



Ultimate
TechnoGraphics

**RED
HOT**
Technology
**BREAKTHROUGH
AWARD**

association for
print
technologies



*Think Small,
Win Big with Automation*

• All in Print China 2018



Ultimate
TechnoGraphics

Thousands of orders Single prints



Ultimate
TechnoGraphics



Today's Challenges

1. Web2Print continues to shape the economic landscape
 2. One-off and short runs challenge pre-press and post-press operators
 3. Growing demand for digital web to finished products,
 4. New industrial binding & finishing systems rely on automation
 5. Variable length and size products with multiple components
-

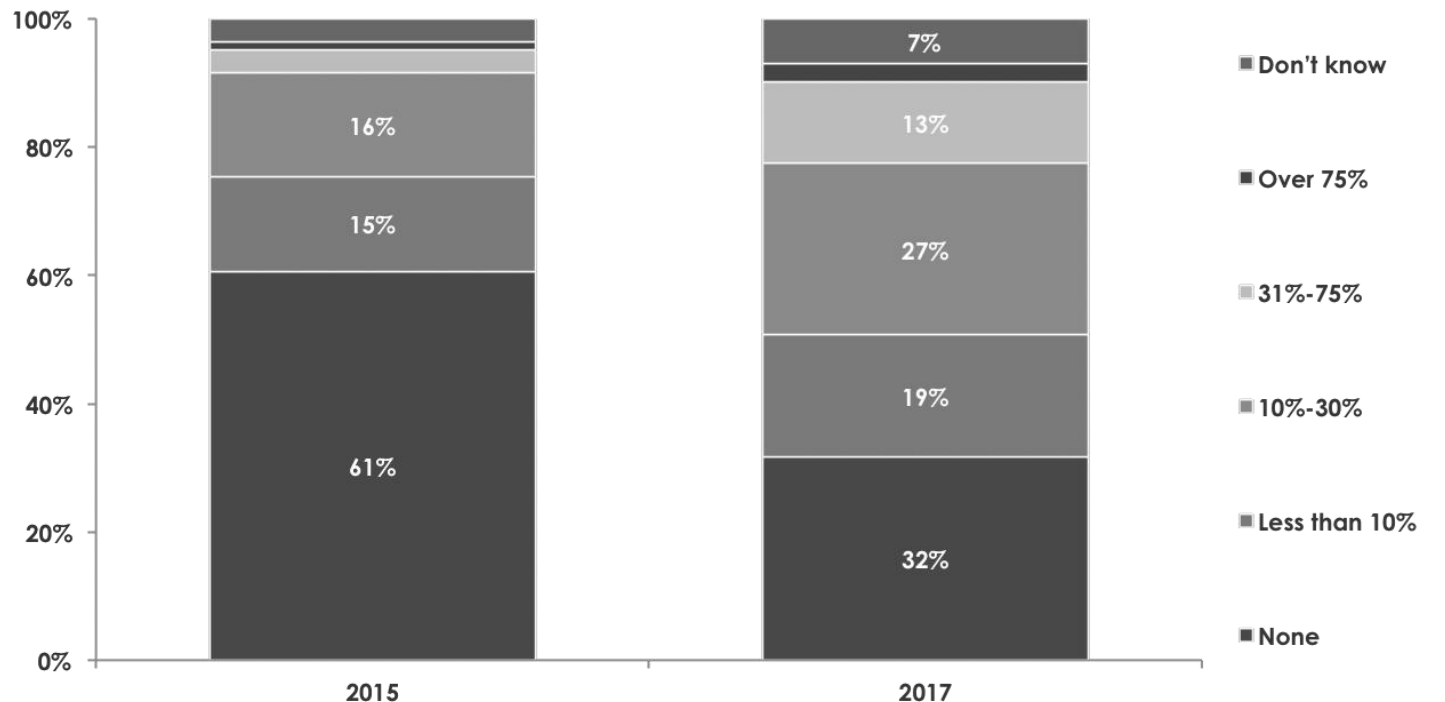
Small orders
Manufacturing quality
Automate for customers
Repeat business
Take on Big profits



