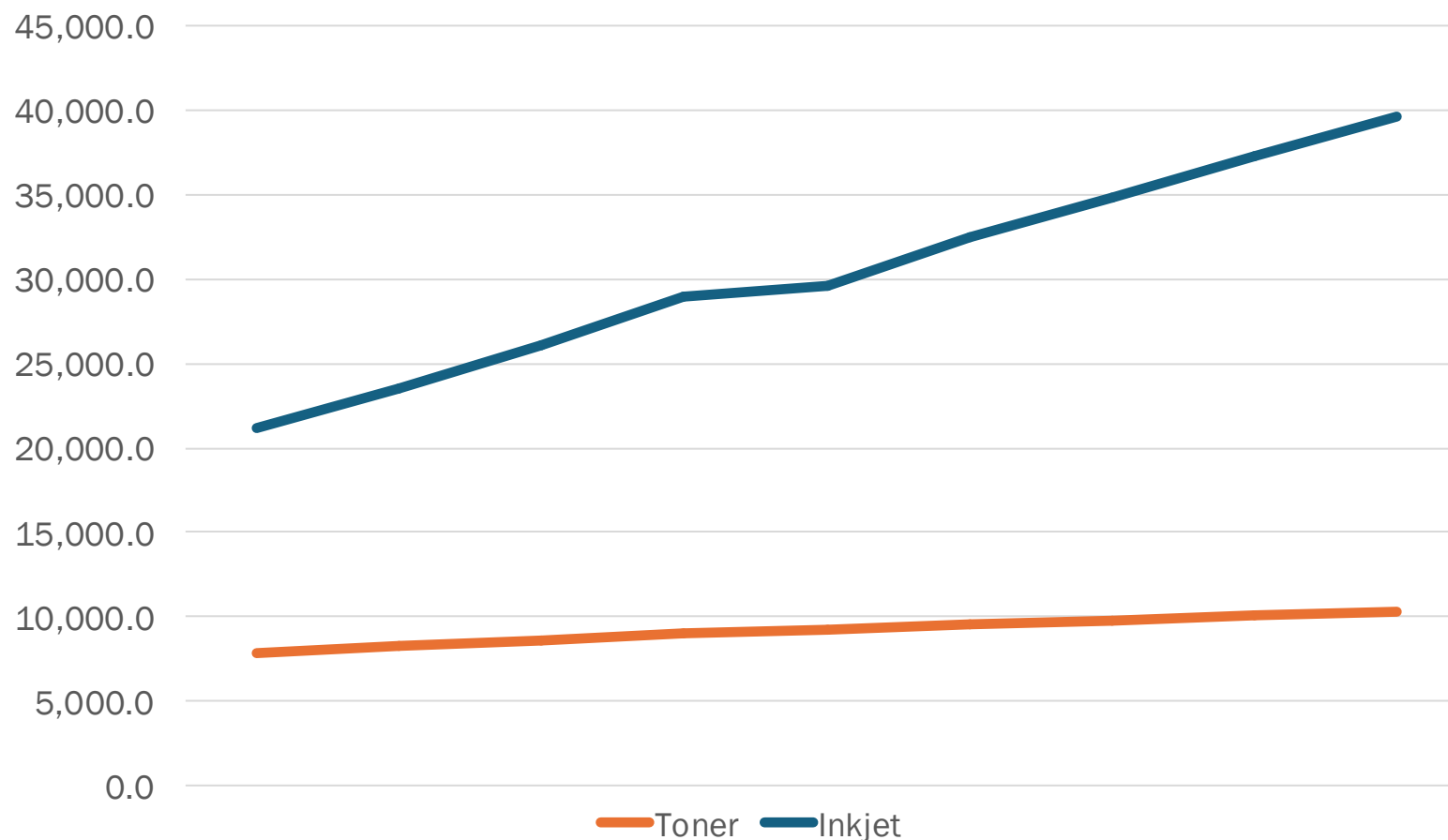
PACKAGING BY TECHNOLOGY



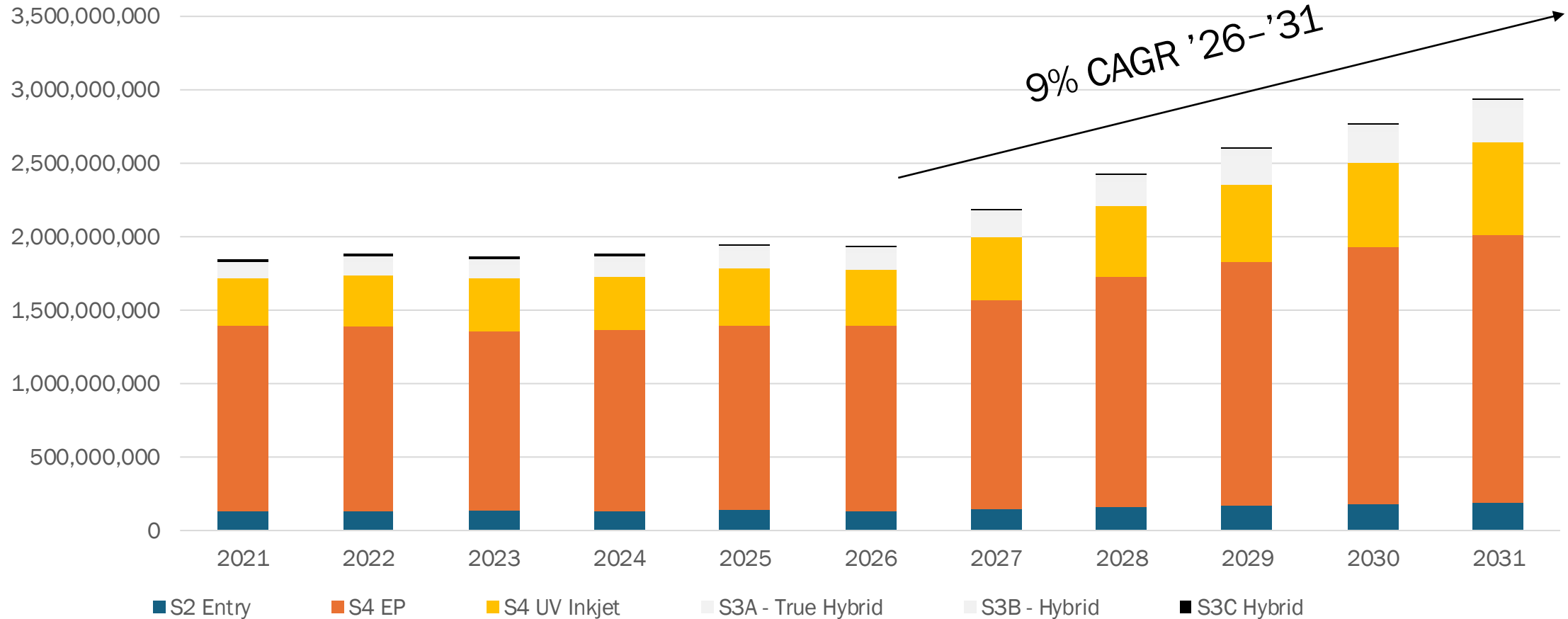
DIGITAL PACKAGING TONER VS. INKJET

Projected Global Growth 2022–2030

Millions of pages

