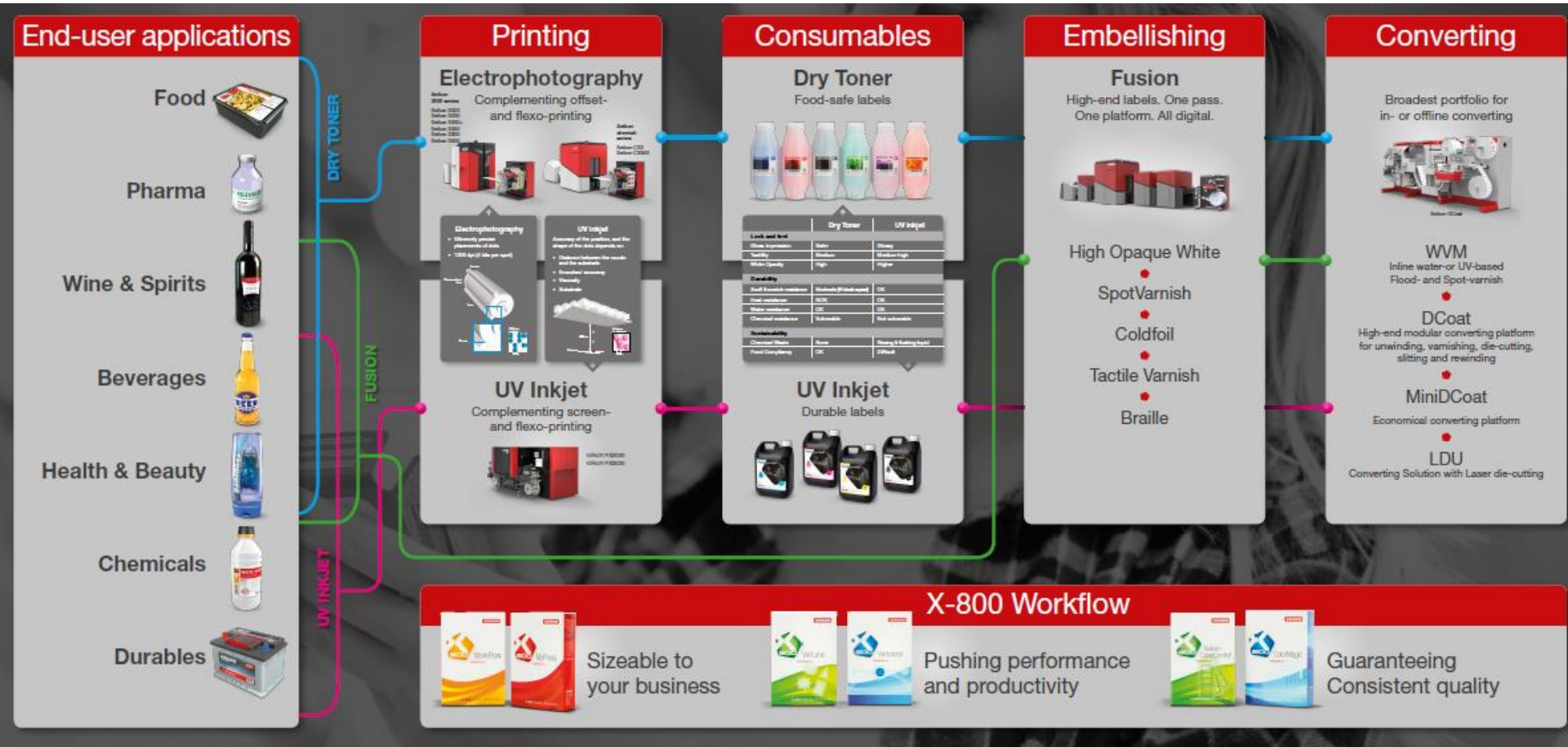
Weymans Filip
VP Marketing Xeikon

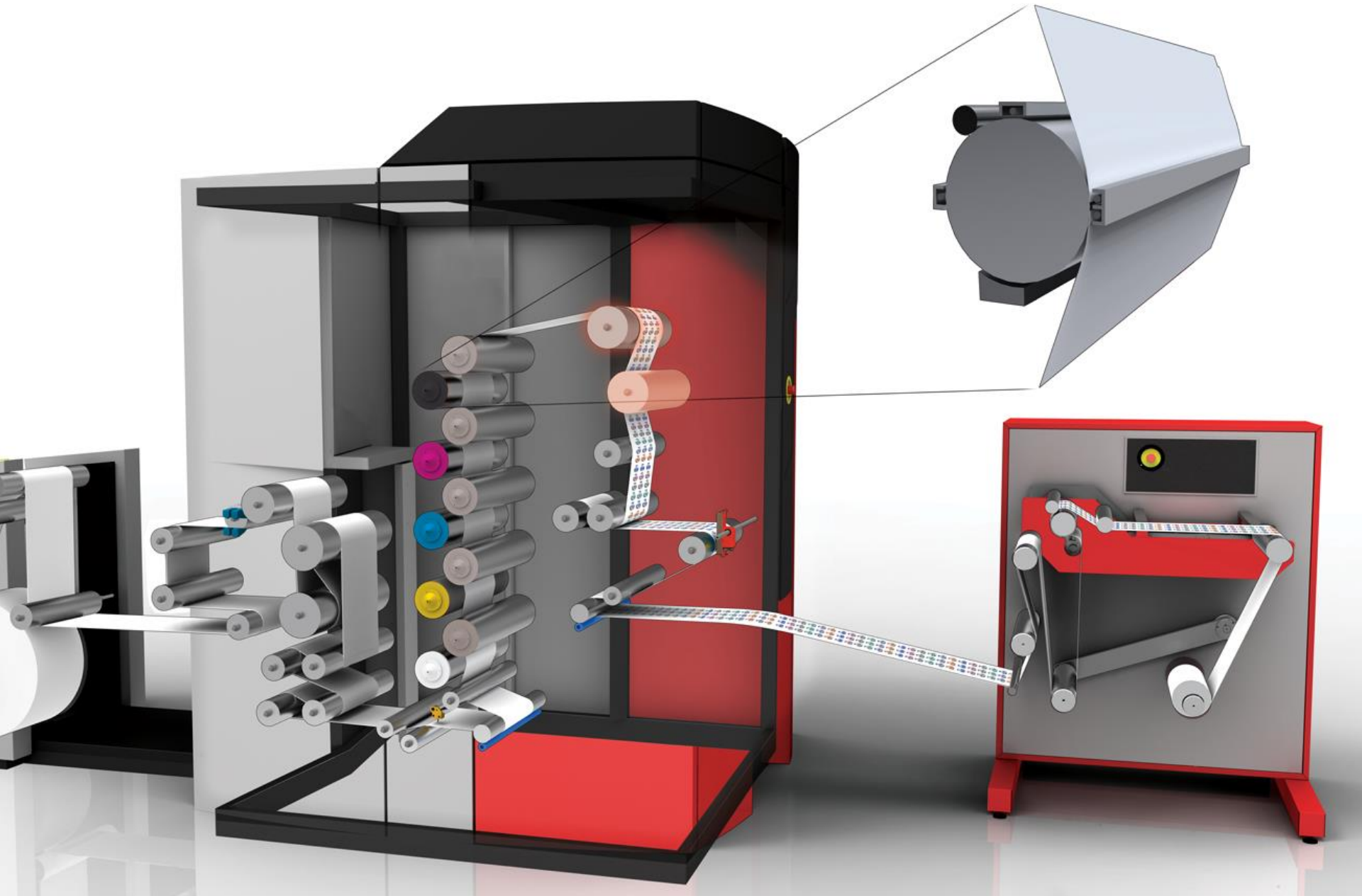
Xeikon technology

