



## Solution Summary

The Lexmark Clinical Assistant is a **Lexmark X646dte multifunction printer** with embedded applications designed to save clinicians' time and improve patient care by streamlining common healthcare workflow processes, each easily accessed with one touch from the intuitive eTask interface screen:

- **Scan to EMR** securely scans and routes documents directly to network destinations or leading electronic medical records solutions. Easily provides instant access to time-sensitive patient care or business documents.
- **Physician Order Routing** allows nursing staff and clinicians to securely route physician orders and automatically separate STAT and normal orders with the touch of an icon. Saves clinicians from having to wait on slow fax machines and reduces order-processing time to improve patient care.

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*We've changed the way nursing looks at technology. The idea that we've been able to introduce technology into areas of the hospital that never had it before and to get the employees to actively use it, has been eye-opening to the nursing staff.*

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**SOURCE:** Steve Art, Senior Vice President and Chief Information Officer, Lutheran Medical Center

## Lexmark's Clinical Assistant MFP performs critical healthcare workflow functions with just one touch

Healthcare organizations are increasingly challenged to reduce medical errors and improve patient outcomes while cutting costs and boosting the productivity of clinical staff. The focus of many of these efforts is the nursing station—the busy crossroads where physician orders, patient care and facility management converge. But with chronic nurse shortages and increasing job pressures, the need for new tools that increase staff productivity and free up more time for quality patient care is critical.

### A versatile, hard-working assistant for busy nursing stations

The Lexmark Clinical Assistant is a Lexmark X646dte monochrome laser multifunction printer (MFP), pre-loaded with custom embedded healthcare-specific applications to simplify clinical workflow processes. Custom healthcare functions are all easily accessed through icons on the MFP's user-friendly eTask touchscreen interface, allowing clinical staff to complete complicated workflow processes with a single touch—and without special training. The Clinical Assistant also offers all the features of the Lexmark X646dte MFP, including the ability to print up to 50 pages per minute with robust copy, scan and fax capabilities. The Clinical Assistant frees up precious space in nursing stations by combining the ability to print, copy, scan and fax into one efficient footprint.



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(cont'd)

- **Forms on Demand** lets users choose and then print selected documents right from the Clinical Assistant touch screen. Frees up staff time and saves money by eliminating the need to order and stock pre-printed forms.
- **Card Copy** scans each side of ID cards and prints both sides in an enlarged format on one side of a single sheet of paper. Saves paper and improves the quality of critical documentation.

*“Technology investments designed to ensure the safety and expert care of our patients are investments worth making.”*

—Steve Art

## Immediate access to a suite of powerful healthcare workflow solutions

Lexmark's Embedded Solutions Framework (eSF) allows these Java-based healthcare applications to run directly on the Clinical Assistant right out of the box, saving the expense of installing additional servers:

### Scan to EMR

Electronic Medical Records (EMR) systems can help reduce medical errors by capturing and storing patient information electronically, allowing physicians to quickly access critical information. With the Clinical Assistant's one-touch Scan to EMR feature, clinical staff can:

- Securely scan and route documents to network destinations
- Scan patient updates into their EMR files in a timely fashion
- Reduce turnaround time for accounts receivable with easy access to supporting documentation for insurance claims

### Physician Order Routing

Improving the medication order process is a top priority in virtually every healthcare organization. But fax machines are still commonly used to send handwritten physician's orders to the pharmacy or a lab for processing, leading to lost, delayed or inaccurate orders. The Clinical Assistant includes an integrated one-touch Orders Routing function that allows nursing staff and clinicians to:

- Securely route physician orders from nursing stations to pharmacy
- Automatically separate STAT orders from normal orders for faster processing
- Integrate with leading medication order management systems

### Forms on Demand

Many healthcare facilities are moving away from expensive pre-printed forms to storing frequently accessed documents online for printing on demand. However, clinical staff often do not have time to log in to a workstation, locate the document and submit a print job. Forms on Demand allows clinical staff to quickly and easily access those forms right from the Clinical Assistant, making it easy to:

- Select and print documents right at the MFP
- Quickly assemble patient chart form sets
- Assure that the most current form versions are used

### Card Copy

Patient insurance or identification cards are copied frequently and included with patient files. However, because the cards are typically two-sided, medical staff must go through an extra step and make two separate photocopies for the front and back of the card. The Card Copy function allows staff to scan each side of the card and print both sides on one side of a single sheet of paper to:

- Save time
- Save paper
- Improve legibility with enlarged format option

### Simple, efficient and cost-effective prior to CPOE, plus a platform for additional healthcare solutions

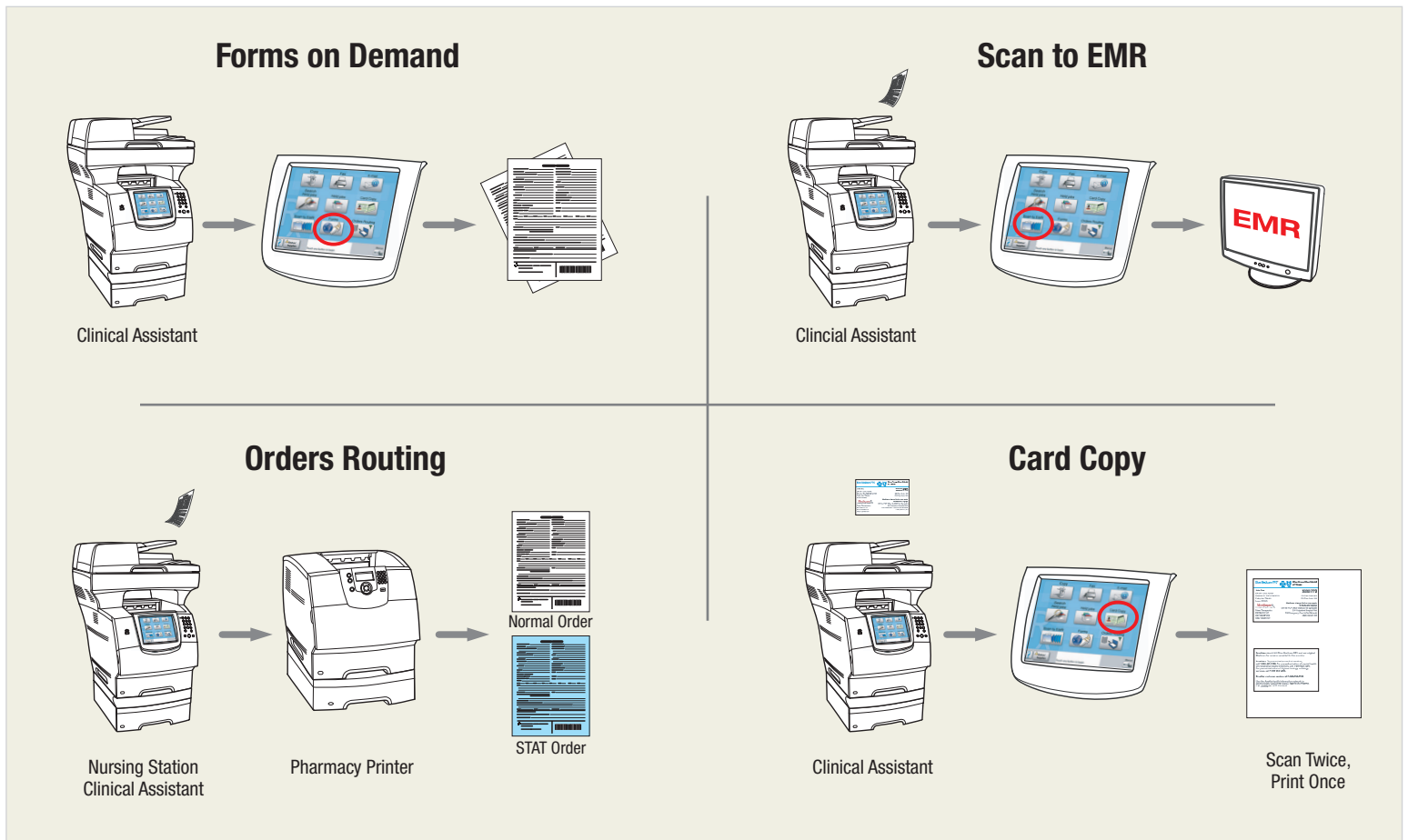
While most healthcare organizations are working to adopt Computerized Provider Order Entry (CPOE), acceptance by physicians and other hurdles are slowing the process. The Clinical Assistant not only functions as a productive, cost-effective interim solution prior to CPOE implementation, but can also serve as a back-up once installed.

