2016 – A year of change?

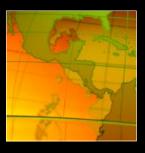








Andy Carroll
Associate Director
June 2016











A year (or more) of change....

The most important industry acquisition in recent memory?

Foxconn Sharp?

Clover MSE?

APEX Static?

APEX Lexmark?

Triton Connett?

The answer is:

None of the above

A year of change....





BLI/InfoTrends

We are largest, deepest and brightest business intelligence firm dedicated to the office document technology and solutions industries

We deliver unique content, solutions and services that provide the deepest and most comprehensive view of the industry to the audiences we serve

BLI & InfoTrends Office Group Strengths

BLI

- Deep insight on Micro Technology
 Capabilities
- Deep insight on Hardware Features and Differentiation
- Deep insight on Software Features and Differentiation
- Pricing & TCO Analysis
- Editorial, Technical and Non Technical

InfoTrends

- Deep insights in Macro Market
 Trends & Shifts
- Industry experience in Go to Market Strategies
- Industry Sales, Marketing, Training,
 Product Planning, & Marcom
- Placement & Forecast Modeling
- Vertical Markets & Channels
- Market Research

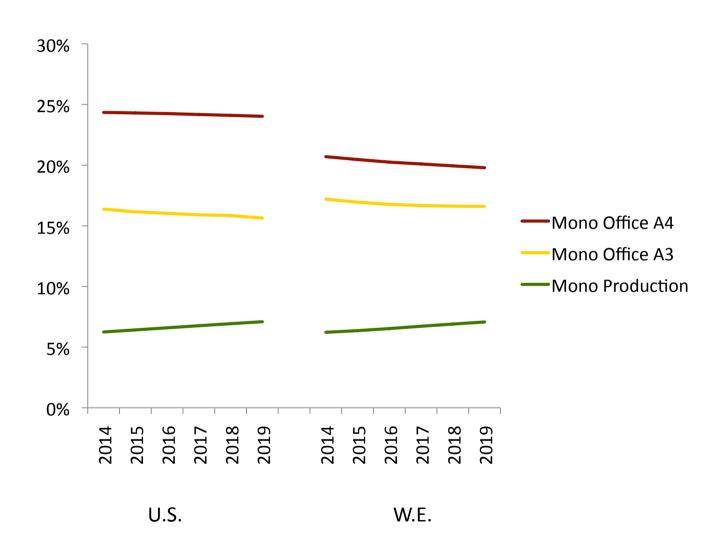
Today's talking points

- Where does the Aftermarket industry stand today
- The most important issues facing the industry in 2016 (and beyond)....InfoTrends "RoadMap"
 - The Global Economy
 - Industry Consolidation/Deconsolidation
 - Transactional vs Contractual
 - Potential Channel changes

