

Digitalni tisk danes

Admir Joldič

Vodja programa produkcija

Xerox Slovenija d.o.o.



Korporacija Xerox

Sedež:

Norwalk, Connecticut, USA

Zaposleni:

65.000, s prevzomom ACS 130.000

CEO:

Ursula M. Burns

Letni promet v 2009:

15.2 mlrd USD



Korporacija Xerox

160 countries



Xerox po regijah

■ North America

- Canada
- United States

■ Developing Markets

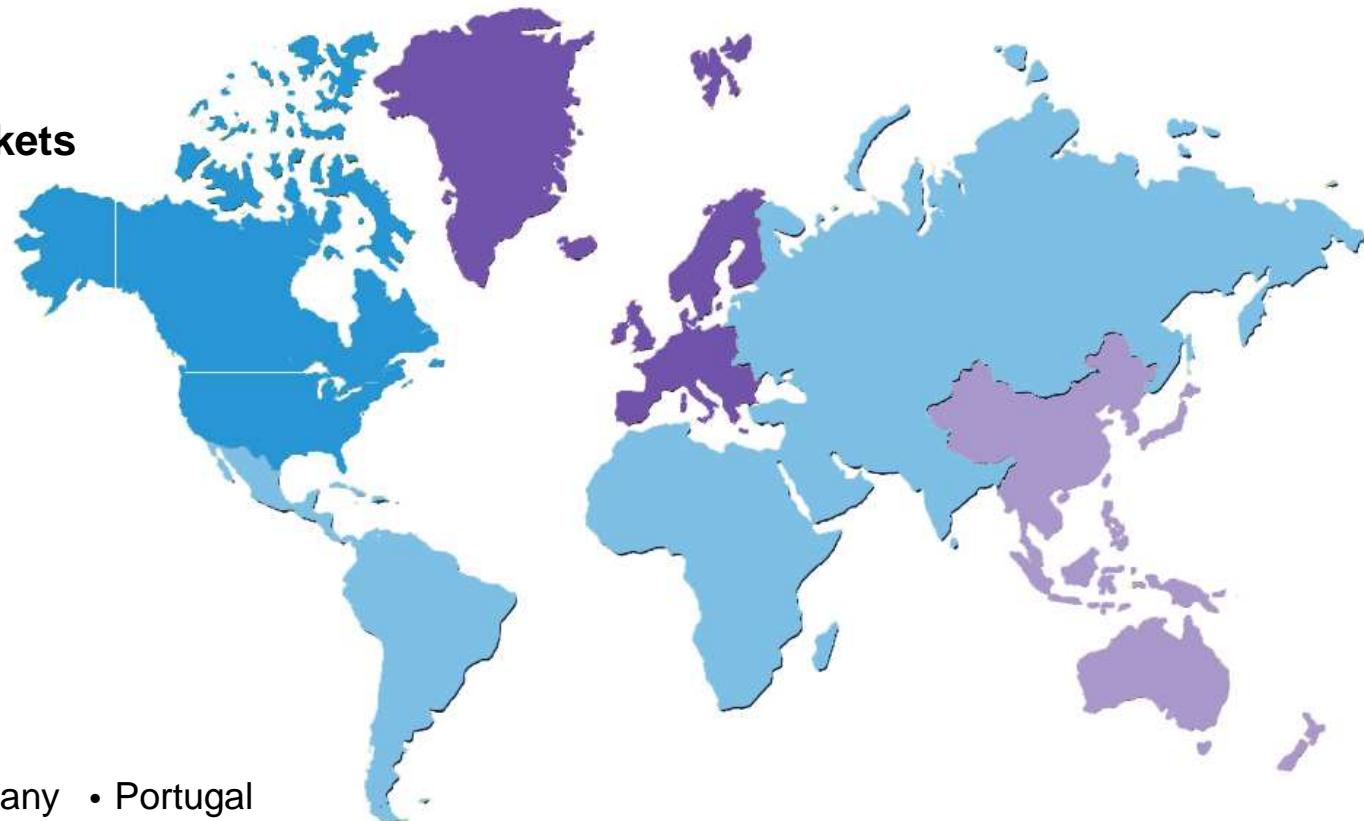
- Africa
- Eastern Europe
- Latin America
- Middle East
- South Asia
- Russia

■ Fuji Xerox (joint venture)

- Asia Pacific
- Australia
- New Zealand

■ Europe

- | | | |
|-----------|-----------|---------------|
| • Austria | • Germany | • Portugal |
| • Belgium | • Greece | • Spain |
| • Denmark | • Holland | • Sweden |
| • Finland | • Italy | • Switzerland |
| • France | • Norway | |
| | | • UK |



Zgodovina Xeroxa 1906-2010



Xerox's early products were founded in Rochester.
[> more](#)

The Haloid Company
1906

The M.H. Kuhn Company, founded in 1903, becomes the Haloid Company on April 18, 1906 in Rochester, New York, to pursue the business of manufacturing and selling photographic paper.

[view previous](#) [view next >](#)

[close](#)

0s | 1980s | 1970s | 1960s | 1950s | 1940s | 1930s | **1900s** [06]

Zgodovina Xeroxa 1906-2010

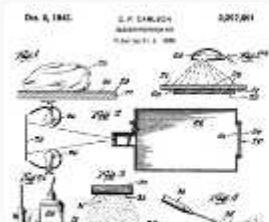


Haloid Company Stock

1936

In order to raise funds for purchase of the Rectigraph Company, the Haloid Company issues its first offering of public stock on September 16.

[close](#)



Electrophotography Patent

1942

Chester Carlson receives U.S. patent No. 2,297,691 on October 6 for electrophotography — later called xerography — the technology that will revolutionize the world of document imaging.

[close](#)



Xerox Corporation

1959

The fast, economical Xerox 914 — the first automatic, plain-paper commercial copier — is announced to the public on September 19 in a televised demonstration and subsequently revolutionizes the industry.

[close](#)



First Xerographic Image

1938

Inventor Chester Carlson, pursuing the concept of electrophotography in his spare time, makes the first xerographic image in his Astoria, Queens, New York City lab — a handwritten notation of "10-22-38 ASTORIA".

[close](#)



Xerography and Xerox

1948

Xerography is formally announced on October 22 at the Optical Society of America Annual Meeting in Detroit, Michigan — the same year the word "Xerox" is trademarked for future use.

[close](#)

Automatic Duplex

1970

We introduce two-sided copying, which reduces paper costs, saves time previously spent reinserting pages, saves paper storage space and lessens the environmental impacts of making and using paper.

[close](#)



Zgodovina Xeroxa 1906-2010



Ethernet

1973

An internal memo coins the term "Ethernet" to describe a proposed system of interacting workstations, files and printers, linked via coaxial cable within a local area network, which components can join or leave without disturbing data traffic.

[close](#)



PC Innovations

1974

Xerox PARC terms its cut-and-paste bitmap editor as "WYSIWYG"; demos Bravo, the word-processing program that leads to Microsoft Word; and introduces device-dependent imaging, which enables page description languages like Postscript.

[close](#)

XEROX

Xerox.com

1986

Foreseeing the tremendous growth and utility of the Internet, we register www.xerox.com — the seventh ".com" top-level domain name to be registered with the Department of Defense.

[close](#)

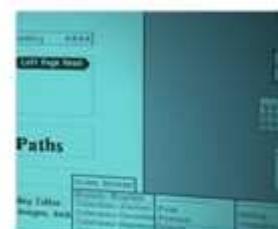


Alto Personal Computer

1973

Xerox PARC prototypes Alto — the world's first personal computer — with the first "what-you-see-is-what-you-get" (WYSIWYG) editor, first commercial use of a mouse, graphical user interface (GUI) and bit-mapped display.

[close](#)



GUI

1975

Xerox PARC debuts the first graphical user interface (GUI), which uses icons, pop-up menus and overlapping windows with simple point-and-click control — an innovation that will dramatically influence PC interface design.

[close](#)



50 Series for 50 Years

1988

Fifty years after Chester Carlson produced the first xerographic image in his Astoria, Queens, New York lab, our 50 Series copiers launch to recognize his game-changing achievement.

[close](#)

xerox 

Zgodovina Xeroxa 1906-2010



The Document Company

1994

A partially digitized red "X" makes its debut as the new corporate symbol in red — a change from blue — supported by a signature underscoring our leadership position: "The Document Company — Xerox®".

[close](#)



Touch-Screen Technology

1995

Anticipating the handheld device explosion of the following decade, Xerox PARC-developed technology that enables simple, single-stroke touch-screen input for palm-sized devices is patented.

[close](#)

Solid Ink Printing

2000

We launch the Phaser 850 color printer — our first to utilize non-toxic, cost-saving solid ink technology — and raise the bar for office color printing with brilliant quality prints at a market-leading 14 pages per minute.

[close](#)



New Corporate Identity

2008

Our new logo features the Xerox name in vibrant red, all-lowercase type, adjacent to a spherical symbol with lines that form an "X" to represent our connection to customers, partners, industry and innovation.

[close](#)



XMPie

2006

Adding to our business solutions portfolio, we acquire XMPie, a leading provider of variable information software, which enables personalized marketing programs across print, web, email and more.