- Engine
- Ink/toner
- Device workflow

Application - technology matrix



Xeikon toner press technology



Xeikon press technology

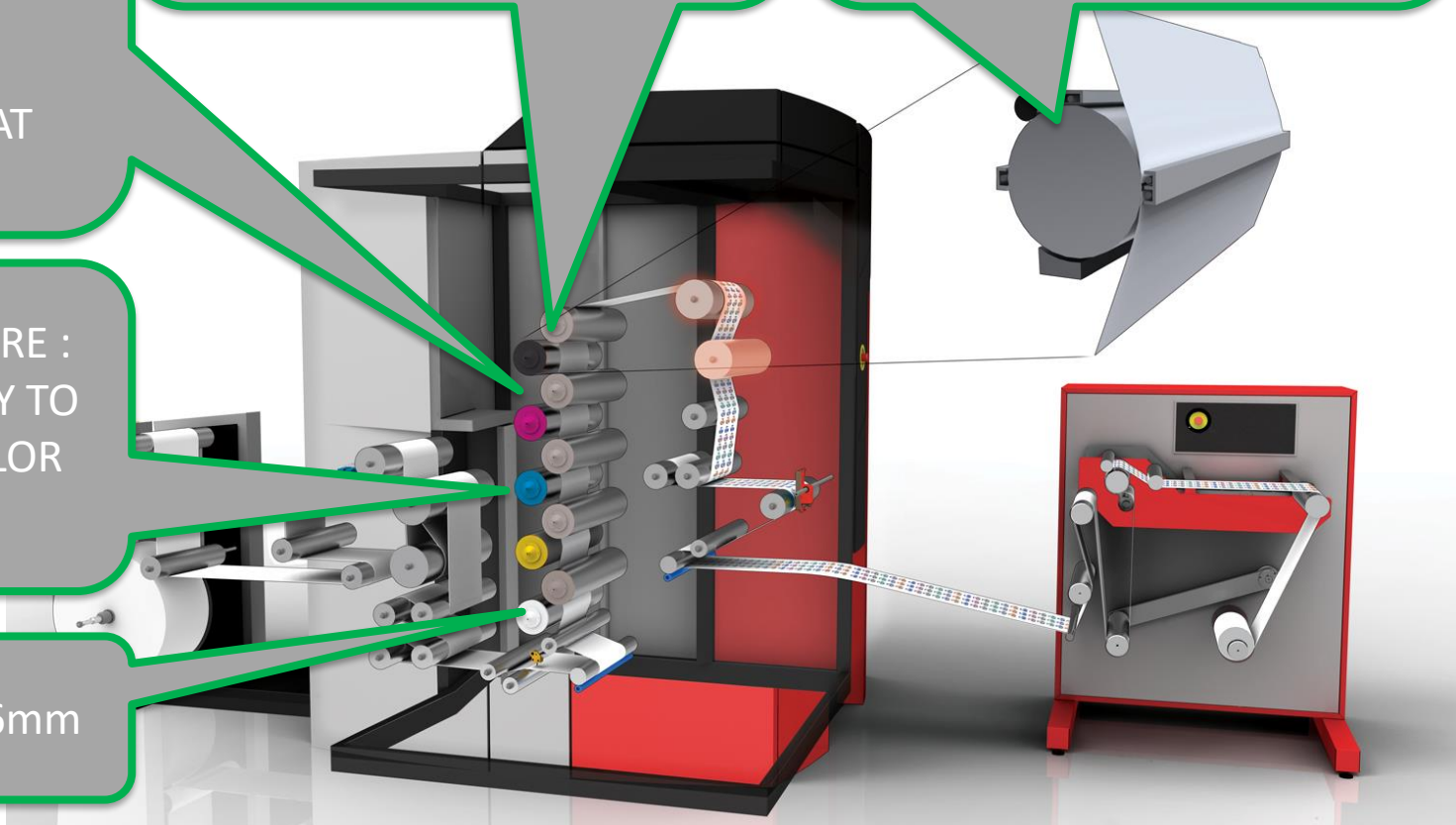
5 INDIVIDUAL PRINTING STATIONS
- PRODUCTIVITY NOT IMPACTED BY # COLORS
- ACCURATE REPEAT POSITION