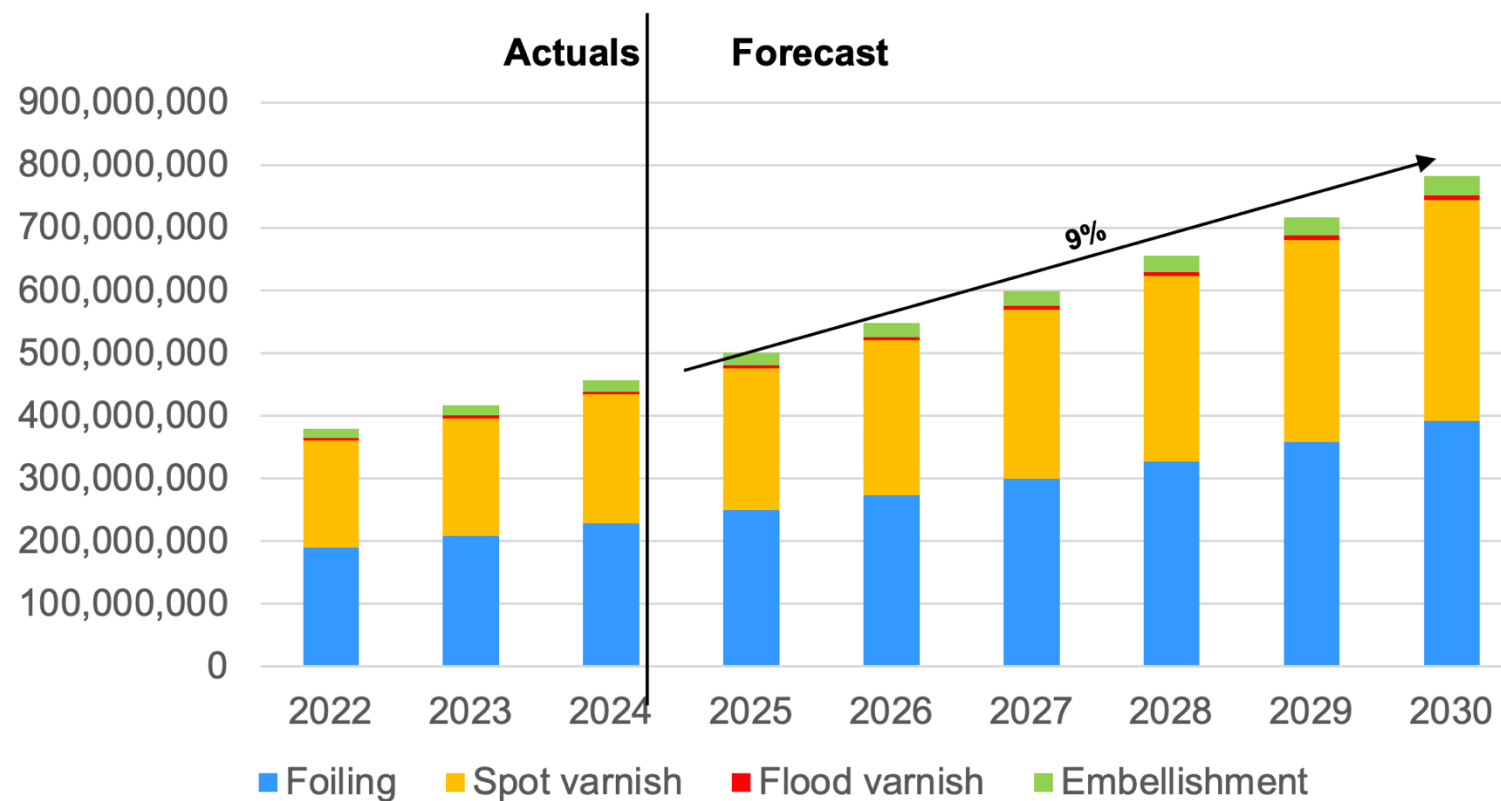


DIGITAL LABEL PRESS M² PRINTED 2021-2031



Source: IT Strategies, Inc.

EMBELLISHMENT GOING MAINSTREAM



Excludes Chinese

Source: IT Strategies, Inc.