[close](#)

ColorQube™ Multifunction Printer

2009

Combining our advanced multifunction product leadership and proven solid ink technology, the ColorQube 9200 series delivers breakthrough business advantages in cost, speed, ease of use and sustainability.

[close](#)

Zgodovina Xeroxa 1906-2010

Xerox acquires ACS

A xerox Company

Xerox acquires Computer Services

more

Xerox acquires Affiliated Computer Services, Inc. (ACS) 2010

By purchasing ACS, the world's largest diversified business process outsourcing (BPO) firm, we become a \$22 billion global leader in business process and document management.

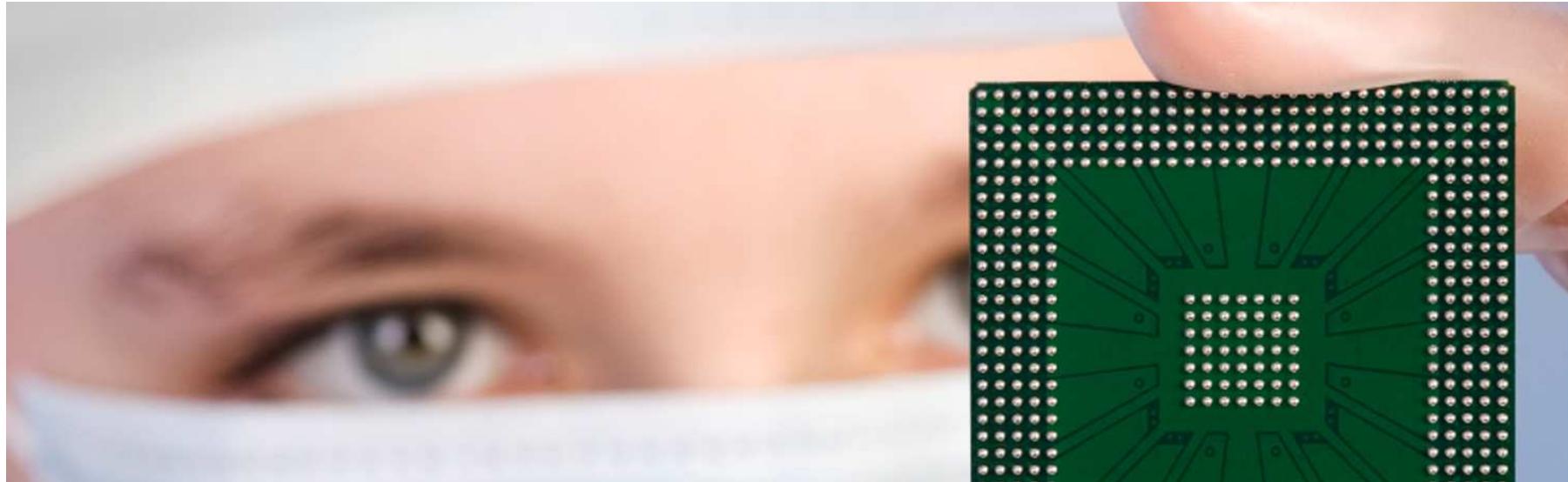
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2010s 10 | 2000s | 1990s | 1980s | 1970s | 1960s | 1950s | 1940s

Naša vlaganja v inovacije



Innovation keeps us in the forefront of our industry.

- Broadest portfolio of documents systems, software and solutions in industry.
- Five percent of revenue dedicated to R,D&E.
- 55,000 worldwide patents*.
- Four R&D centers: U.S., Canada, Europe.

We received the U.S. National Medal of Technology, "recognizing over fifty years of innovation..."



*Earned in partnership with Fuji Xerox

Xerox Slovenija



Xerox Slovenija d.o.o.

Skrbimo za uveljavitev
Xeroxa na slovenskem trgu.

Ustanovitev: 1994

Sedež: Bravničarjeva 13, Ljubljana

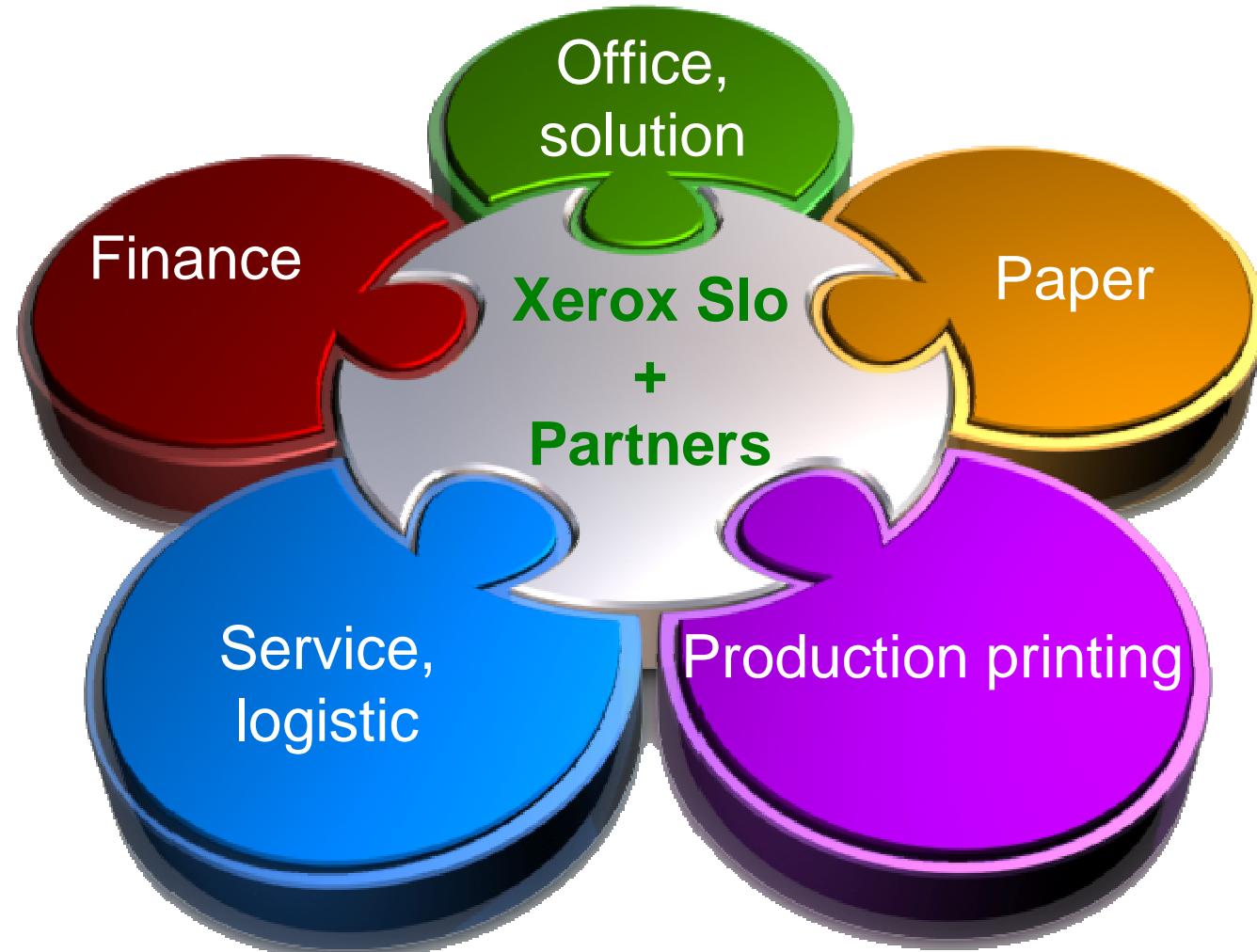
Število zaposlenih: 18

Način poslovanja: Partnerska mreža, Distribucija, Direktna prodaja

Lastništvo: Xerox LTD.