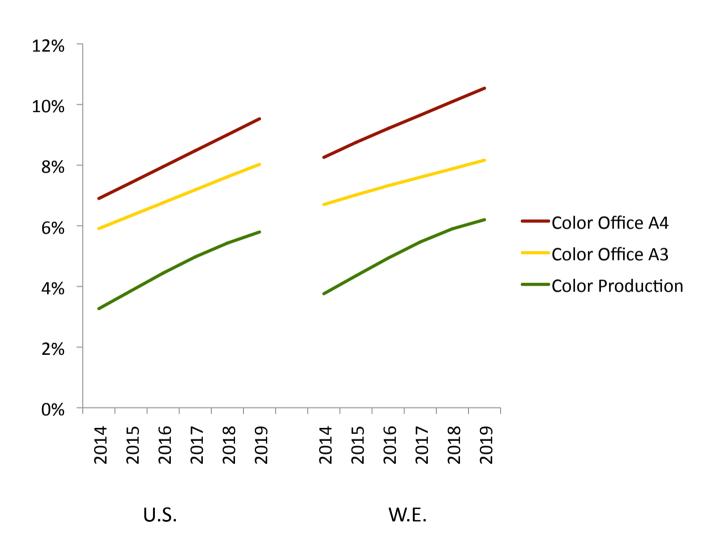


Today

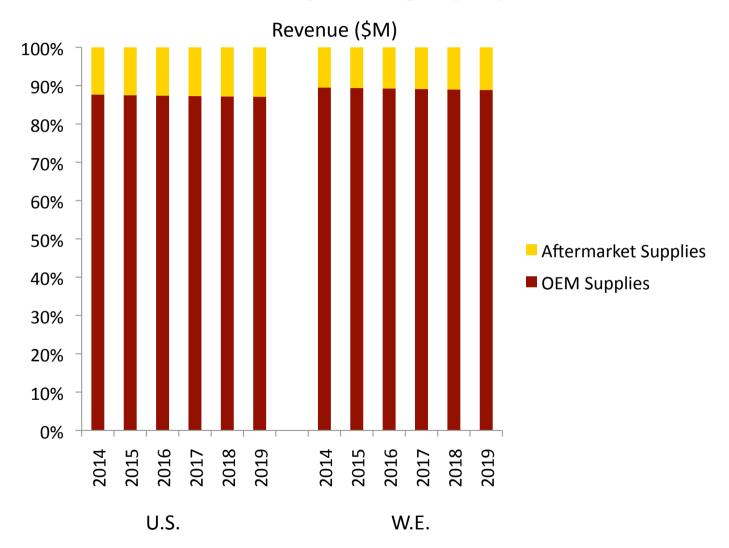
Aftermarket Share of Total Marking Supplies (\$M) Laser



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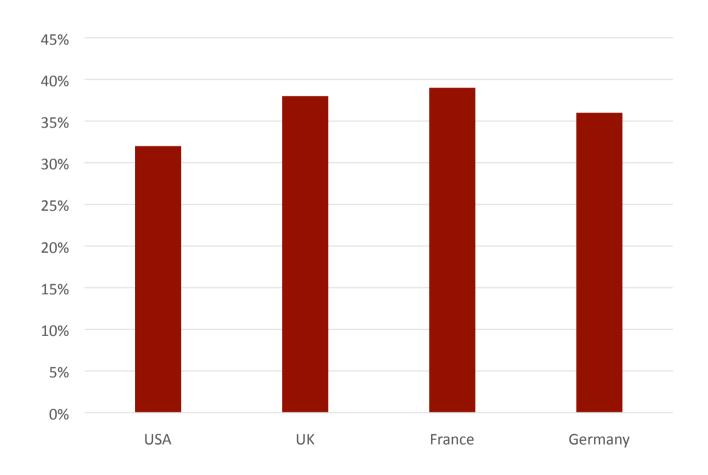


Total Laser Supplies Revenue at Final POS (\$M) Electrophotography



Vertical Market Insights Colour vs B&W Printing

On Colour devices....% of pages printed in Colour

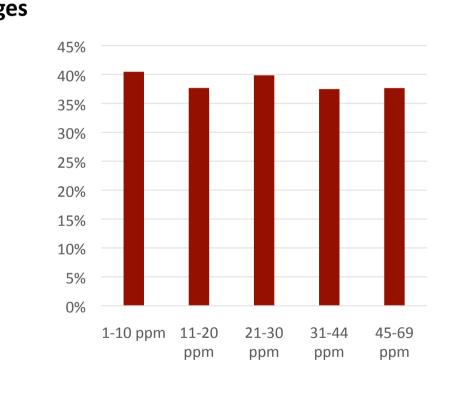


Vertical Market Insights Colour vs B&W Printing

On European Colour devices.....