DRIVING AND TRANSFORMING PACKAGING WITH TECHNOLOGY



© Omet iFLEX



© Uteco ONYX

DIGITALIZED FLEXO



© Mark Andy Performance Series



© Bobst Master M6

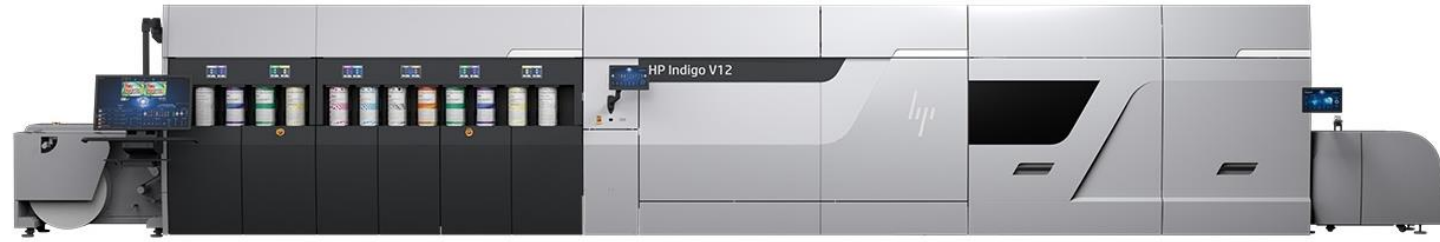


© Edale FL5



© Soma Optima

EP- LABELS



© HP V12



© Konica Minolta Accurio Label 400



© Xeikon 3030



© HP 6K+



© Mark Andy Digital Pro Max

INKJET— LABELS



© SCREEN L350UV SAI



© Durst Tau G3



© EpsonSurePress L-4733AW



© Canon LS2000 – soon



© Domino N730i



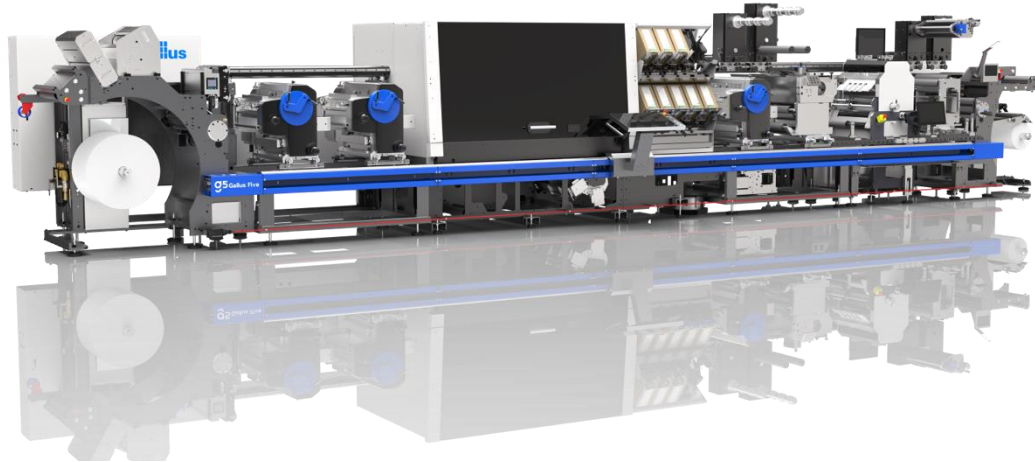
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COMPANY