Rast 2009-2010: 23%

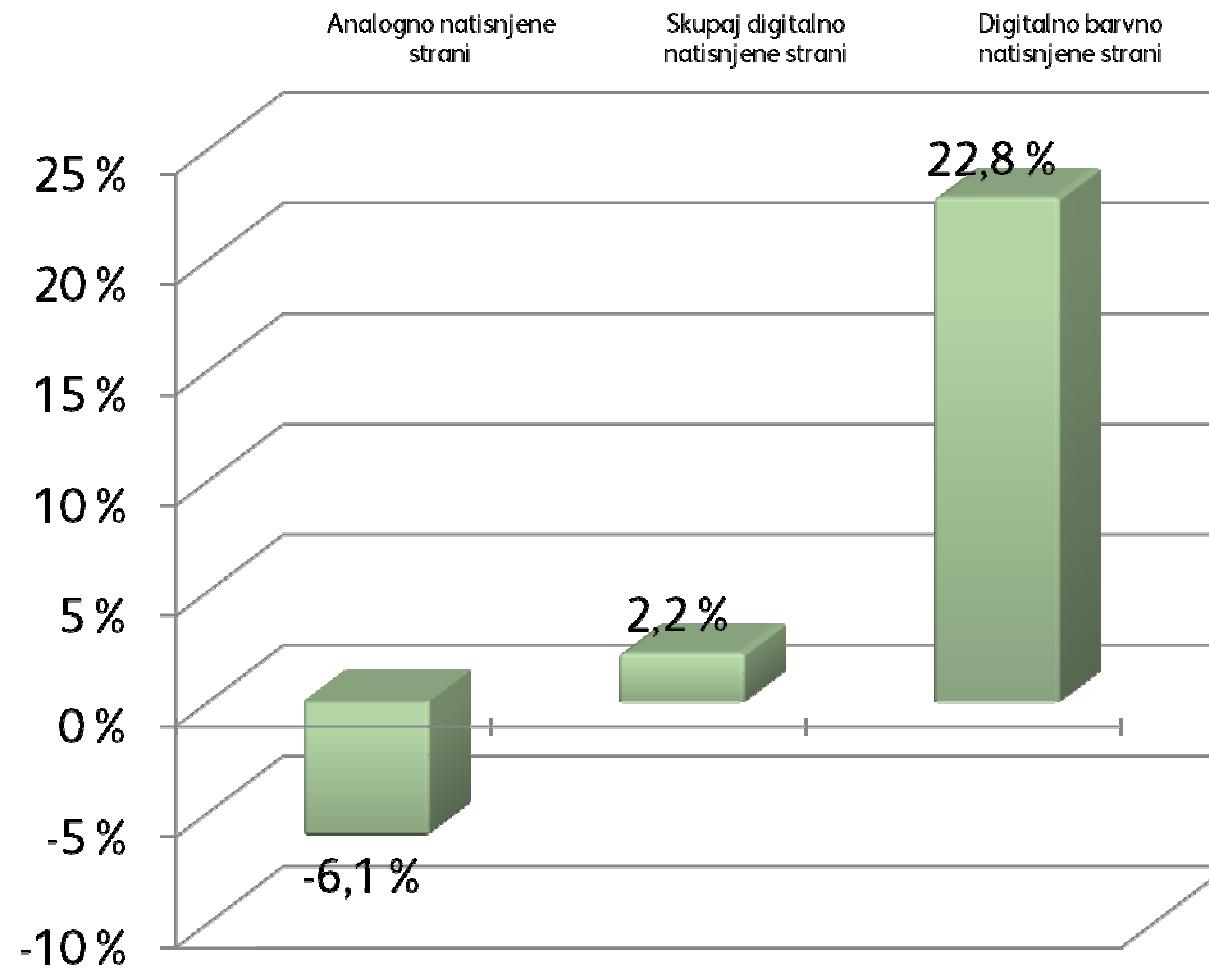
Glavne usmeritve



Kako vidimo gospodarsko situacijo danes?

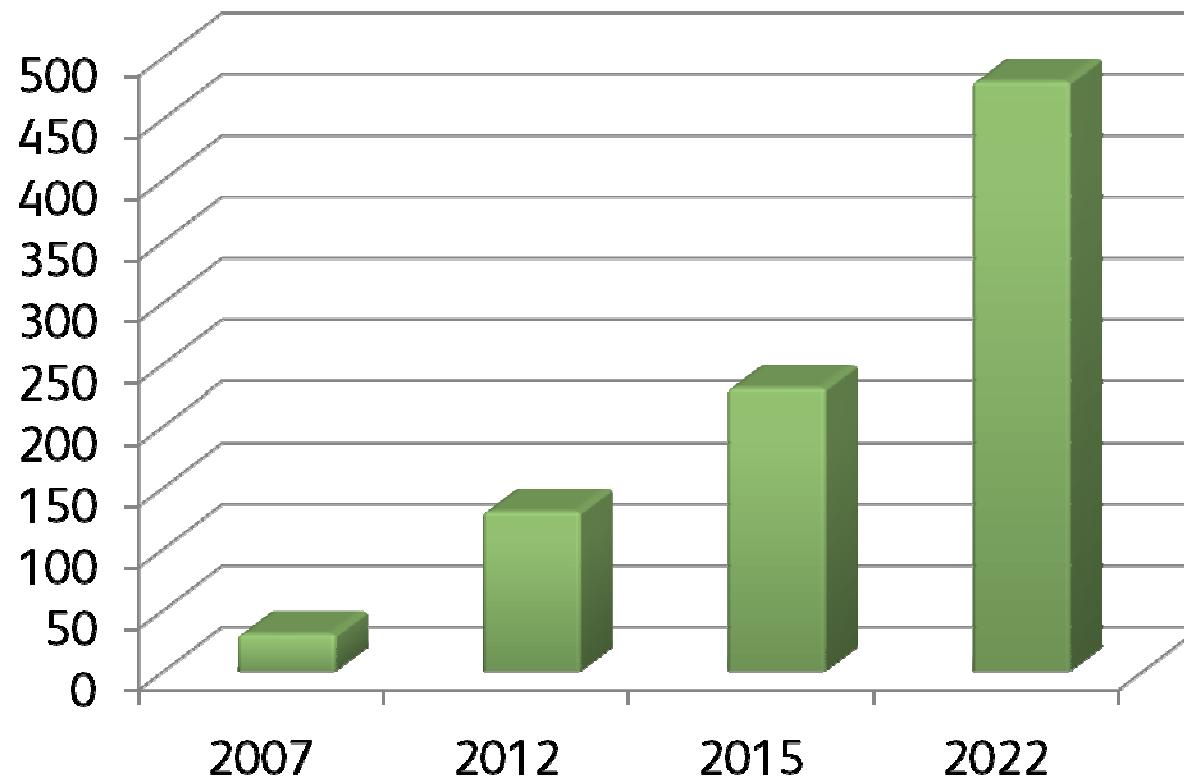


Smernice – Prihodnost je digitalna?



Rast digitalnega
tiska v 2008-2009
in upad
analognega.

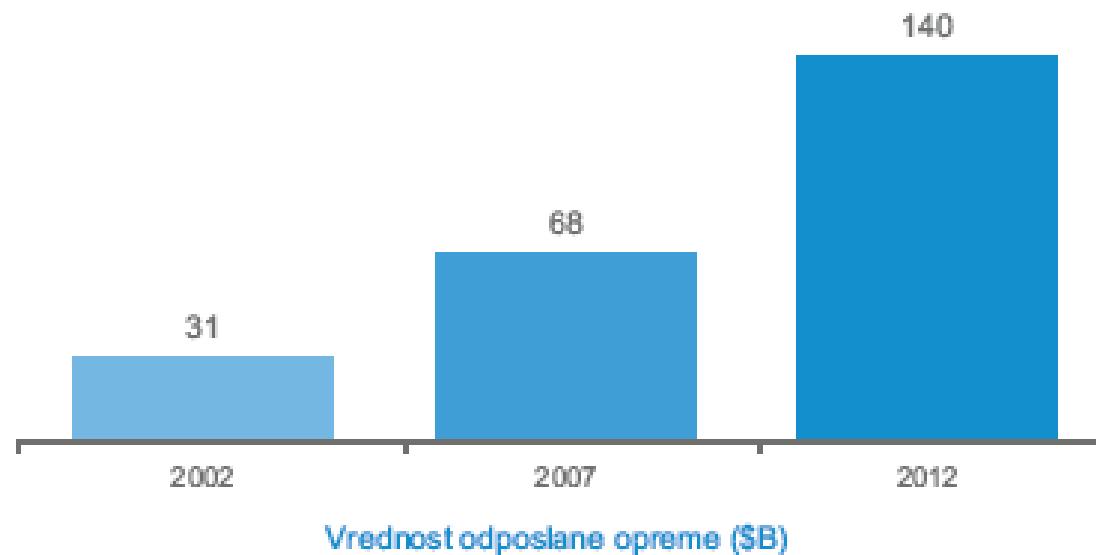
Smernice – Prihodnost je digitalna?



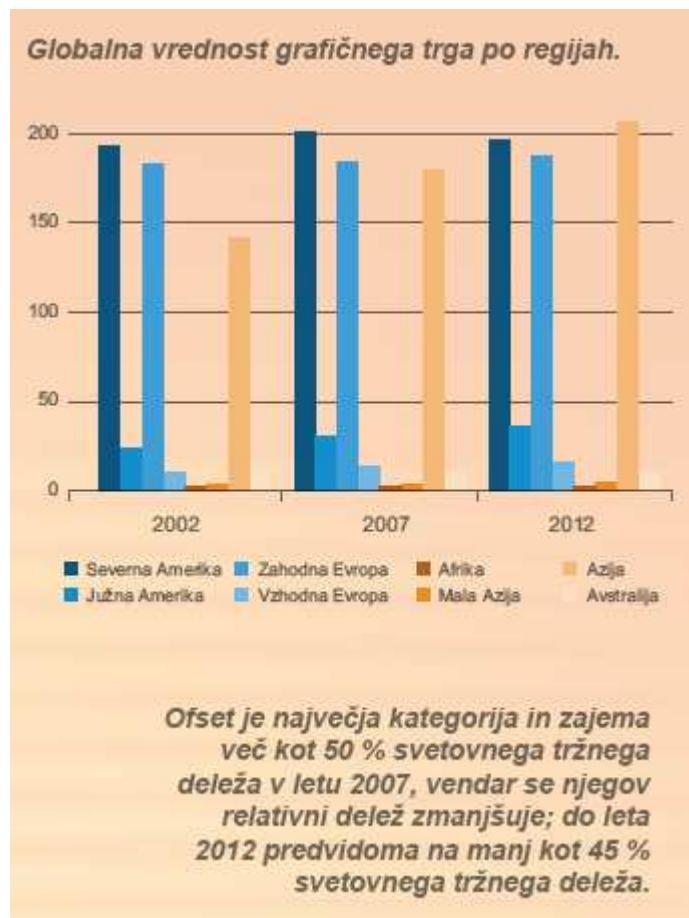
Predvidena 100-bilijonska rast
digitalno natisnjeneih barvnih
strani do leta 2012. Vir: Caslon

Smernice – prihodnost je digitalna?