	% Colour Pag
Education Professional Services Transport	<35%
Admin & Support AER Information	>45%
SF Devices MFPs	47% 36%
A3 Devices	36%

46%



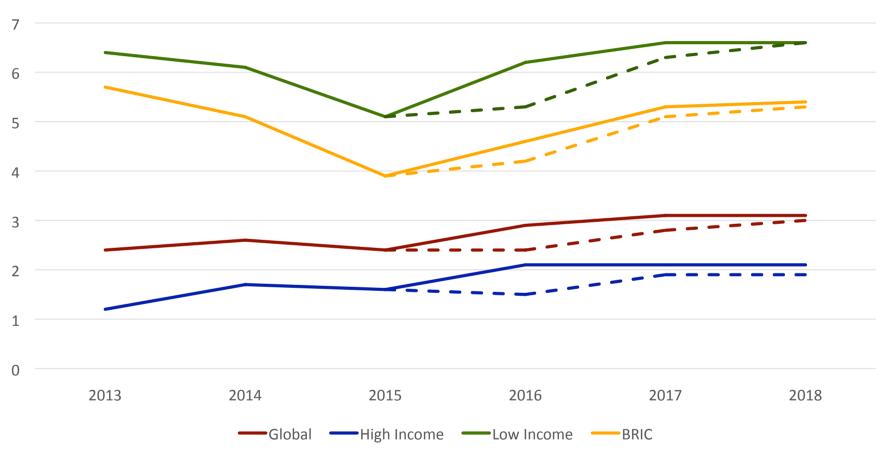
A4 Devices



Global Economy

Economic Challenges

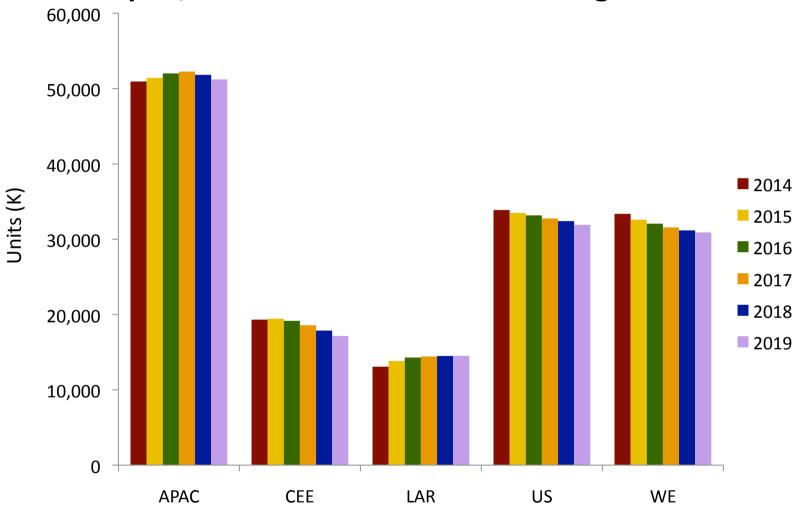
World Bank GDP Growth Forecasts – Jan vs June 2016