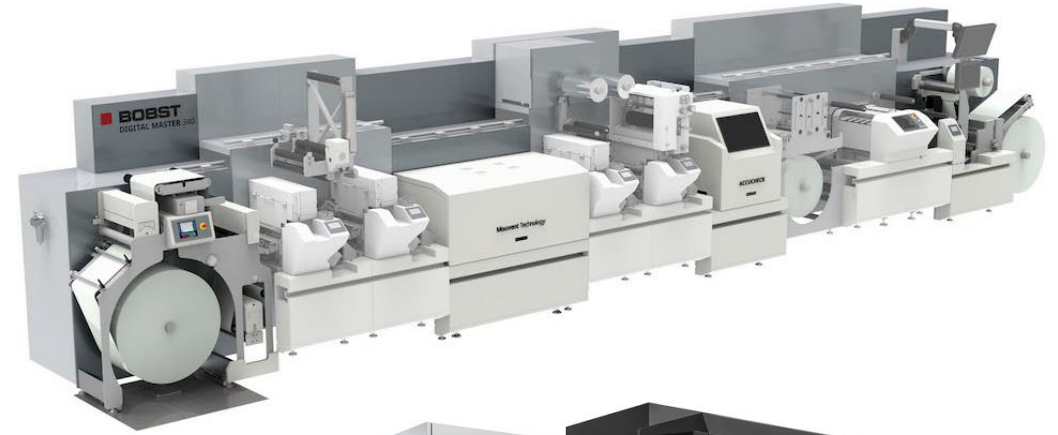
HYBRID/ALL-IN-ONE—LABELS



© Mark Andy Digital One



© Gallus System to Compose



© Bobst Digital Master



© Durst RSC

FLEXIBLE PACKAGING



© Miyakoshi MJP30 AXF



© Screen Truepress PAC 520P



© Screen Truepress PAC 830F



© HP 200K



© Fujifilm FP790

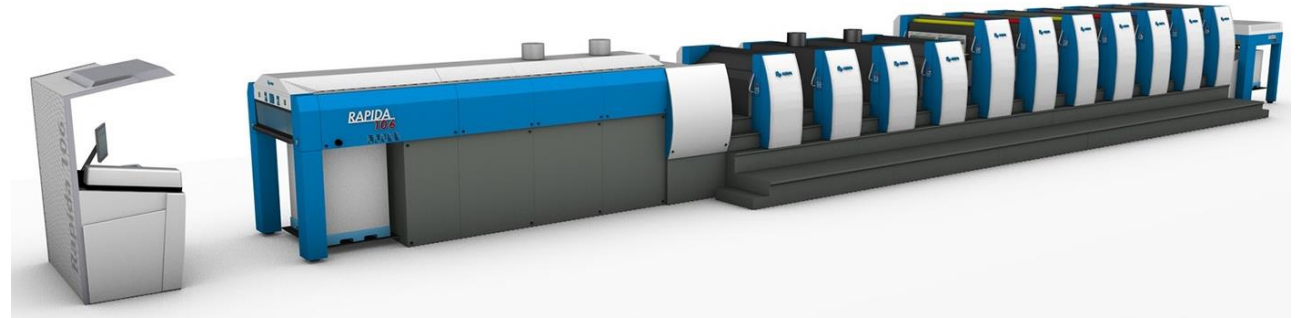


© Xeikon CX500

DIGITALIZED ANALOG FOLDING CARTON



© Heidelberg Speedmaster



© KBA Rapida



© Komor Lithrone

INKJET—FOLDING CARTON



© Agfa SpeedSet



© Landa S11



© Canon varioPRESS iV7



© KBA Durst VariJET 106



© Konica Minolta AccurioJet 30000



© Ricoh Pro Z75

CORRUGATED PREPRINT



© HP T1190



© Bobst - MasterCI



© HP T700i

INKJET— CORRUGATED POSTPRINT



© Xeikon Idera



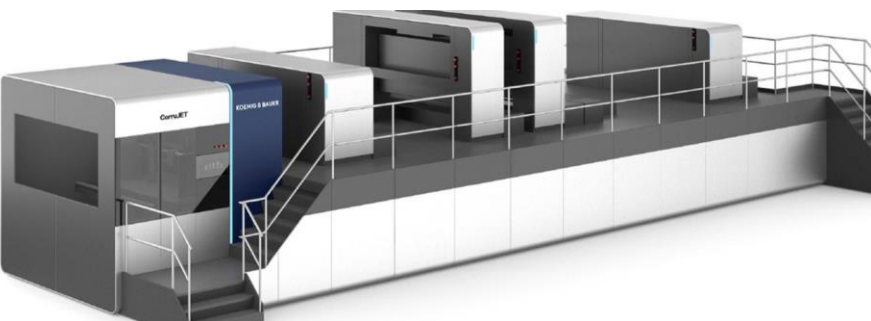
© Domino X63C



© Canon – Coming soon



© HP C500



© Koenig & Bauer CorruJET

© BHS Jetliner



© EFI Nozomi

AUTONOMOUS FLEXO FOLDING CARTON

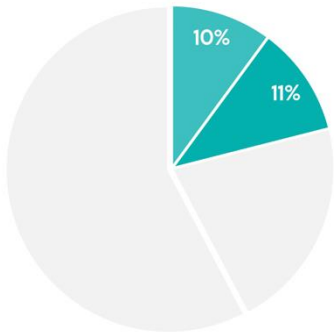


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HYBRID FLEXO CORRUGATED

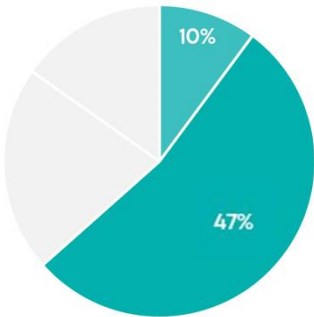


© Kento



Traditional digital

Barely 20% of printing volume could be efficiently transferred from HQ Flexo, just the smallest runs and low ink coverage printing



KENTO HYBRID®

More than 60% of printing volume could be transferred from HQ Flexo printers with lower costs, with big savings in plates and digital inks.

Exceptional Performance For High-End Labels Production

The future of label production is here. The Durst Tau G3 Peak brings a new level of performance, flexibility and productivity to digital label printing, giving converters the power to take on more applications, more volume and more opportunity. Built on Durst's 90 years of innovation, the G3 platform combines proven technology with a forward-looking approach to production, helping label converters move beyond the limitations of conventional workflows.

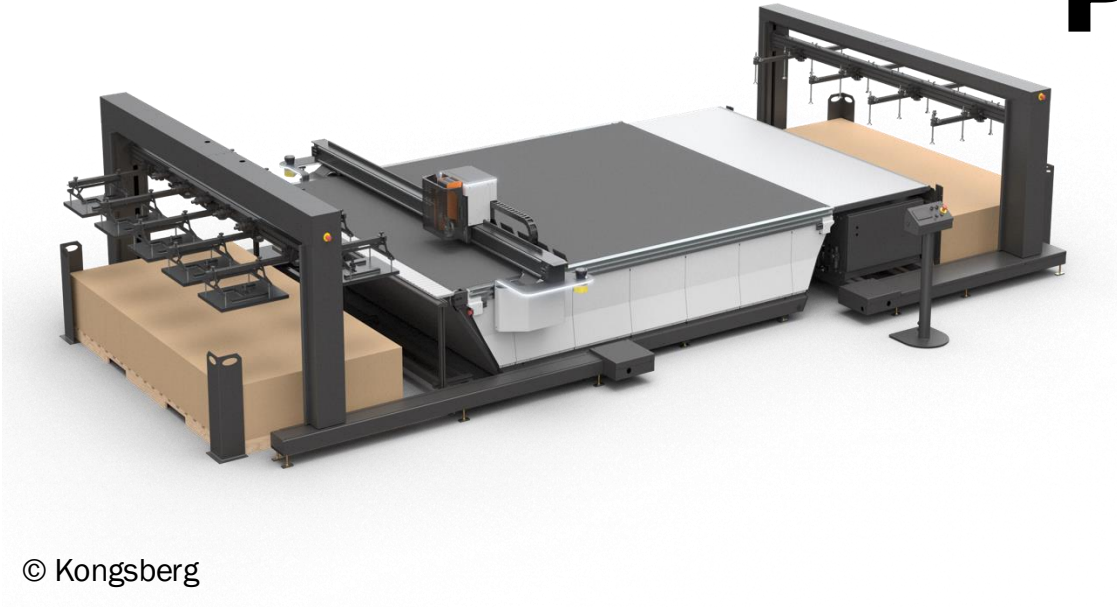
With the Tau G3 PEAK, digital printing is no longer simply an alternative for short runs or variable data. It is a powerful production solution designed to compete at scale while delivering the flexibility, quality and efficiency today's market demands. From labels to flexible packaging and beyond, Durst is helping converters rethink what digital can accomplish, and giving them the technology to lead what comes next.