Volume Produced in Automated Workflows

- Strong trend towards automation
- Small fraction of companies able to produce fully automatic
- Large number of printers are falling behind

Percentage of total digital print volume produced in a 100% automated workflow environment (no human involvement)

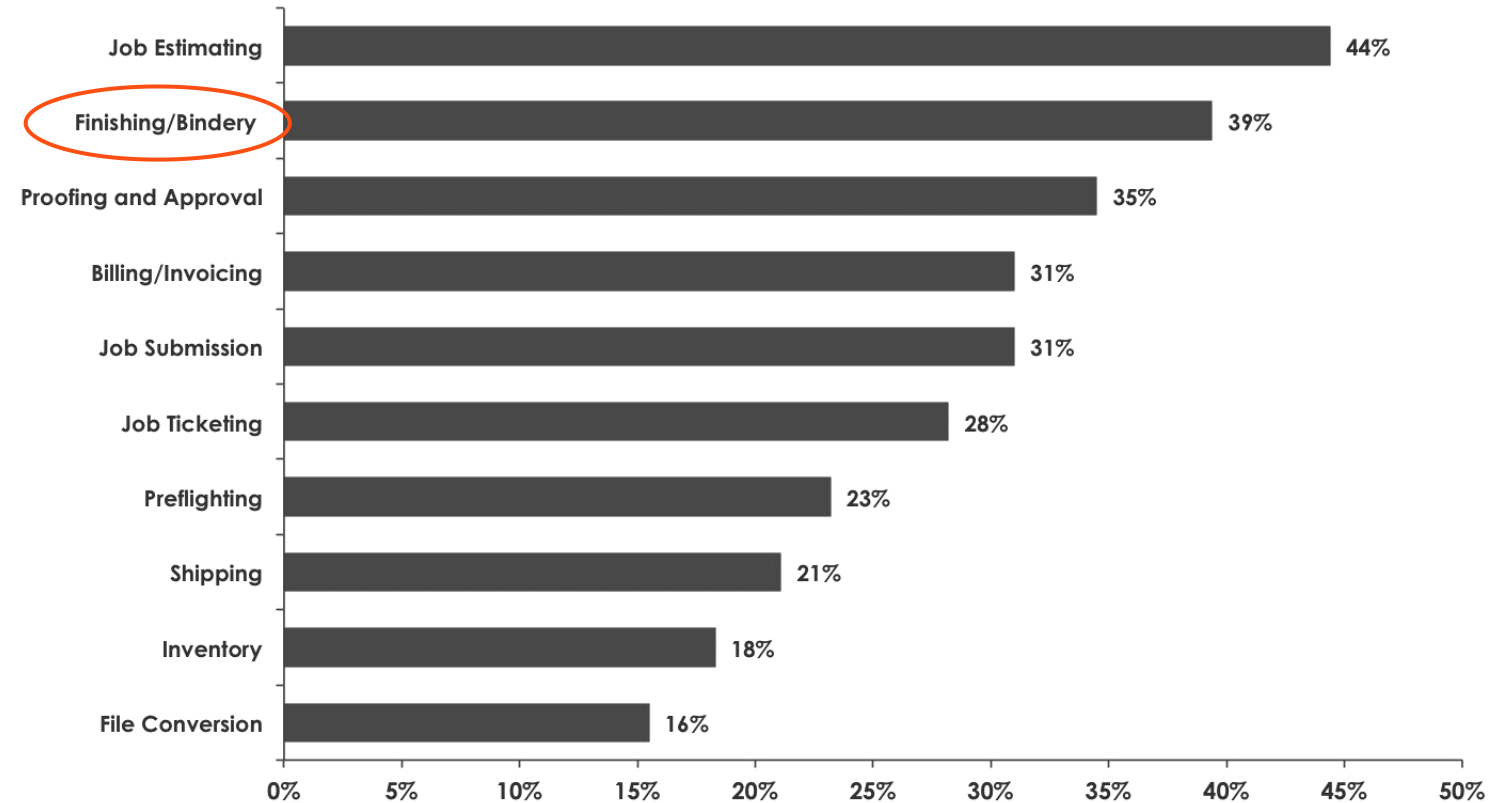


*Source: U.S. Production Software Investment Outlook, InfoTrends 2016

Top 10 Production Bottlenecks

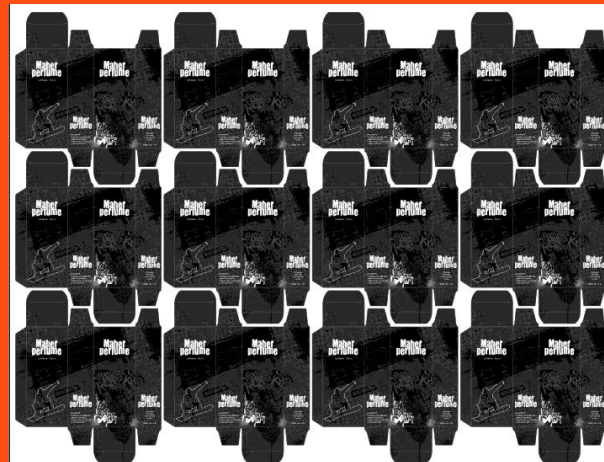
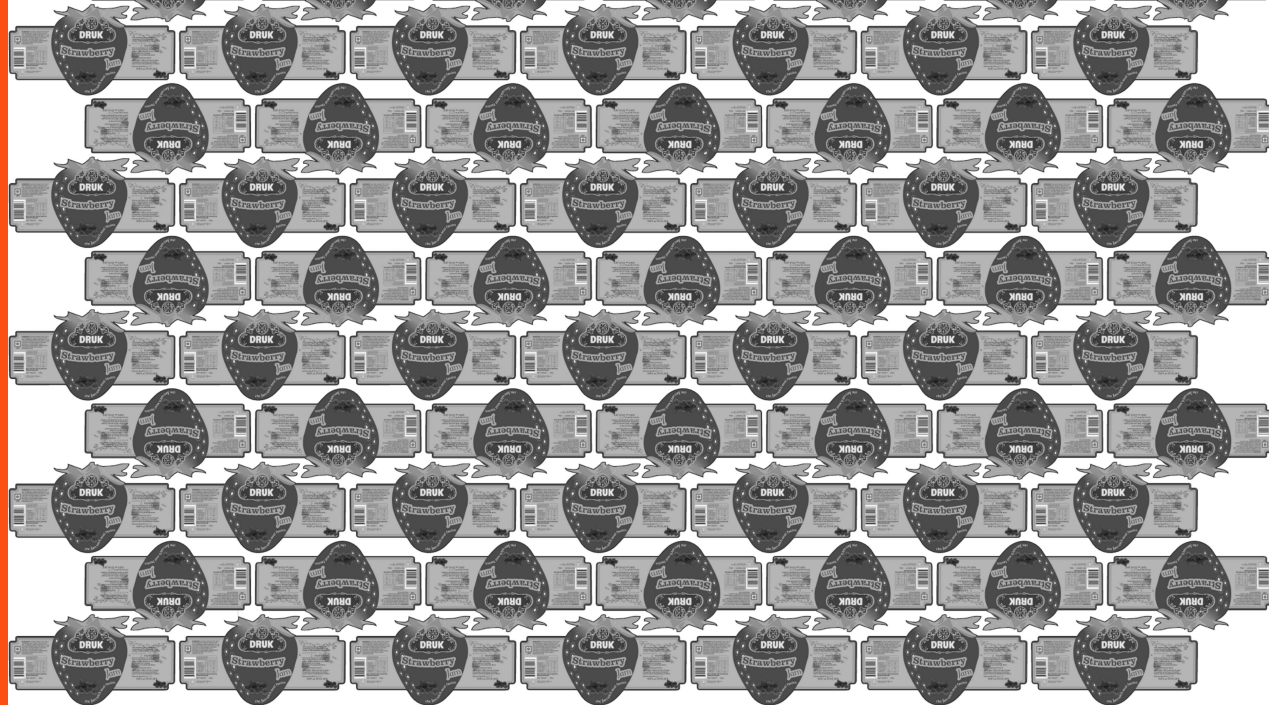
- Finishing/Bindery is a crucial factor preventing full automation