Economic Challenges

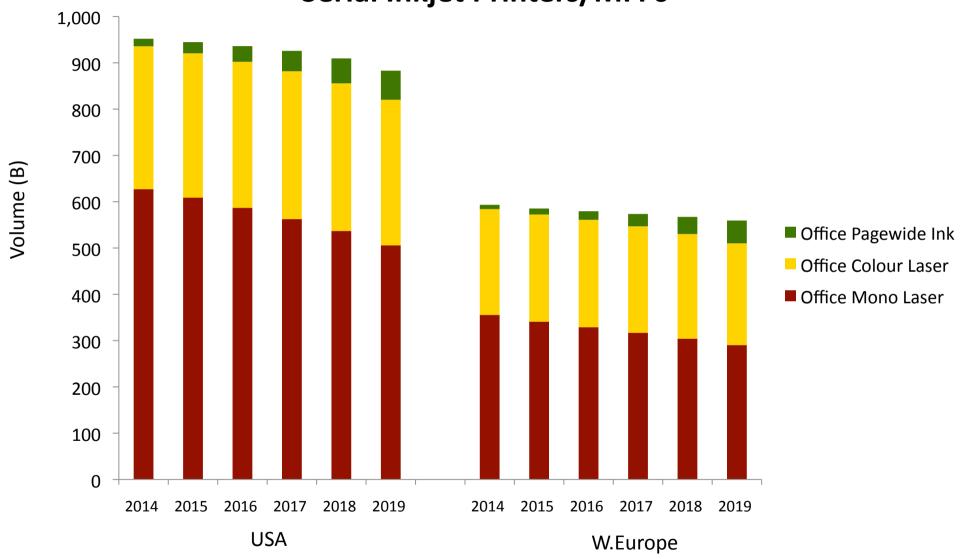
- Global Economy remains very finely balanced
 - Sustained recovery looking like a challenge
- 2016 holds a number of challenges
 - EU still faces multiple issues
 - China weakness has dented confidence
 - Brazil looking very weak
 - India debt levels
 - Russia still isolated economically
 - US managing to grow but election year could have an impact
- Office Print Volumes have never recovered to the pre 2008 levels
 - Another downturn poses significant threat

Global* Office Installed Base Forecast Copier, Printer and MFP – Laser & Pagewide Ink