durst

CONVERTING THE PRODUCT

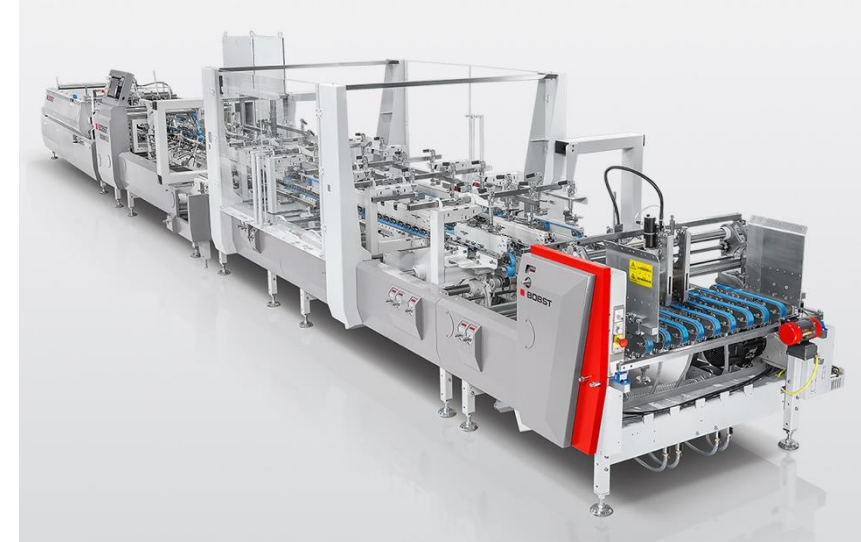
PRODUCTION DIE CUTTERS



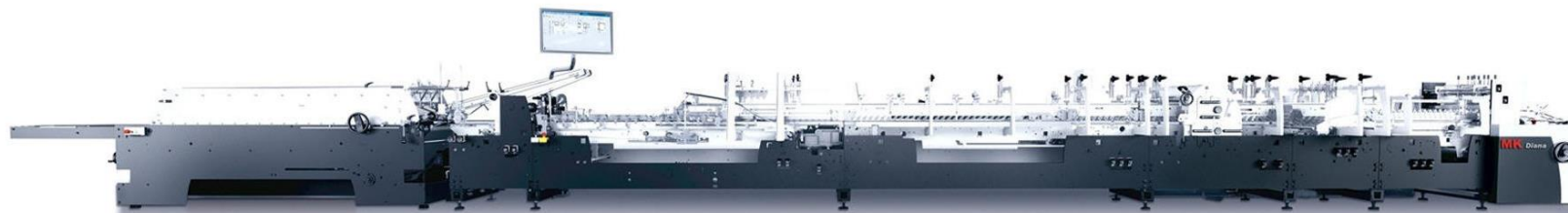
AUTOMATED FOLDER GLUERS



© KAMA



© Bobst



© Heidelberg Diana Smart

APPLICATION SOLUTIONS



© MGI AlphaJet



© Canon/Edale FL5



© EFI/Packsize

CONVERTING

*Even when it
is a short run*



© Rollem Insignia 7



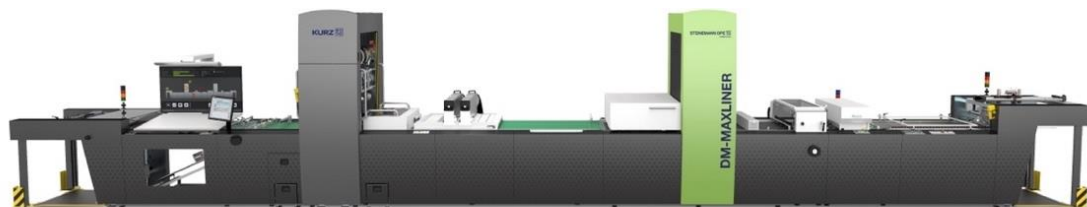
© Kolbus AutoBox



© Sitma Automated
Packaging



© Scodix