IMPACT PRINT TECHNOLOGY ASSURES ACCURATE DOT POSITION + CONSISTENT IMAGE QUALITY

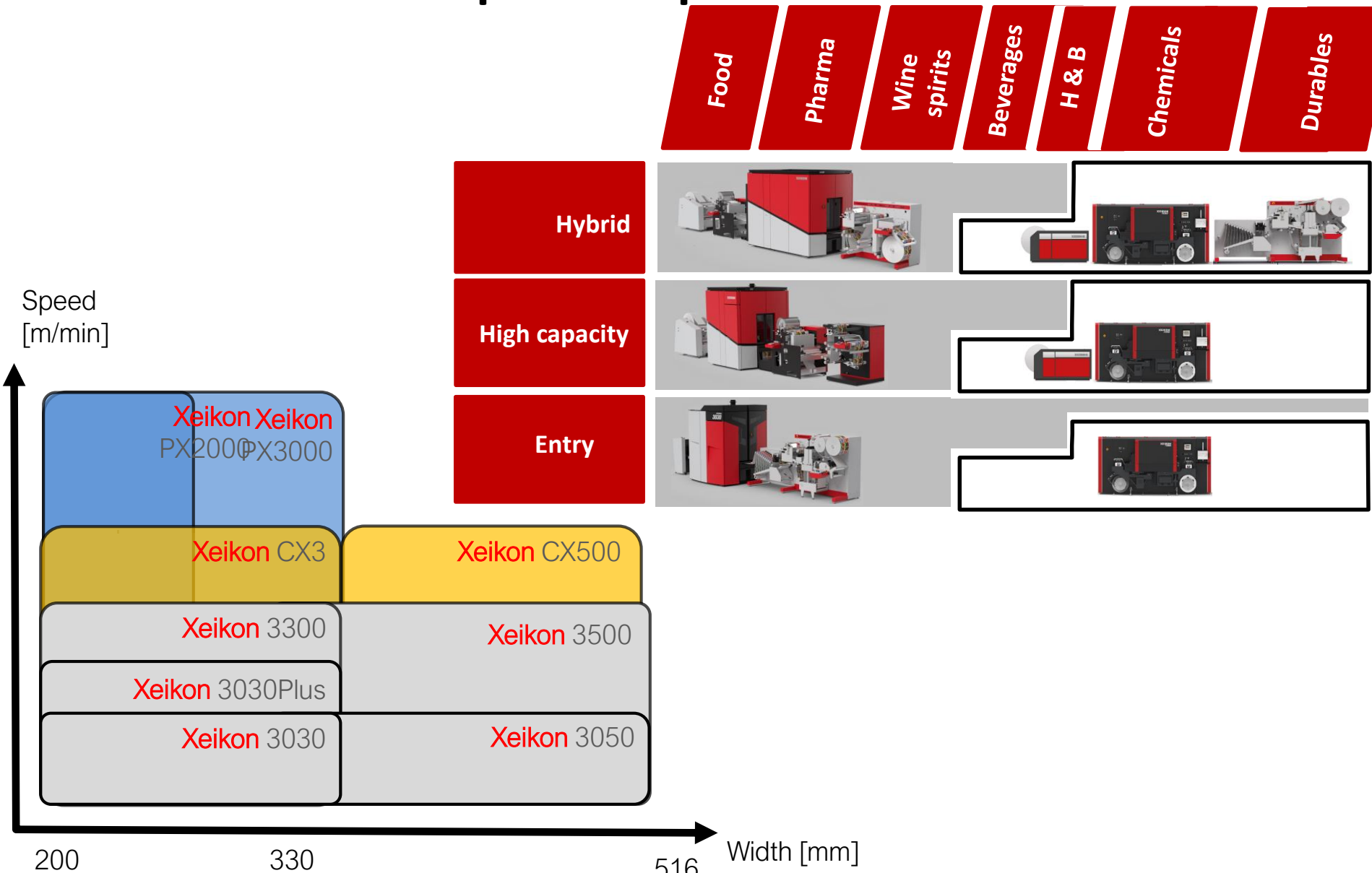
FULL ROTARY REPEAT :
- PRODUCTIVITY NOT IMPACTED BY SIZE OF THE LABEL
- ABLE TO PRINT WALLAPER