V letu 2007 je bila skupna tržna vrednost digitalnega tiska 53,9 milijarde evrov, torej za 122 % več kot leta 2002. Pričakuje se, da se bo ta vrednost podvojila v naslednjih petih letih.



Smernice – prihodnost je digitalna?

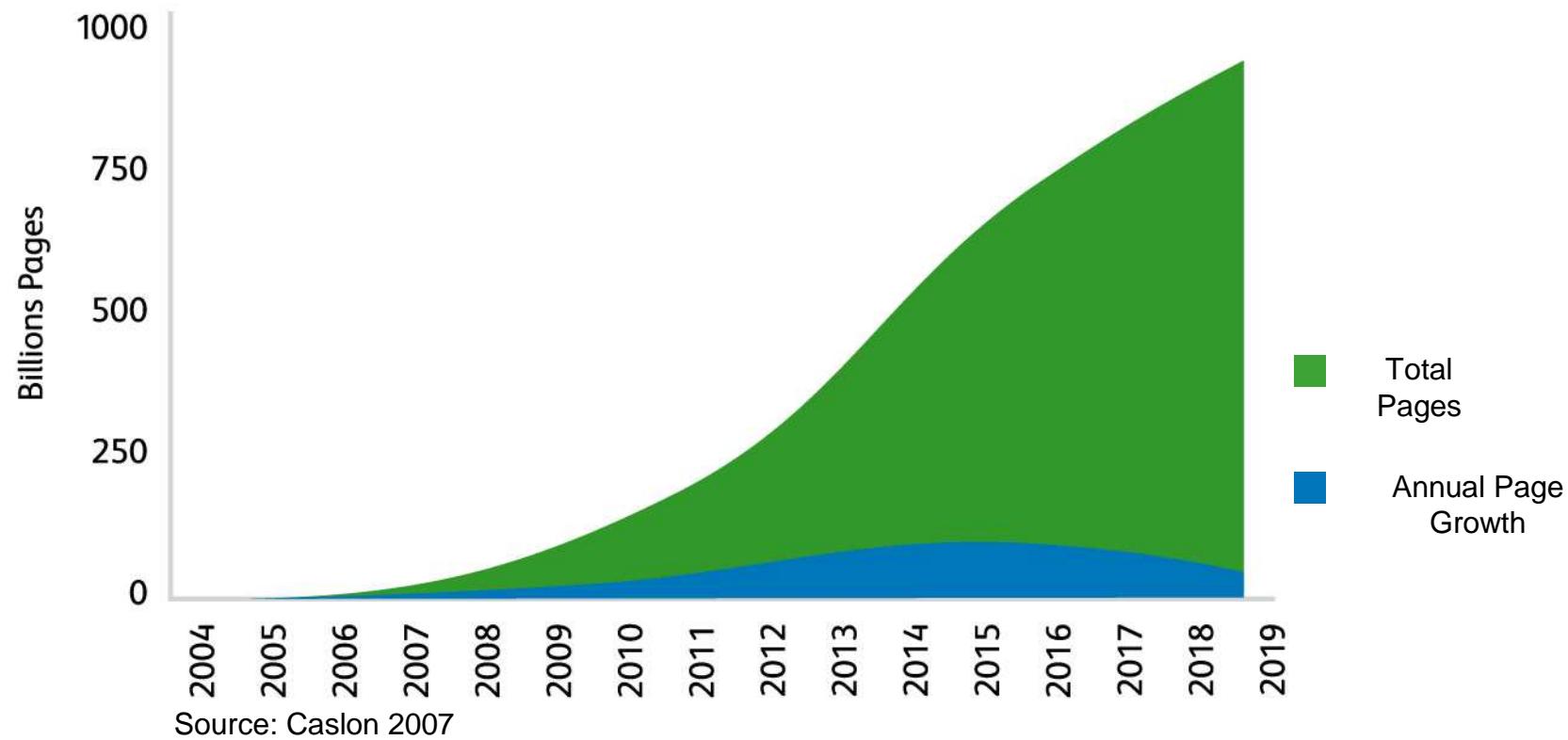


Da bi razumeli dramatične spremembe v grafični industriji, moramo najprej razumeti, kako je strukturirana.

Po podatkih agencije za svetovanje na področju grafične industrije – Pira Internacional je globalni grafični trg ocenjen na več kot 491 milijard evrov v letu 2007 in se bo predvidoma povečal samo za 5,5 odstotka, na 518 milijard evrov do leta 2012 v stalni valuti .

Smernice – Prihodnost je digitalna?

Do 2013: 100 mld novih strani letno



Zakaj rast Digitalnega tiska?

Manjše naklade / krajsi roki



Več kot 48 % tiskarn zaznava vse manjše naklade. Vir: NAPL

Danes 78 % vseh barvnih naročil šteje manj kot 5000 kosov.

Vir: Strategies for Management Commercial Print

59 % tiskarn občuti pritisk krajših rokov. Vir: NAPL 2010

24-urna realizacija večine naročil je nekaj povsem običajnega. Vir: Interquest

1:1 marketing



V 28 % predstavlja dodano vrednost. Vir: InfoTrends / CAPV June '04

Danes je 30 % digitalnih barvnih tiskovin personaliziranih ozziroma variabilnih. Vir: Interquest V 54.4 % je digitalni tisk variabilen,

1:1 marketing je v letu 2009 ključnega pomena za investicije tiskarn v digitalni neposrednega naslavljanja v digitalnem tisku v letu 2009 ključnega pomena za investicije tiskarn v digitalni tisk. Vir: NAPL

Spletna orientiranost

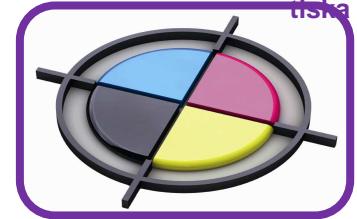


30 % ponudnikov tiskovin ponuja tudi spletno naročanje ozziroma spletni tisk. Vir: InfoTrends / CAPV

18 % več naročil letno je oddanih prek spletnih vmesnikov.

Vir: InfoTrends / CAPV

Rast barvnega digitalnega tiska



Rast digitalnega produkcijskega tiska v Zahodni Evropi je predvidena z 21 bilijonov izpisanih strani v letu 2007 na več kot 215 bilijonov strani do leta 2015.

Vir: Caslon & Company
Do leta 2012 je predviden delež skupaj globalno izdelanih tiskovin več kot 21 %, v letu 2007 je ta znašal 11 %.

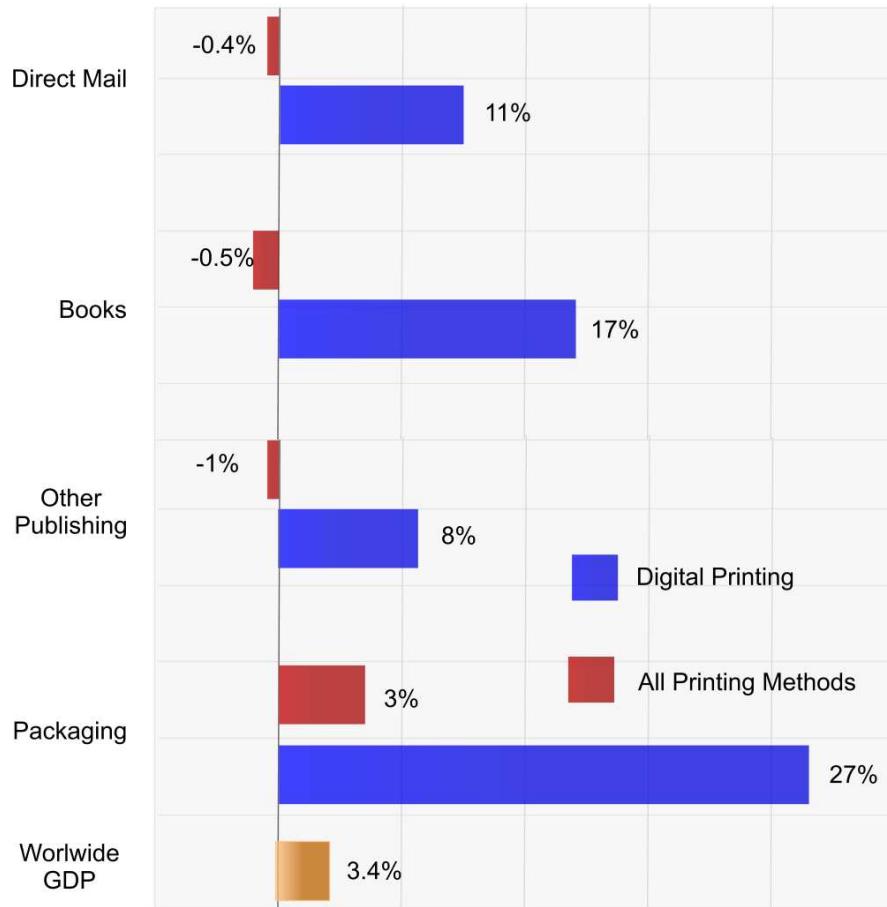
Vir: Pira International
Delež dobička od vseh prihodkov se je od leta 2006 dvignil s 14 na 22,4 %, v letu 2010 še vedno raste

skupaj z vse večjim obsegom naročil in posledično več prihodki.