© Kurz



© Konica Minolta



© Skandacor



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© ABG

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EMBELLISHMENT



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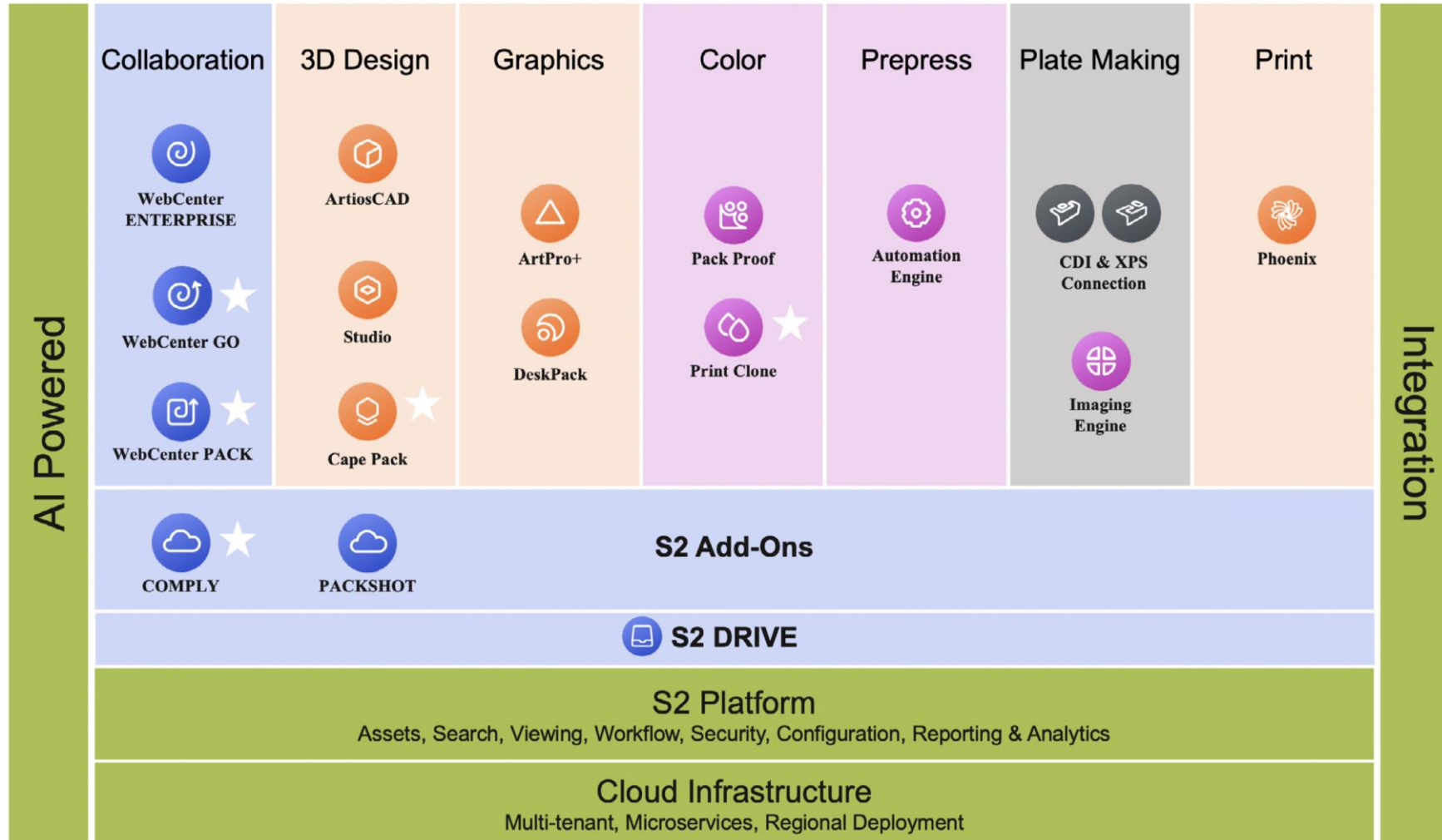


© Actega SIGNITE

CONNECTED AUTOMATION

In the plant and across the value chain

ESKO S2 PLATFORM

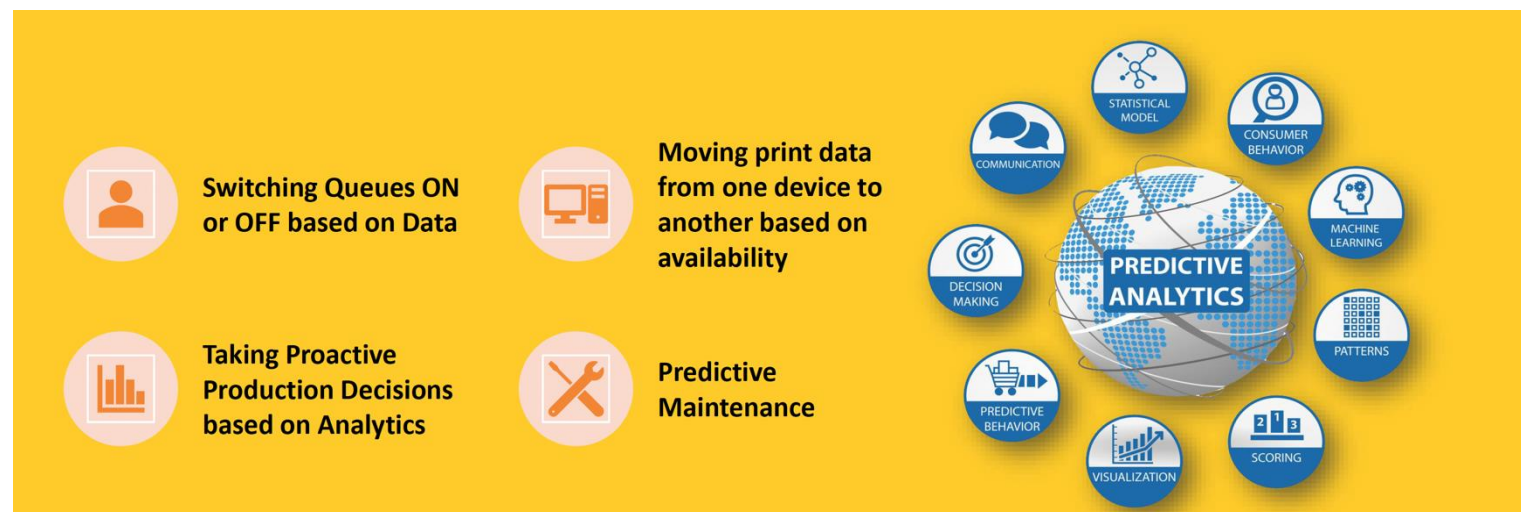


Princt Workflow with Princt Touch Free.