Bottleneck or areas preventing further automation of your production workflow



*Source: U.S. Production Software Investment Outlook, InfoTrends 2010

Nesting and Ganging Jobs



STRAWB



Combine and Automate



Imposition and Finishing Automation



M any designs
O rders tracking
R epeatability
E arn profits



Why Automate?



Free up resources

The time saved by operators can be used for new products and services, to reduce overtime or to achieve higher volumes.



Prevent errors

Pre-flight your jobs for finishing and remove human interference from the process to prevent costly mistakes.



Consistent high quality

The automated process ensures consistent and high quality for every job, even across various operators.



Reduce waste

Optimized layouts increase the utilization of your resources and reduce waste comparing to manual creation.

Why Automate?



Reduce complexity

Automated process holds all your configured requirements, thus reducing training on finishing device.



Faster turnover times

Faster execution of your jobs allows more jobs to be processed and faster delivery to the customer.



Data collection

Enable analytics for further productivity improvements.



New production capabilities

Improved production efficiency on complex multi-component projects requiring various presses and finishing devices.

Why automating finishing?

- The need for removing manual make-ready completely.
- Eliminates waste of printed paper by insuring that each printed job fits the machine's requirements. Preflight the job before printing.
- **Competitiveness:** Helps customers to grow their business by offering competitive advantages with shorter delivery time.
- **Reliability:** Brings greater margin on short runs and run of ONE by guaranteeing a higher level of reliability.
- **Predictability:** Offers consistency from job to job in finishing due to the integration between prepress, print and finishing.
- **Integration:** Simple integration via JDF/JMF

Easy Integration



Use Case



V Ö G E L I

Marketingproduktion & Druck

"Our overall user experience with Impostrip and Ultimate has been nothing but positive.

The application is an incredible product to use.

It has allowed us to grow our business, finishing **hundreds of orders daily, that otherwise would not be possible.**

The Ultimate team has been great to work with and their support has been outstanding, for us."

Christian Sigge
Vögeli AG



Key workflow features

1



Connect imposition to
your management system

3



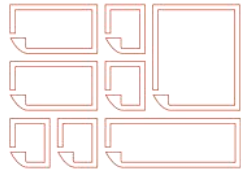
Generate dynamic barcodes
to track your jobs