Vir: NAPL

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Projekcije rasti digitalnega tiska



Projected Annual Growth Rate For Printed Products 2005-2015:

- Among major print applications, only Packaging is forecast to keep pace with GDP
- Digital printing is a growth opportunity everywhere... especially packaging

Sources:
PIRA, 2006
Caslon & Co., 2006
US Government, 2006

Smernice – prihodnost je digitalna?

Explozivna rast v barvah

1. Največja rast v Severni Ameriki in Evropi
2. V 2007 barvni digitalni tisk doživel 40% porast, na več kot 30 mlrd natisnjениh strani v S. Ameriki in več kot 21 mlrd v zahodni Evropi
3. V 2012 se pričakuje porast na več kot 145 mlrd strani v S. Ameriki in več kot 100 mlrd natisnjениh strani v zahodni Evropi
4. Črno/beli tisk je še vedno sposoben preživeti in najti tržno nišo

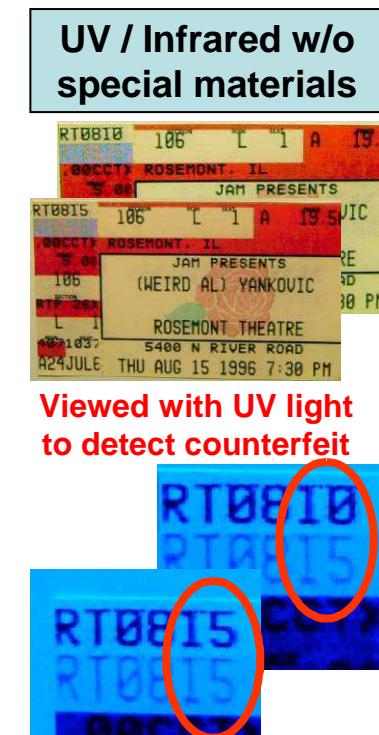
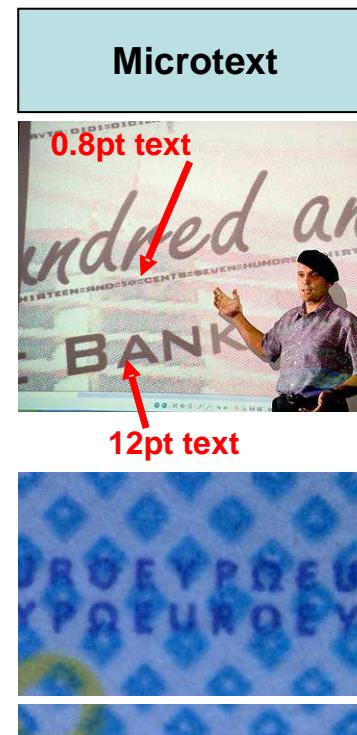
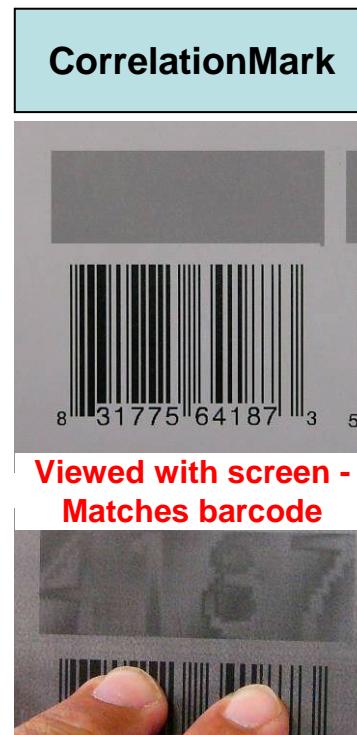
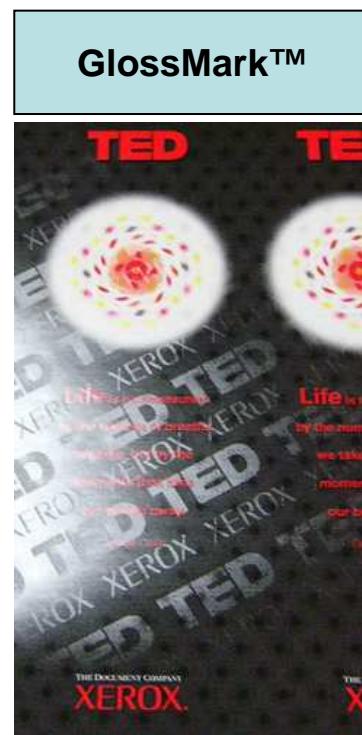


Enostavna možnost zaščite aplikacij v digitalnem tisku

Xerox has a portfolio of digital printing features that are:

- Difficult to duplicate or counterfeit
- Adds no cost to the printing process
- Fully variable to suit run length as short as unit of 1

Roughly 7% to 8% of world trade every year is in counterfeit goods
Interpol



Najbolj rastoči trgi

Digitalni tisk embalaže

Se uporablja v farmacevtski in kozmetični industriji, kjer je tako omogočen ti sk »na zahtevo« in personaliziranih podatkov, kot so posebne informacije za kupce, klinična testiranja, profesionalni testni vzorci in podobno.

Pričakovana rast v tem delu je s 580 milijonov v letu 2005 na 6 milijard dolarjev do leta 2015.



The Solution:



Critical Customer Requirements:

- Enhanced light fastness (magenta)
- Aqueous coating
- Automated back end to minimize manual operations

**Xerox iGen4
Digital Production
Press**



**Epic CTi-635 Inline
Coater**



**Stora Enso Gallop
Buffering Stacker
Line**

**Stora Enso Gallop
DC58 Die Cutter**

Najbolj rastoči trgi

Trg foto aplikacij

Je eden najbolj rastočih v zadnjih letih. V času, ko tudi na področju fotografije prevladuje digitalna tehnologija, je čedalje več povpraševanja po fotoknjigah, koledarjih, ...

Ponudniki storitev digitalnega tiska s pomočjo interneta in drugih vmesnikov ponujajo preprost način ustvarjanja fotoizdelkov.

Raziskave podjetja InfoTrends kažejo na to, da se bo ta trg večal za slabih 25 % do leta 2012.



Kako prodati digitalni tisk?



Prodajati je treba rešitve!

**Namesto prostih kapacitet
vaših strojev - kupcem
prodajajte rešitve njihovih
problemov!**

Mitja Košak: Solos
d.o.o.



Novosti, izbojšave, ...!

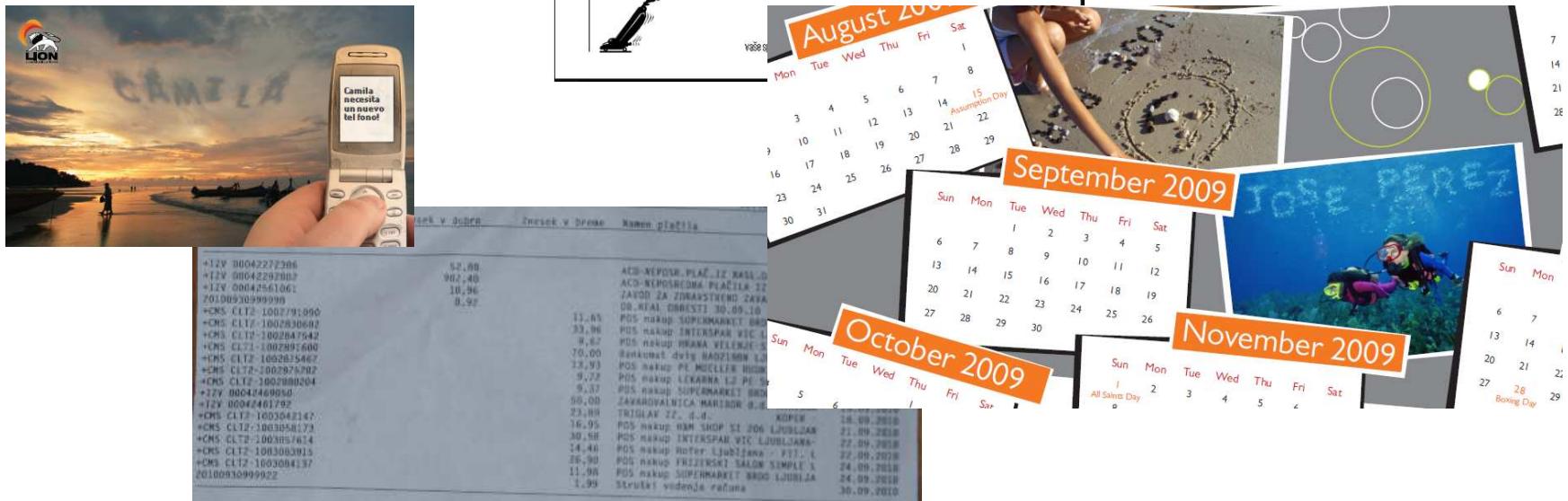
»Hitrejši stroji in boljša organiziranost zdaj niso več najpomembnejši, konkurenco prehitevajo tisti, ki kupcu ponudijo novost, izboljšan izdelek,
ne glede na to, na katerem stroju je narejen.«

Mitja Košak: Solos
d.o.o.