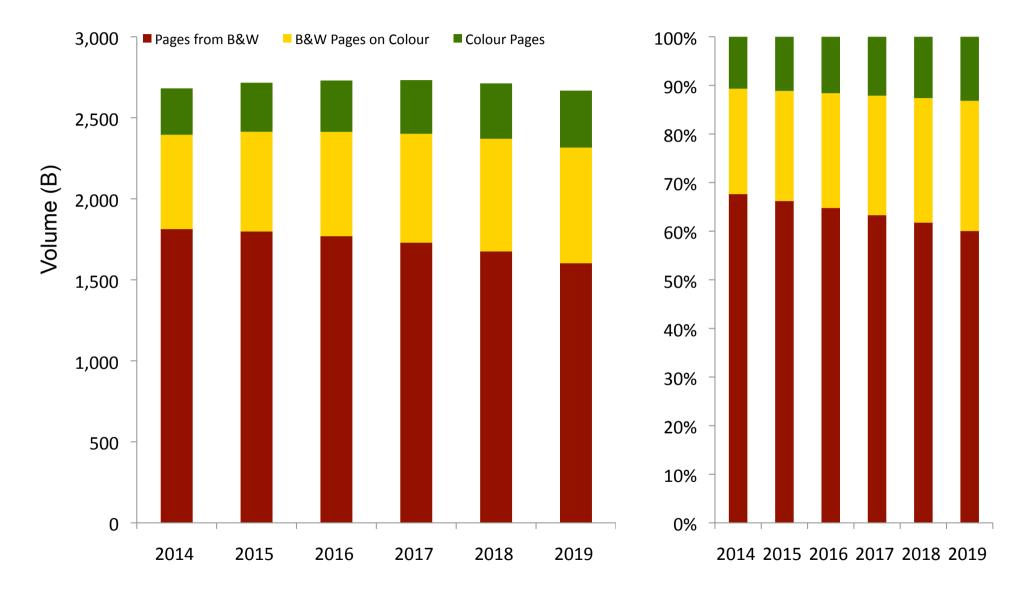
^{*} Excludes Canada and MEA

Global* Home/Office Print Volume Forecast Serial Inkjet Printers/MFPs



^{*} Excludes Canada and MEA

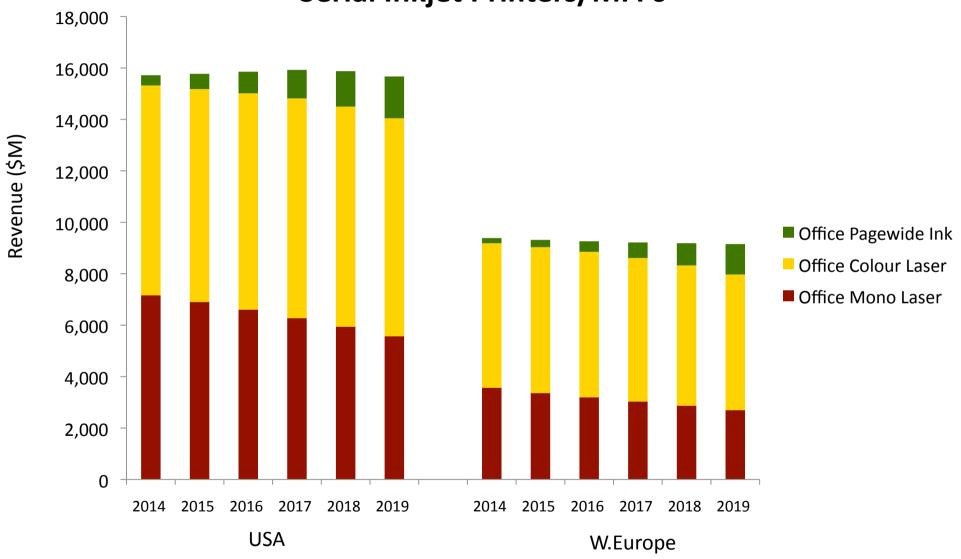
Global* Office Print Volume Forecast



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Global* Home/Office Marking Supplies Revenue Serial Inkjet Printers/MFPs

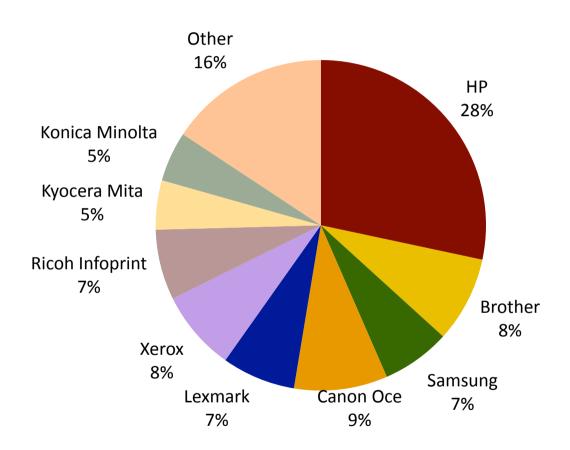


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Industry Consolidation (& deconsolidation)

Global Print Volume Share by OEM - Office



OEM consolidation

Sharp

Now owned by Foxconn, what will happen with their document division?

Toshiba

- Major downsizing due to accounting misreporting
 - How will their stake in ToshibaTec be affected

Dell

- Exiting the European market
- Oki
 - Can they continue to compete with such a minor market position

Lexmark

Acquired by Apex

Impact of market decline

- The declining revenue opportunity is changing the dynamics of the market.....
 - The number of industry participants is likely to shrink
 - Too many OEMs for such a mature category
 - Supplies retention/loyalty is becoming critical