5



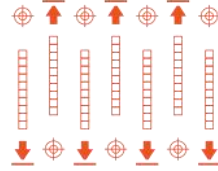
Reach high speed
imposition processing

2



Gang jobs of different
quantity and sizes

4



Get your marks right every
time with Marks Profile

6

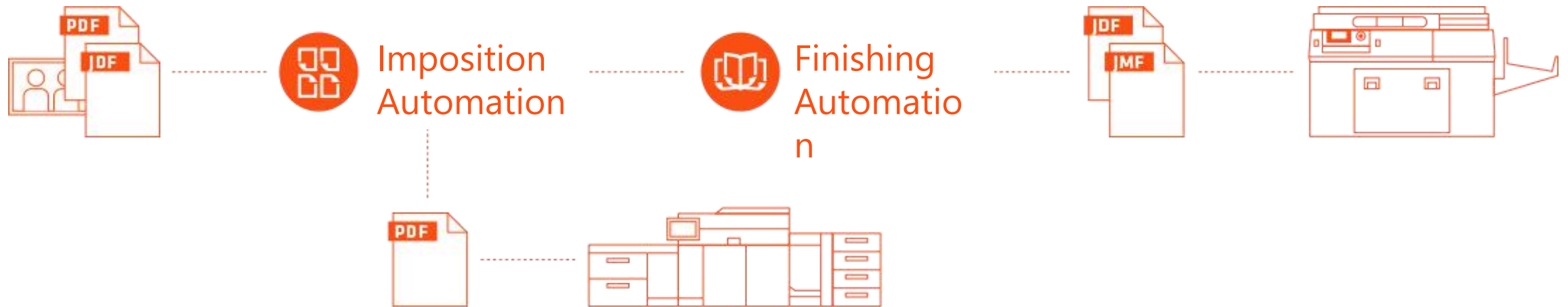


Combine your offset and
digital operations

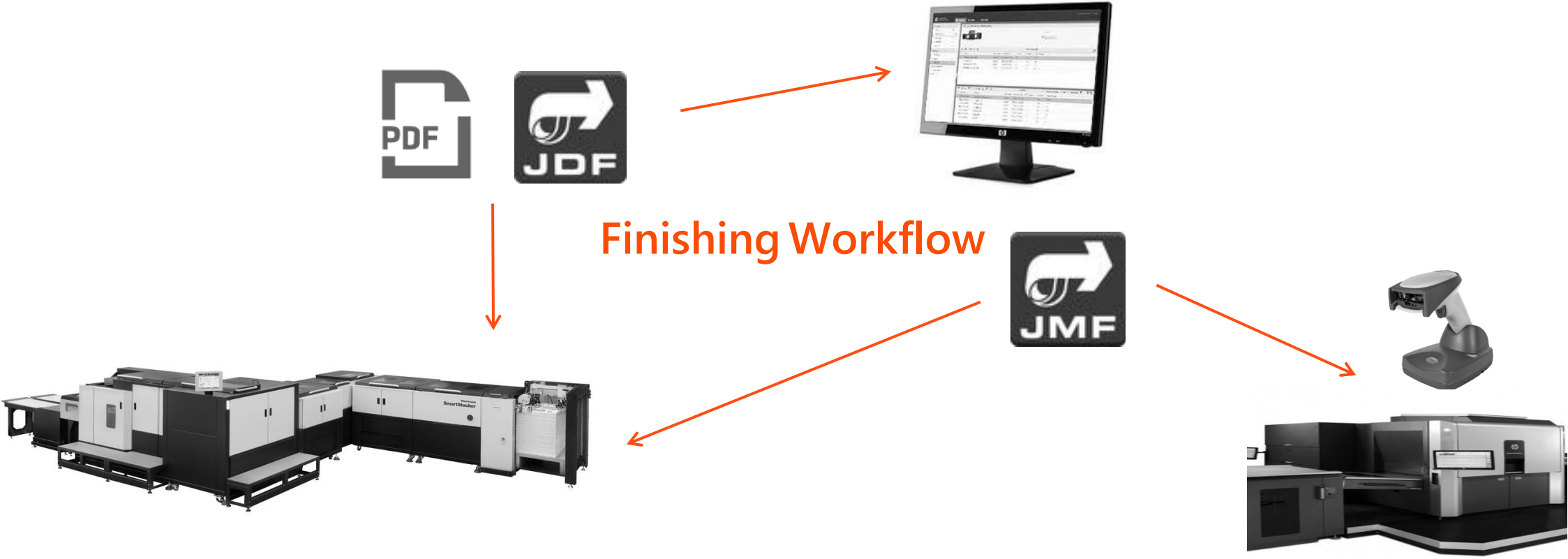
Link Prepress to Finishing



Web to Finishing Workflow



Finishing automation



1 World

7,655,000,000 People



Thank You

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