INTELLIGENT AUTOMATION: CANON

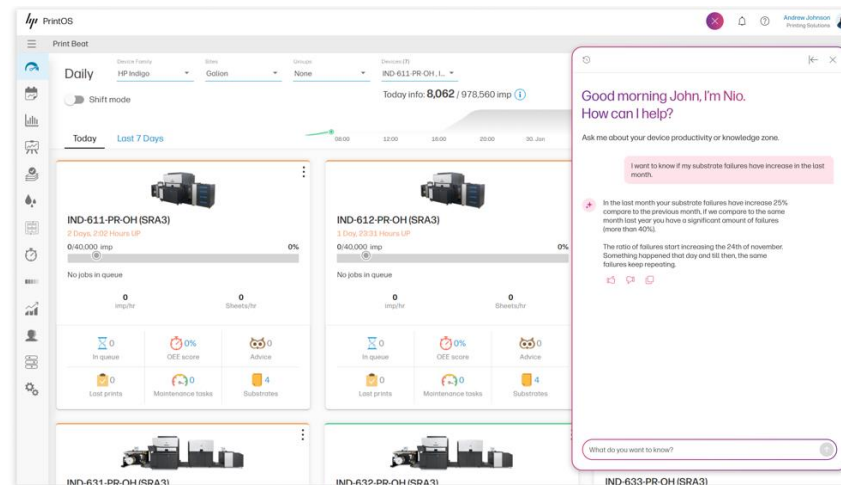
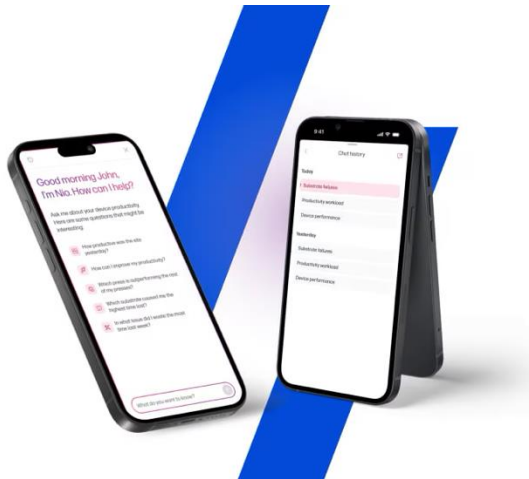
- Canon started to develop the necessary data connectivity support into their products and moved it to the cloud, providing communication between products and systems.
- Machine Integrated Intelligence
- Smart Print Room