OPEN ARCHITECTURE : DRY TONER → EASY TO CHANGE SPOT COLOR <10MIN

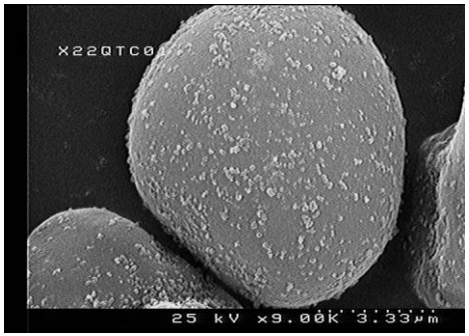
Web width 200-516mm

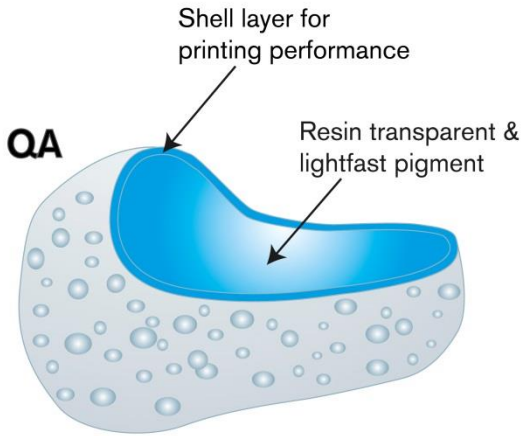


Xeikon L&P press portfolio



Dry toner - charateristics





- No Solvents / no mineral oil
- PET- based toner system
  - Durable
  - Water resistant
  - **Food safe**
- Varnish is advised for
  - Scuff / scratch resistance
- New toners designed for PE/thermal substrates

Dry toner - products

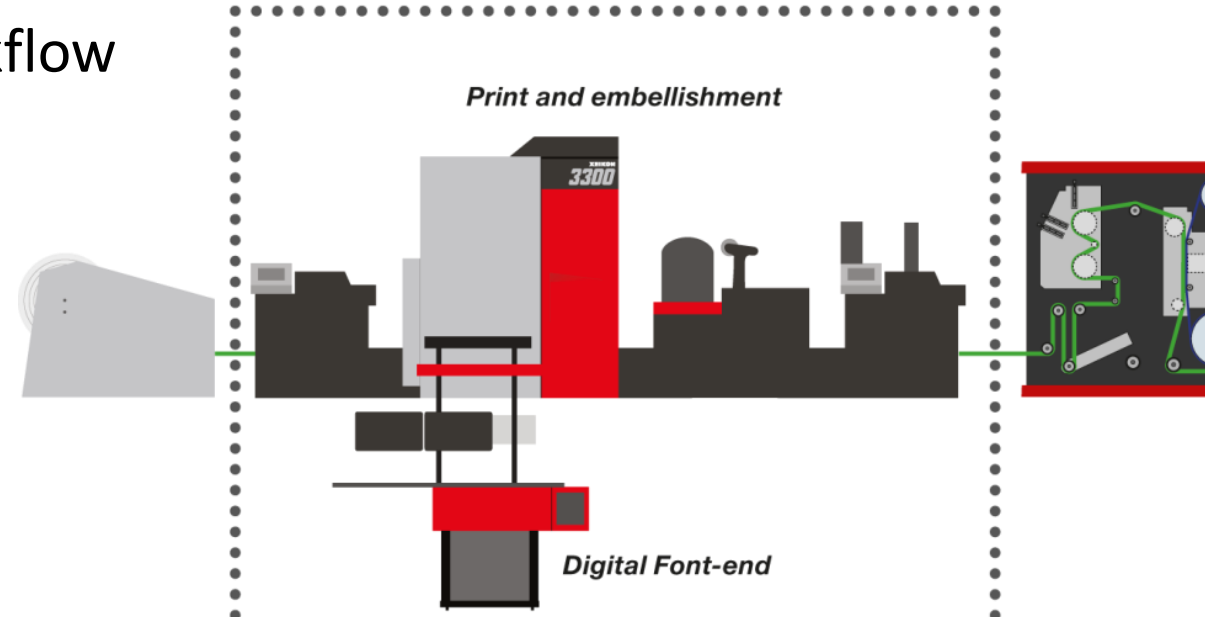
Exchanging color is easy ➔ varouis toners available