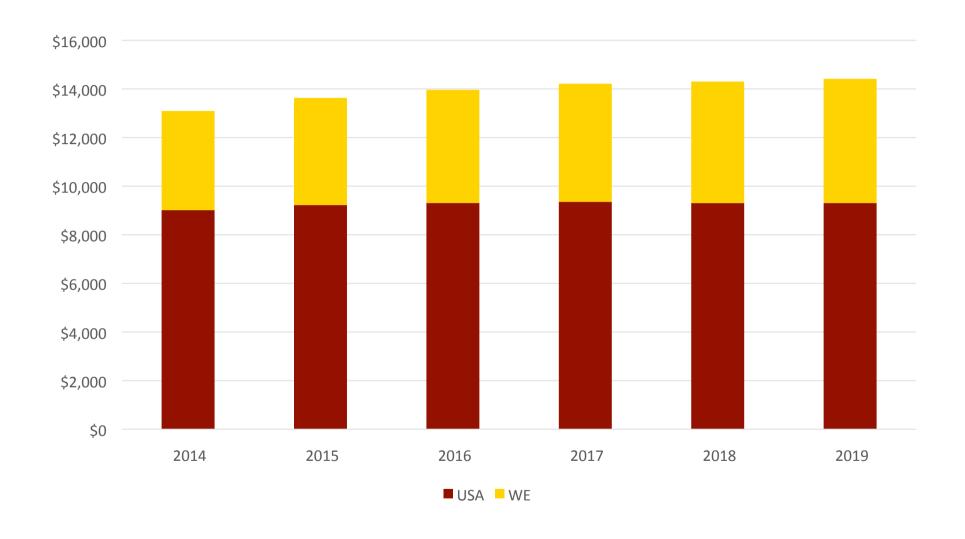


Transactional vs Contractual

Transactional vs Contractual

- In the Large/Enterprise space MPS has been present for many years
 - Market is now saturated
 - Margins on print only MPS are low
 - OEMs seemed to have picked up a bad habit from the Aftermarket......making it about price
 - Business Process Solutions/Services have become the focus
 - Puts Print OEMs up against large business outsourcing specialists

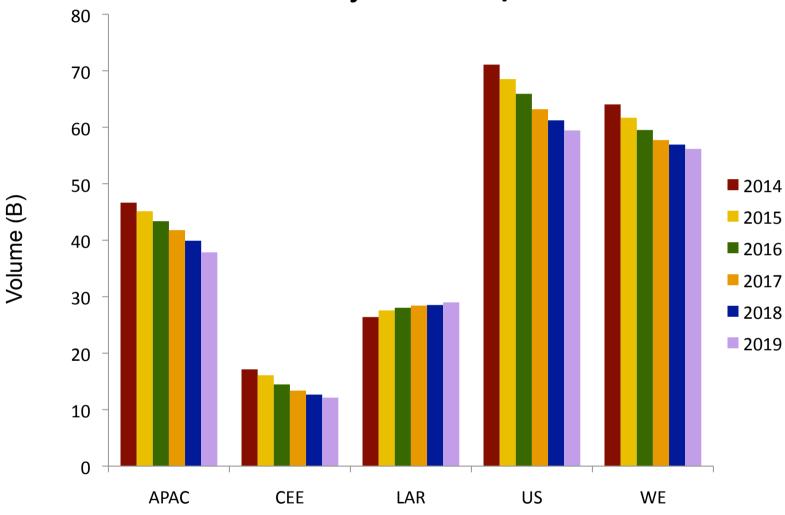
MPS Revenue Forecasts in Large/Enterprise space



OEM loyalty initiatives

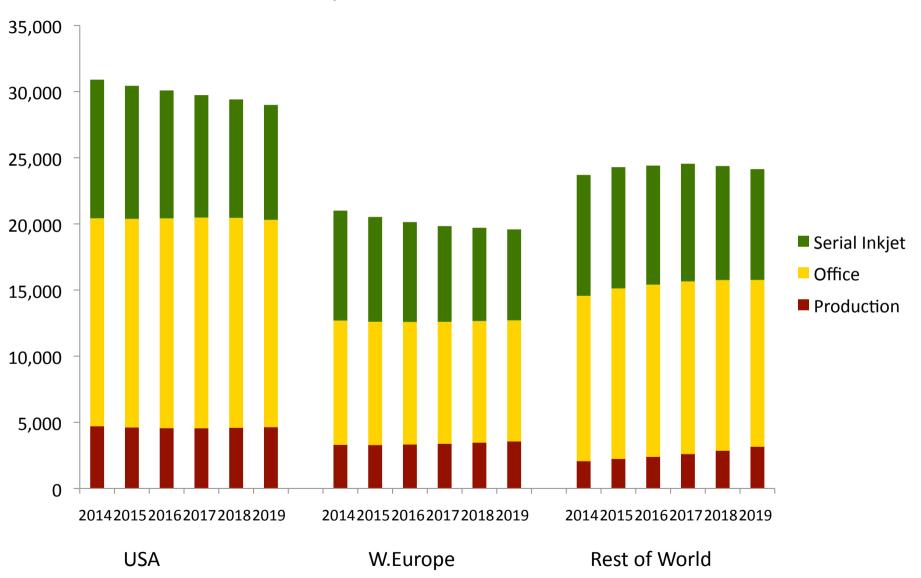
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 - Consumer Inkjet segment contracting at the greatest rate, but still very margin rich
 - HP Instant Ink, Epson EcoTank, Canon G series