Variabilni tisk – kaj to je?

- Naslov na kuverti?
- Naslov na dopisu?
- Dotisk bar kode, serijske številke?
- Transakcijski tisk?
- Slikovna personalizacija



Moč personalizacije



1



2

Plus
44
%



3

Plus
45%



4

Plus
135%



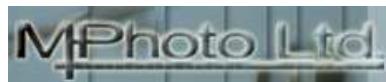
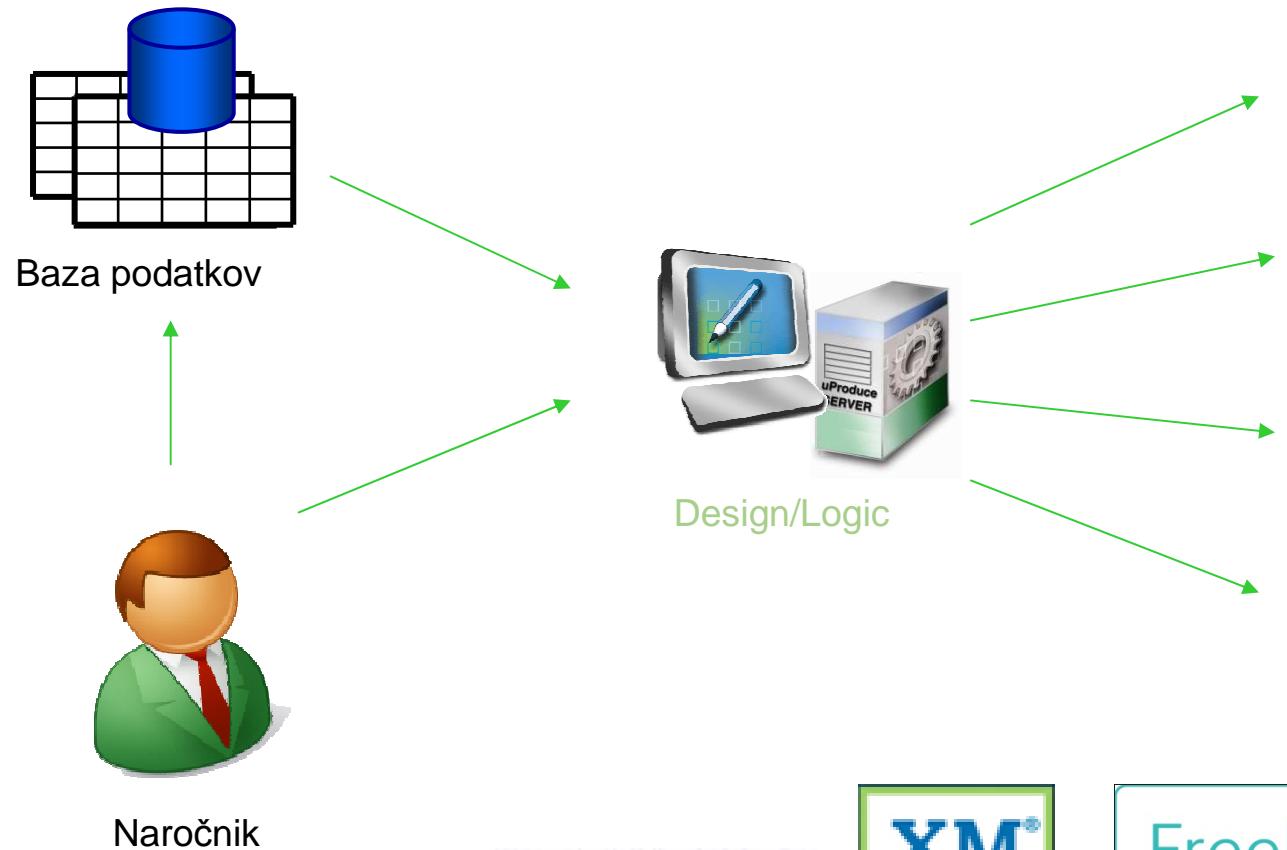
5

Plus
500%

Source: Romano & Broudy

xerox

Kaj potrebujemo za tisk Variabilnih podatkov?



Elixir

FreeFlow®
Digital Workflow Collection



Primeri dobre prakse:

AV Studio Velenje, www.fotonaredi.si

Prijava e-mail Geslo Včlanite se | Geslo?

 fotonaredi.si

[Foto izdelki](#) [Navodila](#) [Cenik](#) [Informacije](#) [Kontakt](#)



Foto čokolada!

Sladko presenečenje mamljivega okusa. Temna, mlečna ali bela. To je personalizirana čokolada v škatlici z vašo fotografijo!



Foto knjige

Najlepši spomini si zaslužijo dostojno mesto. Zberite jih v kakovostno izdelano foto knjigo trde vezave, ki vas bo vselej znova popeljala v čas najlepših trenutkov.



**BREZPLAČNA
Foto knjižica!**

Včlanitveno darilo

Foto knjižica ki vam jo ob včlanitvi podarimo je brezplačna, spomini ki jih hrani so pa neprecenljivi.

Kaj lahko Xerox ponudi?



We Invented the Industry

- 1953: First full-color xerographic prints developed in Xerox lab
- 1972: Launched Xerox® 6500, the world's first color xerographic machine
- 1993: Xerox 5775, first Xerox digital color xerographic copier
- 1996: Xerox DocuColor® 40
- 2000: Xerox DocuColor 2000 Series
- 2002: Xerox DocuColor 6060™; Xerox DocuColor iGen3®
- 2003: Xerox DocuColor 5252
- 2004: Xerox DocuColor 8000
- 2005: Xerox DocuColor 240/250 and DocuColor 7000
- 2006: Xerox DocuColor 5000
- 2007: Xerox DocuColor 260 and DocuColor 7000AP/8000AP
- 2008: Xerox DocuColor 5000AP, Xerox 700 and Xerox iGen4®
- 2009: Xerox DocuColor 7002/8002 Digital Presses
- 2010: Xerox Color 800/1000 Presses



Chester Carlson invents xerography



Xerox 700 Digital Color Press



Xerox iGen4 110



Xerox DocuColor 7002/8002



Xerox Color 800/1000 Press

Award-Winning Technology



National Medal of Technology
"Recognizing over fifty years of innovation in
marking, materials, electronics and
communications"

iGen3® and iGen4®



DocuColor® 7000AP/8000AP/ 7002/8002 Family



DocuColor® 5000AP



Xerox® 700



DocuColor® 242/252/260



Trenutna situacija na trgu:

- velik javno finančni primankljaj, stavke
- potrebna dokapitalizacija NLB,
- banke ne odobravajo oz. so zaostrike odobravanje novih kreditov,
- podaljšanje kratkoročnih kreditov je oteženo ...
- državni uradniki obnavljajo hiše brez računov...

Xerox ponuja naslednje finančne rešitve



Xerox vam ponuja naslednje možnosti nakupa

- 1. Plaćilo opreme ob dobavi**
 - 2. Operativni leasing – veliki posli**
 - 3. Finančni leasing – od enega do več tiskalnikov**
- * Začetek Xerox finančnega leasinga v avgustu 2010.
 - **Prednost leasinga:**
 - namenjen predvsem pravnim osebam, ki z investiranjem v osnovna sredstva skrbijo za svojo konkurenčnost, bančne kredite pa uporabljajo kratkoročno za obratna sredstva

Zakaj XEROX finančni leasing?

