



Xerox Nuvera[®] 144 MX Production System

Produce Consistent, Durable and
Secure Transactional Documents

Jobs demand image quality that ensures instant character recognition

The content of cheques and other transactional output will never be in doubt when you produce your critical applications with the Xerox Nuvera® 144 MX Production System. With over 300 patents and industry-leading Magnetic Ink Character Recognition (MICR) technologies, the Xerox Nuvera MX delivers image quality that is instantly recognisable by reader/sorters and by your customers. These systems offer the flexibility, productivity and reliability you expect for all of your jobs.

Why MICR?

MICR printing provides a more reliable reading process over OCR or bar codes. MICR encoded documents can be read through overprinting, pen and pencil marks, etc. With the increase in volumes of cheque and remittance information being processed, using MICR provides security, quality, cost and speed benefits for both encoding and recognition. Using MICR reduces processing errors and shortens the time to capturing revenue. With Xerox®, adding MICR is even

more cost-effective, as the printing of cheques and remittance documents, such as credit card statements, utility bills and loan payments, can be done in a single pass for both normal text and MICR fonts.

The best read rates of any MICR lines

Characters will maintain uniform signal strength plus the durability to last in high-speed readers/sorters. Expect read rates consistently exceeding 99.5 per cent for applications printed on the Xerox Nuvera MX – the highest read rates in the industry. Use

of industry-leading MICR technologies ensures more of your cheques will be accepted, avoiding costly delays and fees. Cheques and negotiable documents will surpass the demanding quality criteria established by entities such as the American Bankers Association, American National Standards Institute, Canadian Payments Association, International Organization for Standardization and Association for Payment Clearing Services.



Xerox Nuvera® 144 MX Production System

Affordable MICR printing and finishing expands applications and business

Do more with MICR! MICR extends from cheques to any form of document processing information. From internal bank documents to remittance documents, such as a payment coupons and transactional applications, add MICR for more accurate, secure, fast processing. With the Xerox Nuvera® 144 MX Production System, it's one pass printing for reduced operational costs. Xerox Nuvera can be customised to suit business needs, accommodating a range of applications.

Ideal for Transactional Applications

The Xerox Nuvera MX can handle demanding MICR transactional applications such as cheques, financial forms and negotiable documents. Expand your enterprise capabilities with transactional promotional (TransPromo) documents that add value and impact while significantly enhancing return on investment.

Customise to Suit Your Business

The Xerox Nuvera MX is modular so choose the feeding, inserting and finishing options that best meet all of your needs.

- **Feeding options.** Air shuttle feed technology ensures excellent paper handling. Reload-while-run capabilities increase continuous productivity. Choose up to two Standard Sheet-feed Modules to suit the workflow.
- **Inserting options.** Add value and impact to output by inserting colour covers, inserts or speciality media with Post-print Insertion Module.

Finishing Options

The Basic Finisher Module is designed for production print environment. Dual Basic Finishers can be configured to not only deliver outstanding stack quality but enable the productivity benefits of unload-while-run.

In addition to cheque stock, choose from an expansive range of substrates, including coated stock up to 140 gsm, to match application requirements and build application capabilities.

Get maximum stacking capability with one Basic Finisher Module Plus (3,000 sheets) and two Xerox® DS3500 Stackers (7,000 sheets) for total stack and staple capacity of 10,000 sheets with unload-while-run capability. If stapling is not required, add dual DS3500 Finishing Transport Modules. The DS3500 gives the benefits of an intelligent finisher, with jam offset and page level recovery, ensuring maximum reliability and uptime, as well as high capacity stacking. The DS3500 also provides quick and easy access to a number of industry-leading third-party stacking and finishing options.

Designed to work with the DS3500 removable carts. The Bourg High Capacity Elevator simplifies workflow and improves ergonomics by automatically raising the cart and paper stack to a consistent level. The operator can offload sets and manually feed them into a near-line binder or other finishing equipment. It's a link between the DS3500 High Capacity Stacker and various post-processing devices.

Powerful Productivity and Image Processing

The powerful Xerox® FreeFlow® Print Server is integrated right into the Xerox Nuvera®144 MX Production System, providing excellent job control and time-saving efficiency in transactional and TransPromo environments. Enjoy feature benefits such as:


- Efficient queue management.
- Integration with a robust stock library.
- Imposition software.
- Sophisticated variable data capabilities.
- The ability to handle a wide range of data streams including LCDS, PCL and IPDS.

Workflow Options

The Xerox FreeFlow Digital Workflow Collection is designed for easy management of jobs at every stage, from creation to final output. Integrating with the Xerox Nuvera MX, this suite of optional solutions enables enhancement, automation and simplification of existing workflow.

Enhance Output With Excellent Image Quality

Many factors contribute to the long-lasting, consistently excellent image quality achieved with the Xerox Nuvera MX, including:



Woodstone-Smith Imaging, Inc.
5200 Delaware Avenue • Buffalo, NY 14340
716.555.1234

INVOICE

Statement Date May 15, 2009
Page 1 of 2


Amount Due	\$20.00
Due Date	June 18, 2009

Insurance has paid their portion of this invoice. You are responsible for the balance. Please make payment in full by the date above.