- **Standard** color : CMYK
- **OTS** colors : red, green, blue, orange
- **Custom** colors : customer specific
- **Technical** colors : White, Clear uv reflecting, security color
- **Creative** colors : MatteSilver, PaladiumSilver

FUSION technology (by dry toner)

One pass – One platform – All digital

- Digital combination printing
  - Embellishment through digital print (inkjet, dry toner, …)
  - BEFORE and/or AFTER 5C digital press
  - High-end labels (wine&spirits, cosmetic, beverage…)
  - One central workflow



Xeikon workflow

PRODUCTION WORKFLOW	DEVICE WORKFLOW

PREPRESS ENVIRONMENT

Kodak → X-800 PREPRESS STATION

ESKO artwork → X-800 PREPRESS STATION

PRODUCTION ENVIRONMENT

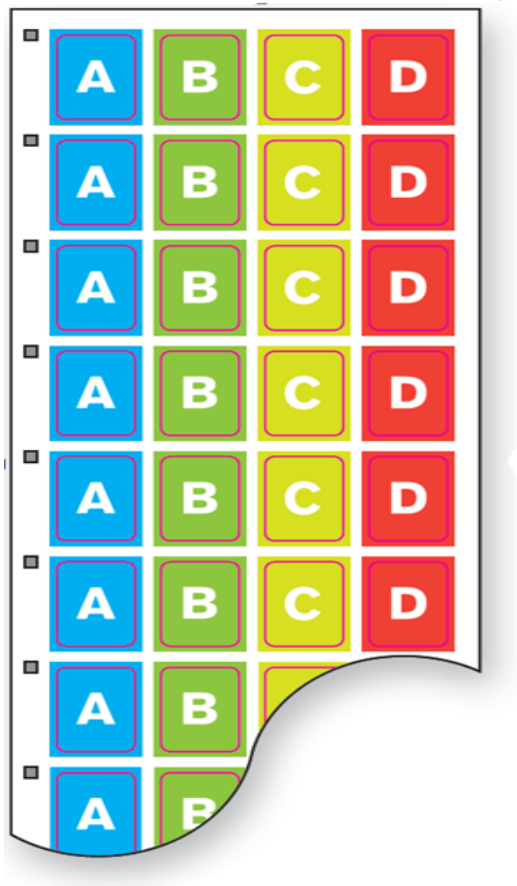
X-800 streamer →

X-800 streamer →