- Kontakt z enim samim partnerjem
- Informacija o davčni številki
- Mesečni obroki so fiksni ves čas pogodbenega razmerja
- Možna menjava "staro za novo" tehnološko naprednejšo pred potekom veljavne leasing pogodbe brez dodatnih stroškov
- Ni stroškov odobritve leasing
- Možnost leasinga brez pologa

Pogoji za pridobitev Xerox finančnega leasinga:

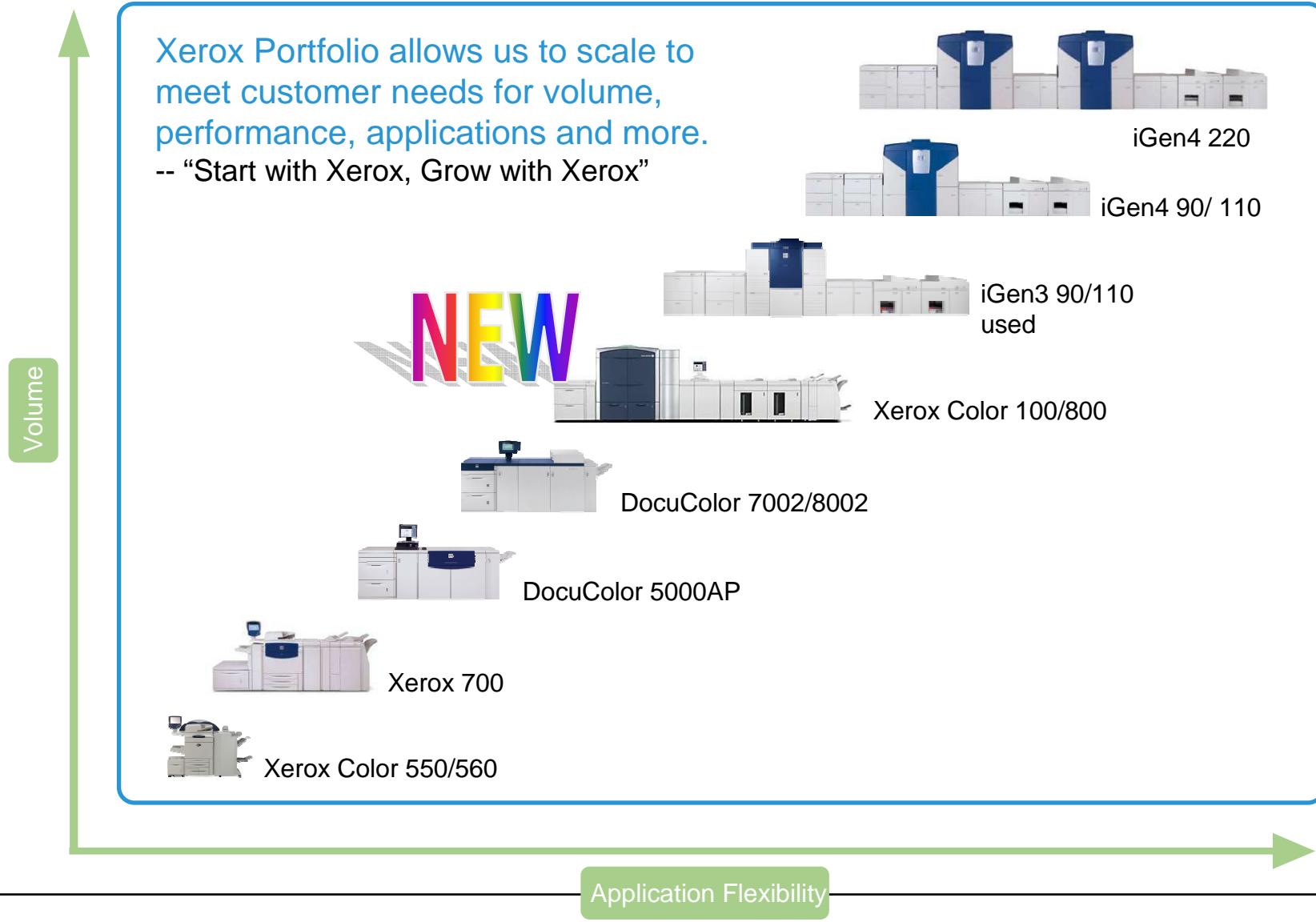
- Minimalna vrednost brez DDV: 5.000,00€
- Leasing tudi za ne-Xerox opremo, če le ta ne presega 25% vrednosti celotnega posla
- Doba trajanja 24, 36, 48 ali 60 mesecev
- Možnost izbire finančnega leasinga z ali brez prehoda pravnega lastništva ob poteku pogodbe
- **Xerox leasing lahko posredujejo samo partnerji, ki so zato pooblaščeni s strani Xerox-a.**
- Kontakti:
 - www.xerox.si/partnerji
 - rosanda.seslar@xerox.com

Od najmanjšega do največjega



xerox

Xerox Color Portfolio 2010 – rezan format



Xerox BW Portfolio 2010 – rezan format

Volume ↑

Xerox Portfolio allows us to scale to
meet customer needs for volume,
performance, applications and more.
-- "Start with Xerox, Grow with Xero;

Nuvera 100/120/144/200/288



DocuPrint 180 MX



Xerox DocuTech 180 HLC



Xerox 4112/4127



Xerox 4595 CP

Application Flexibility →

Xerox CF (Continuous Feed) - rola

Xerox InkJet
oz. SolidInk
tehnologija



Xerox 490/980



Xerox 650/1300

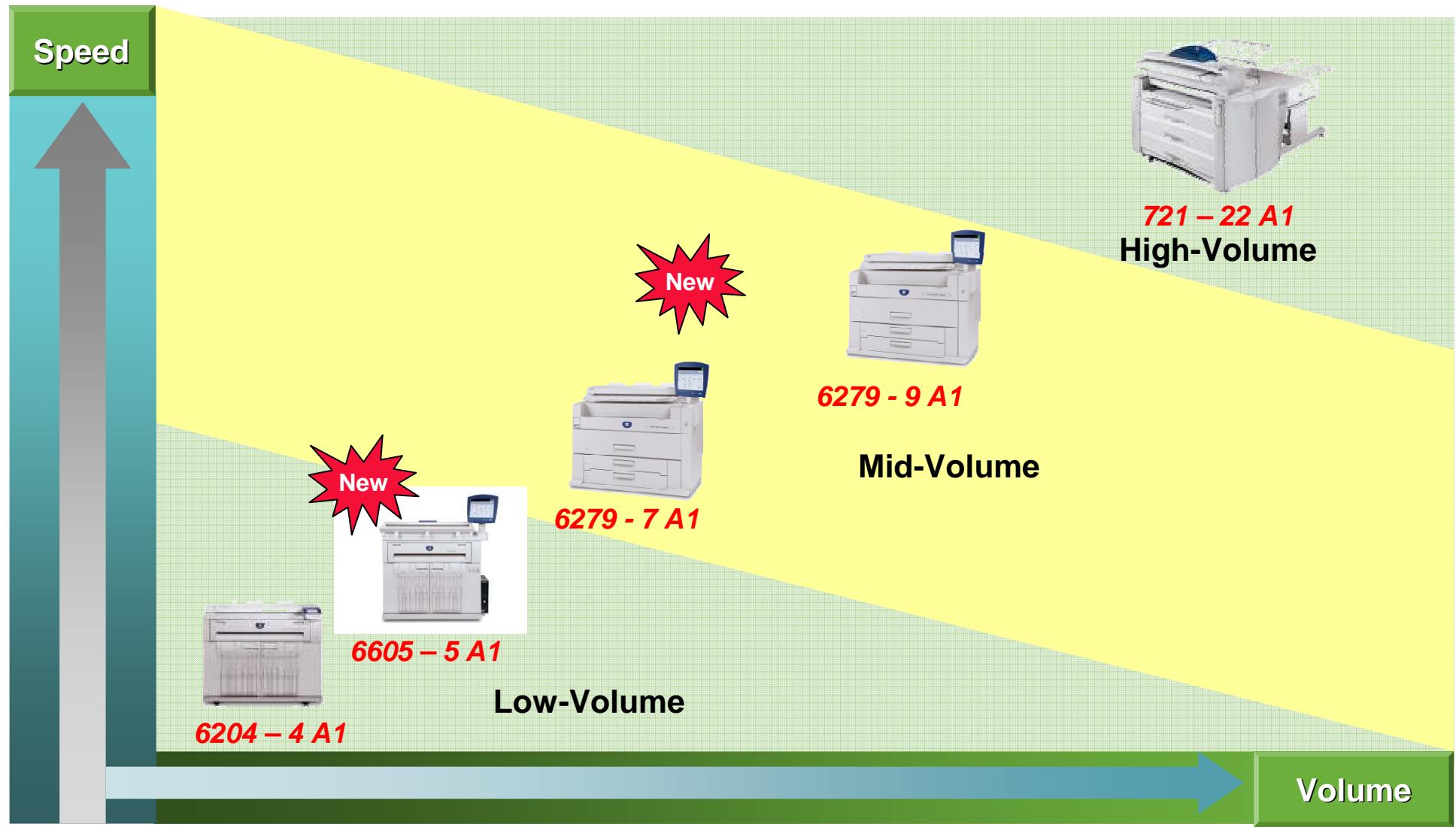


Xerox 495

2010 Wide Format Colour CAD and GA Portfolio



Wide Format Monochrome Products



Portfolio strojne in programske opreme Xerox Color 550/560

- Excellent printout quality
- Front to Back registration from all trays is +/- 1.0 mm
- Finishing that supports coated paper
- Support for EFI, Creo, and FreeFlow Print Server