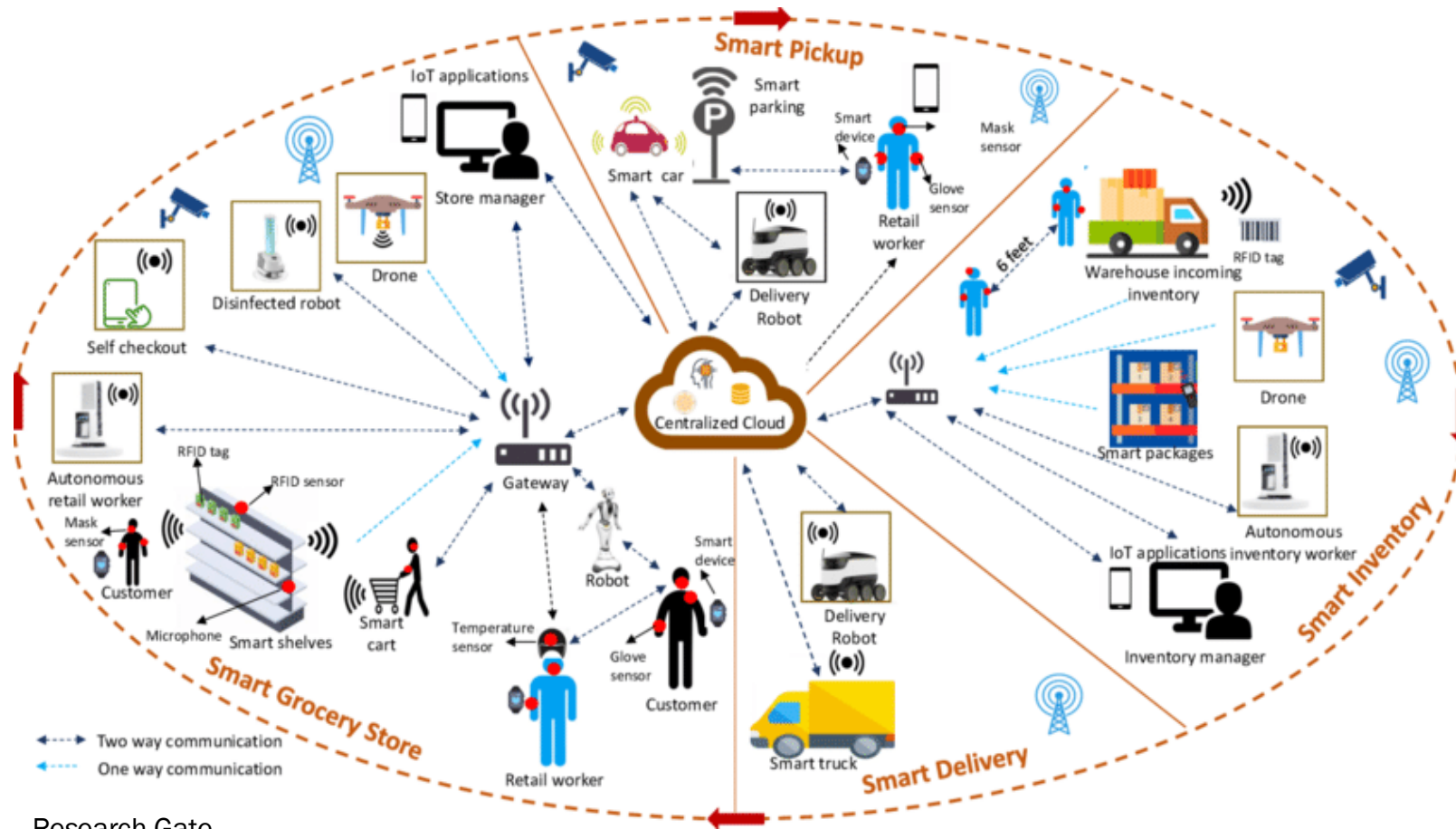
INTELLIGENT AUTOMATION: HP NIO

“We think intelligent automation is the combination of artificial intelligence and automation...” —*Joan Perez Pericot, Head of Software for HP Industrial Print*

- HP NIO uses AI with system connected data with different subsystems to generate insights, and to take decisions to drive action, to take initiative



CONNECTED SUPPLY CHAIN



Research Gate

WEB TO PACK

infigo

 **packly**


boxit
now™

packQ

Design 'N' Buy

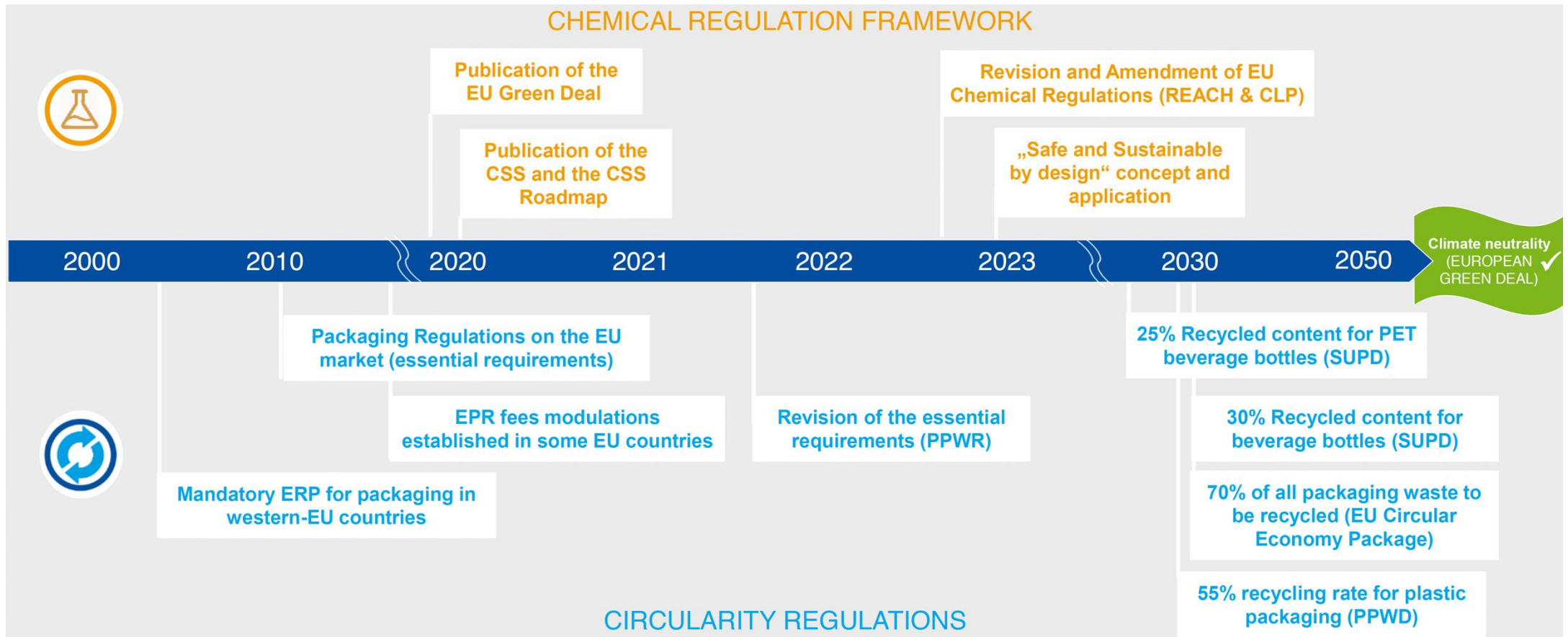
Canva
ZWANG &
COMPANY



PrintNow

WhatTheyTh!nk

SUSTAINABILITY— MORE THAN JUST A GOOD IDEA



PACKAGING

EFI™ Nozomi single-pass digital inkjet printers are the most efficient way to manufacture high-graphic packaging and the most effective way to create highly profitable business opportunities.

EFI Nozomi printers produce image quality that competes with high-quality flexography and offset printing while providing a streamlined process.

High value-added services, such as small or medium runs and variable data printing, can generate new sources of revenue and market opportunities, such as eCommerce and displays.

Q&A

Send us your
questions!

Upcoming Webinars

- Technology Outlook Week Continues!
 - Thursday, August 27—Wide-Format & Signage and Textiles & Apparel w/Richard Romano and Cary Sherburne, sponsored by EFI
 - Friday, August 28—Appearance Management w/Don Carli, sponsored by Tecnav
- The Evolution of Inkjet in Direct Mail—Market Forces and Technology Shifts
 - Wednesday, September 9—Presented by Ramya Krishnan, Business Segment Manager, Specialty Printing & Technology Solutions, for HP Inc., and Kevin Loos, VP Sales & International Business for MCS. Sponsored by HP/MCS

For more information and to register, visit whattheythink.com/webinars

Thanks for attending!