Global* Print Volume Forecast Serial Inkjet Printers/MFPs



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Global* Marking Revenue Forecast Home, Office & Production



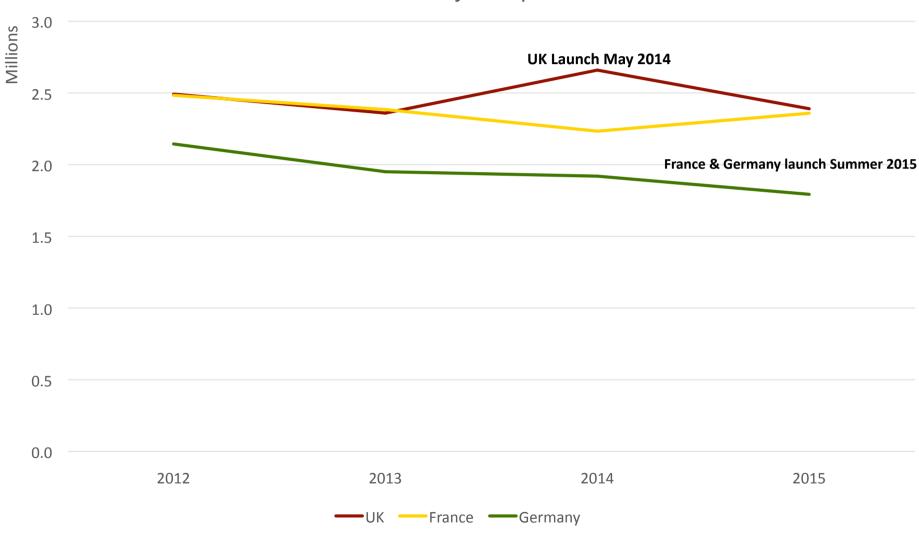
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HP Instant Ink

- UK launch supported by strong TV presence throughout 2014
 - Resulted in large share gain for HP in the UK
 - Largest selling consumer inkjet was Instant Ink capable
 - Grew the consumer inkjet category in the UK and ensured W.Europe market was flat
- Retail support is primarily among hardware focused accounts
 - Little or no supplies business to cannibalize
 - Supplies not a footfall generator
- France and Germany launches have followed
 - Retail support expected to be tougher
- US program is moving away from requiring retail support
 - Instant ink signup option during printer setup
 - Pre-purchase a \$ value of ink at even lower CPP than regular instant ink....Perhaps to offer alternative to Epson EcoTank