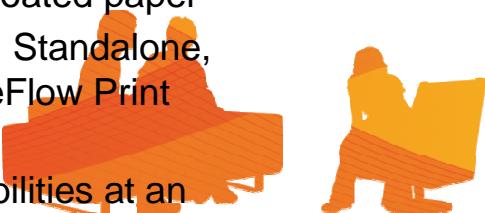
Portfolio strojne in programske opreme

Xerox 700 Digital Color Press



- 70 ppm Colour & Monochrome
- True Production capabilities
- New internal paper trays handle 13" x 19.2", uncoated and coated simplex
- Auto duplex 60-220 gsm coated and uncoated
- Low melt EA toner – Matte finish, higher speed, less energy

- Large Paper Supply
- Front to Back registration from all trays is +/- 1.00 mm
- Finishing that supports coated paper
- Support for EFI (bustled, Standalone, Splash), Creo, and FreeFlow Print Server
- Robust production capabilities at an entry-level price



Portfolio strojne in programske opreme Xerox DocuColor 5000AP



- All paper weights at rated speed – 50 ppm
- Auto-Duplex up to 300 gsm / 110 lb. Cover
- Feeding, Finishing and DFE Choices same as current DC 5000
- Installs from 1st July 2008
- Building on the success of the DocuColor 7000AP / 8000AP products



Portfolio strojne in programske opreme

Xerox DocuColor 7002/8002



Nekaj glavnih novosti:

- Inline spectrophotometer
- Nov "low gloss" toner za mat izpis
- Razširjen izbor dodelavnih enot
- Avtomatska kalibracija
- Širok izbor medijev



- All paper weights at rated speed – 70/80 ppm
- Auto-Duplex up to 300 gsm / 110 lb. Cover
- Feeding, Finishing and DFE Choices same as current DC 8000

Portfolio strojne in programske opreme Xerox Color 800/1000

5. barva



Standard Capabilities

Rated speed

Recommended average monthly volume
Colour 800 Press: 180,000 pages per month
Colour 1000 Press: 250,000 pages per month

Print

Colour 800 Press: 80 ppm
Colour 1000 Press: 100 ppm

Colour 800 Press: 180,000 pages per month

Colour 1000 Press: 250,000 pages per month

Digital Front Ends

- Xerox FreeFlow Print Server
- Xerox EX Print Server, Powered by Fiery
- Xerox CX Print Server, Power by Creo Print Server Technology

Finishing

Booklet Making, Finisher, Folder, Hole Punch, Lay Flats, SquareFold Trimmer, Stacker, Stapler, Tape Bound

Media Types

Coated and uncoated papers, bright papers, carbonless paper, DocuCard, labels, business cards, glossy brochures, window decals, durable/synthetic papers, greeting cards, tabs, embossed, polyesters and custom solutions. Mixed stocks supported

Portfolio strojne in programske opreme Xerox iGen 4



- A whole new look!
- Over 400 new parts
- Includes many new technology patents



Portfolio strojne in programske opreme Xerox – peстра izbira RIP-ov

FreeFlow® Print
Server



- “Windows” like environment with high-level security
- Flexible and customizable workspace
 - In-Rip Imposition
- Automatic Image Enhancement
 - Tab Purge and Recovery

Xerox CX Print Server,
Powered by Creo



- Pre- and Post-RIP Capabilities
- Supports Brisque and Prinergy Workflow
- Mixed-Size Document Recognition
 - Step and Continue
- Real-Time Imposition Preview

Xerox EX Print Server,
Powered by Fiery™



- Market Leader
- Optimized PDF Support
- Altona Suite Certified
 - 2400 dpi black for enhanced smoothness
- Command WorkStation® “How To’s”



Portfolio strojne in programske opreme

Xerox 4112/4127



Standard Capabilities

Rated speed
Recommended
average monthly
volume
Digital Front Ends

Finishing

Media Types

Simplex or duplex
printing
4112: 110 ppm
4127: 125 ppm
70,000 - 700,000
pages per month
FreeFlow™ Print
Server
Booklet Making,
Finisher, Folder, Hole
Punch, SquareFold
Trimmer, Stacker
Carbonless,
DocuCards, Document
Folders, synthetics,
tabs, labels, specialty
media coated stock
Refer to customer
expectations setting
document for
supported media and
capabilities for coated
stocks

Portfolio strojne in programske opreme Xerox Nuvera



- Nuvera 100 EA
- Nuvera 120 EA
- Nuvera 144 EA
- Nuvera 100 EA
- Nuvera 288 EA



Portfolio strojne in programske opreme Xerox DocuTech 180 HLC - dvobarvno



Standard Capabilities	High-volume network printing and 3rd-party finishing
Optional Capabilities	Scanning Capabilities
Rated speed Recommended average monthly volume	180 ppm 1,500,000 impressions per month
Digital Front Ends	FreeFlow DocuSP Controller Binder, Booklet Making, Bypass Transport, Case Bound, Flats, Perfect Bound, Stacker, Stitched Sets, Stitcher, Tape Bound DocuCards®, label stock, tab stock, carbonless paper, pre-perforated stock, safety stock, and other specialised application materials
Finishing	
Media Types	



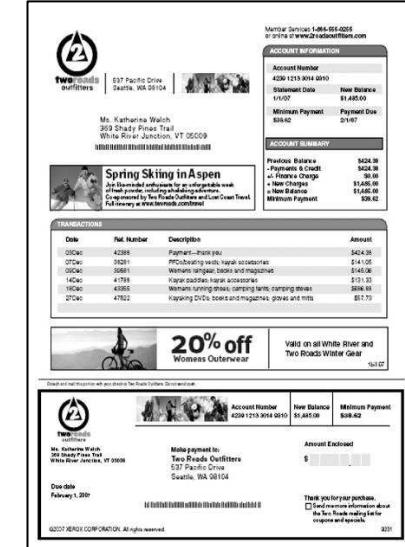
Portfolio strojne in programske opreme Xerox Continuous Feed 490/980



- TransPromo, Direct Mail
- Fastest toner based full color printer
- “Transaction / Business” color quality
- 986 images per minute (226 Feet Per Min)
twin duplex
 - Non Contact - Flash fusing
- No special paper, simple to maintain



Portfolio strojne in programske opreme Xerox Continuous Feed 650/1300



Transaction, Books, Direct Mail
Flash fusing & High Quality
Flexible Substrates
1300 images per minute (300 Feet Per Min) twin duplex



Portfolio strojne in programske opreme Xerox Continuous Feed 495



Engine Architecture

2 engines in one frame

Resolution

600 (or 240) dpi

Imaging Technology

LED Imaging

Flash Fusing



Portfolio strojne in programske opreme Kuvertirni sistemi KERN

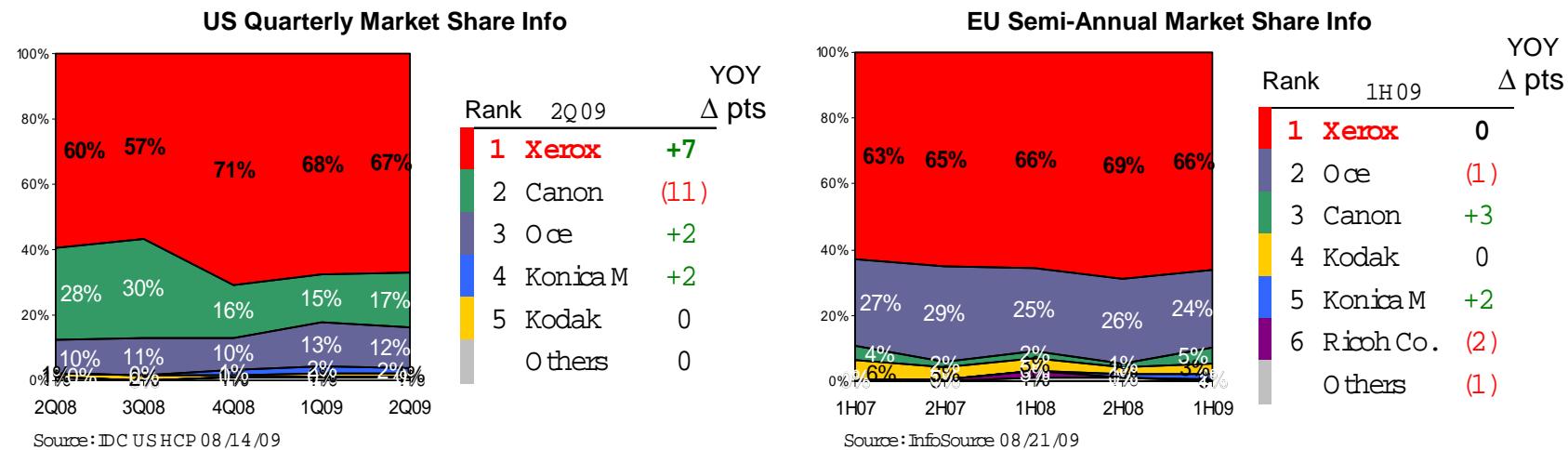


Portfolio strojne in programske opreme

Programska oprema



PSG Market Share USA / EU



Partnerstvo



Primer: Xerox Ducati

- Zaupajte nam,
- da skrbimo za
- opremo, tiskanje in
- čas raje pametnejše
- uporabite za ukvarjanje
- z vašo osnovno dejavnostjo.



1 2 3 4



With Xerox You can WIN all situations!