Questions? Call 716.555.1234

Account Number **1234 56 7890**
 Patient Name **Jennifer Gallagher**
 Referring Doctor **Mary Johnson, MD**

Service Details				
Date	Practitioner	Code	Description	Amount
04/06/09	Williams	74249	Contrast MRI U&LGI Tract L2	\$221.85
04/06/09	Williams	74250	Contrast MRI U&LGI Tract L3	\$221.85
04/06/09	Williams	74246	MRI of LGI Tract	\$821.33
04/06/09	Williams	74246	MRI of LGI Tract	\$821.33
04/09/09	Havensport	74246	Process INT. Digital Film Transport	\$25.85
04/14/09	Havensport	74246	Primary Internal Consultation	\$421.00
04/14/09	Havensport	89508	Internal Admin. Follow-up	\$50.00
Payment Details				
04/06/09		2010	Patient Co-Pay	-20.00
04/28/09		3399	Managed Care HMO Contractual Adj	-2086.36
04/28/09		3314	Blue Choice HMO Payment	-242.10
05/28/09		3314	Supplemental Aetna Ins. Payment	-210.25
Balance				\$24.15



DXA Scans Can Detect Osteoporosis

Osteoporosis is a disease of the skeleton whereby the bones become brittle. Osteoporosis can occur in both men and women of all ages and ethnicities. Until recently, a fracture was the only way to tell if a patient could have osteoporosis, but with the technology of bone densitometry testing (DXA scan), we can be proactive in detecting low bone mass.

Talk to your doctor about whether a DXA scan is right for you or call us at 716-555-5678.

▼ Detach here and mail payment coupon with your payment. ▼


Account Number **1234 56 7890**
 Patient Name **Jennifer Gallagher**

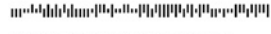
Card Used VISA MASTERCARD DISCOVER AMEX
 Card Number _____
 Signature _____
 Exp. Date _____ Check here if address or insurance information is incorrect and indicate change on reverse side.

PAYMENT COUPON

Amount Due	\$20.00
Due Date	June 18, 2009
Amount Enclosed	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

Make checks payable to:


JENNIFER GALLAGHER
26 HILLSIDE ROAD
WEBSTER NY 14580-1234


WOODSTONE-SMITH IMAGING
PO BOX
BUFFALO NY 14240-1234

⑆ 567890 ⑆ 23456789⑆ ⑆ 0 ⑆ 234567890⑆

- **Trickle Charge Development.** Achieve longer-lasting, more consistent image quality because toner and developer are mixed together in the toner canister. Plan on fewer service calls because it eliminates the need for a technician to replace the developer – developer is replenished continuously.
- **Hybrid Jumping Development.** Places toner on the photoreceptor without any contact, extending the life of several critical imaging components and delivering truly outstanding image quality, with uniform halftones.

Economical, secure digital MICR – high-quality printing in any quantity

Print transactional and TransPromo applications as you need them. Digital MICR printing eliminates the need to run large quantities. Advanced paper handling capabilities of the Xerox Nuvera® 144 MX Production System print both MICR and non MICR jobs in a single run. Coupled with advanced security for E-13B and CMC7 fonts, Xerox Nuvera MX delivers the all-around solution for MICR printing needs.

Reliably Productive

The Xerox Nuvera 144 MX offers these options to ensure maximum uptime.

Change Toner Less Often With Dual Toner Cartridges

Each of two large volume canisters yields up to 110,000 of the highest quality MICR prints. You'll change toner less frequently. Enjoy more uptime with change-while-run cartridge replacement.

Excellent Resolution in a Clean Environment

The Xerox Nuvera® MX offers the highest monochrome resolution of any digital production printing system currently available.

- RIPs at 1200 x 1200 dots per inch (dpi).
- 4800 x 600 dpi printing.
- Halftone screens available at 85, 106, 125, 134 and 156 lines per inch (lpi) – ensure smooth greys, more realistic pictures and sharper details.

TELER Registration Keeps Sheets in Place

Achieve superior image-to-sheet (± 0.65 mm) and front-to-back (± 0.65 mm) registration, which meets or exceeds general publishing standards. This is particularly important for financial documents where placement of the MICR line is critical. TELER registration (Translating Electronic Registration) precisely controls the position of each sheet of paper according to the image on the photoreceptor, and the speed of each sheet travelling through the paper path. In this way, it ensures each sheet is in exactly the right position to receive the latent image.

Paper Handling for Accuracy

MICR printing is one of the most quality conscious applications within the printing industry. It must meet strict security requirements for negotiable documents. MICR processing is not subjective – the quality of the printing is judged by a machine. To be effective, MICR must be exact. The Xerox Nuvera® 144 MX Production System have paper handling designed for the highly accurate registration required for precise placement of the MICR line to maximise readability during processing.

Be Sure All Transactional Applications Are Readable and Secure

The Xerox Nuvera® 144 MX Production System offers outstanding MICR capabilities and top read rates, plus flexibility, productivity and reliability for all jobs. Achieve the image quality needed for instant recognition!

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