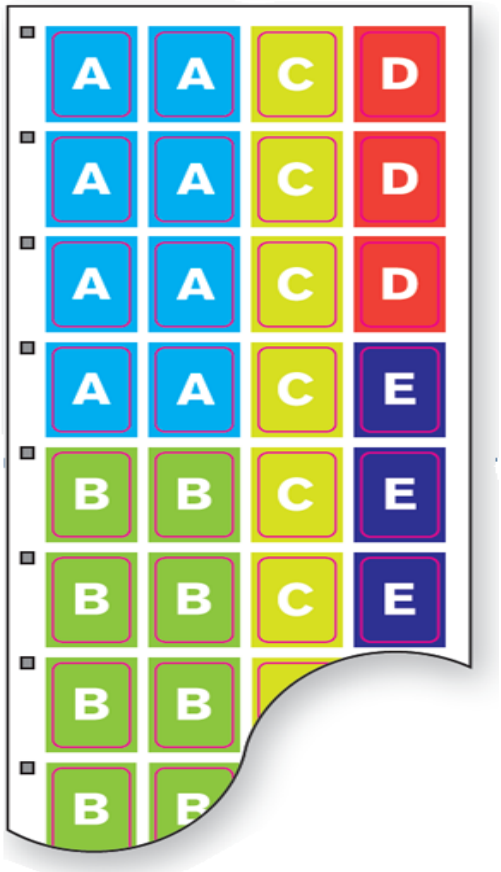
Xeikon workflow

- Dedicated device workflow allows converters to get more out of their press

standard



unique with Xeikon

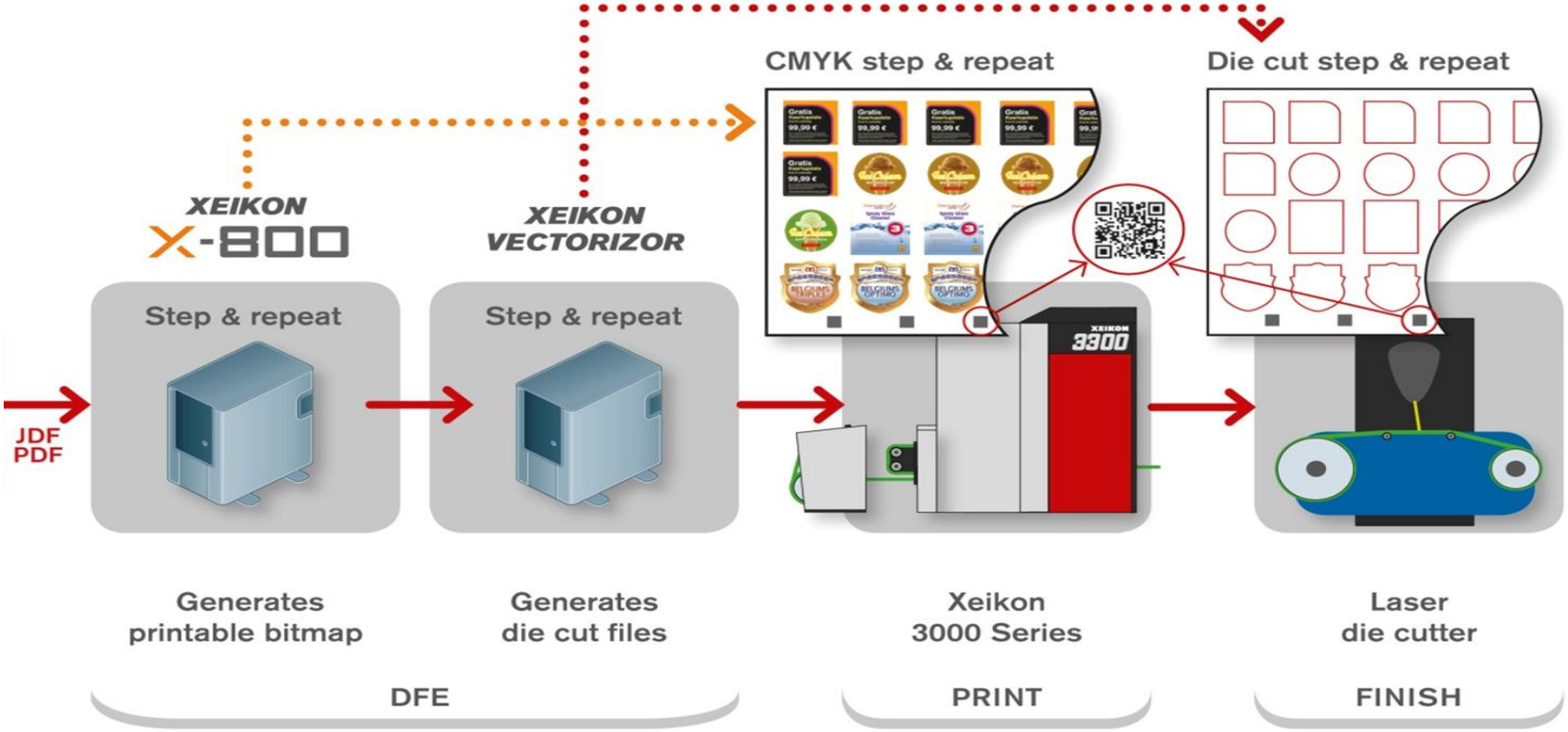


Xeikon workflow

- Varilane
  - Minimize waste by optimal use of the web width
  - Maximize productivity

Xeikon workflow

- Xeikon Vectorizor (Patented) – the missing link in digital production



Xeikon workflow challenge

Matching the color

across platforms (ij, toner, flexo) ,
across substrates

Job preperation

11.000 record, 6 variables
All prepared in **under 50sec**

Dry toner application range

- Folding cartons
- Security printing
- IML labels
- Heat transfer Labels
- Leaflets/booklets
- Wrap around labels
- Pouch
- …

Thank you for your attention