Instant Ink Impact

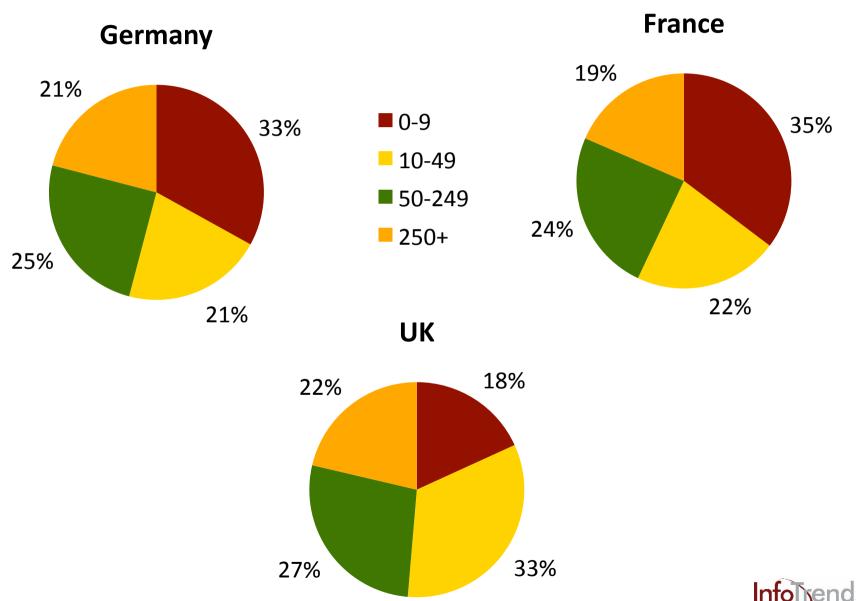
Consumer Inkjet Shipments



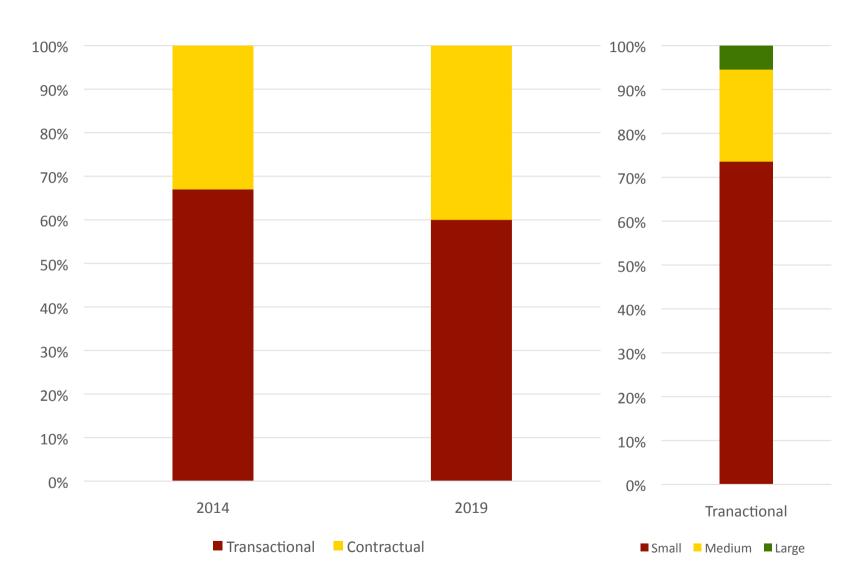
OEM loyalty initiatives

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 - Consumer Inkjet segment contracting at the greatest rate, but still very margin rich
 - HP Instant Ink, Epson EcoTank, Canon G series
- SMB will be the next real battleground...

2013 Print Volume by Company Size



W.Europe Office* Supplies Revenue Mix



^{*} Excludes Serial Inkjet





Channel

Channel Changes

- Fallout from the Staples/Office Depot merger collapse
 - Both looking at exiting the European market
- Amazon as a disruptor....
 - Launched Amazon Businesshas hit \$1bn in sales
 - Has expressed interest in buying Office Depot's B2B business in the **USA**
 - Has expressed interest in buying the largest independent contract stationer in the USA
 - Brother are enabling Amazon Dash in their devices

Global Trends Summary

Economic uncertainty

- **OEM Price rises?**
- Cost controls?

Long term print volume erosion

- Land grab...particularly in SMB
 - Cost per page being driven down
- Move away from transactional to contractual
 - Print/Supplies as a service

Industry consolidation

- Fewer, stronger OEMs?
- Fewer, stronger Third Parties?

Growth opportunities still exist!!!!!

- Colour is the growth engine for OEMs and Aftermarket
- SMB is where print volumes are remaining strongest



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