The Physician Order Routing feature integrates with Lexmark's Queue & View™ solution, an optional application that allows pharmacists and nurses to view and manage physician orders online. Lexmark's Queue and View solution also provides order tracking, logging and storage.

### Put Lexmark's Clinical Assistant "on staff" at your healthcare facility

By seamlessly integrating the versatility and one-touch ease of use of the Lexmark X646dte MFP with a suite of four powerful healthcare workflow solutions, Lexmark's Clinical Assistant can help your healthcare organization streamline processes, improve productivity and reduce medical errors. To put the Clinical Assistant to work in your facility, contact a Lexmark healthcare industry representative today.

## One Device, Multiple Solutions





Every day, Lexmark color and monochrome multifunction printers go to work for some of the world's most important companies. And their performance hasn't gone unnoticed.



### Lexmark Multifunction Printers

The award-winning Lexmark printers include many features right out of the box. The only limit to what your business can do with these devices might just be your imagination.

#### Centralized Devices

Lexmark X850e  
Lexmark X852e  
Lexmark X854e

#### Distributed Devices

Lexmark X644e  
Lexmark X646e  
Lexmark X646dte  
Lexmark X772e

### Productivity Right Out of the Box

Easy-to-use, integrated Lexmark multifunction printers with a color touch screen allow you to manage documents more effectively. Big, colorful and easy to use, the new e-Task touch screen puts powerful output features to work with just a touch. Customize the touch screen interface with Lexmark's new embedded solutions framework or Lexmark Document Solutions Suite Software to access electronic forms and automate complex business processes.

**e-Task Interface** - Customizable, vivid and familiar icons on the Lexmark e-Task 8-inch color touch screen provide access to print, copy, fax and scan-to-email functions or custom workflows.

**Scan Preview** – The ability to view the first page of a scanned document before sending helps ensure accuracy. This is standard on the X646e, X646dte, X850e, X852e, X854e and X772e.

**Job Build** – When scanning jobs that include both the automatic document feeder (ADF) and the flatbed, the entire job can be saved as a single file.

**Priority Copy (Job Interrupt)** – For convenience copying, this feature allows you to temporarily interrupt a print job, then resume once the copy is made.

**Mixed Original Sensing** – When mixed sizes of documents are placed in the ADF, this feature ensures that the appropriate paper size is selected in the copy process.

**Job Cancel** – This intuitive feature clearly lists all jobs in each queue (print, copy, fax) to ensure cancellation of the correct job.

**Direct USB Scanning/Printing** – Print image files directly from a USB flash drive or scan documents and save them as pdf, tif or jpeg files onto a USB flash drive.

### Security Standard

Your business invests in securing networked PCs and servers, so why not secure your printers and MFPs? All high-function network devices should be protected against attack and configured to support your network security policies. Lexmark's MFPs and printers support best industry practices for network device protection. Lexmark devices can be managed securely through an array of industry-standard functions that suit your needs.

**Confidential Print** – Hold print jobs until the intended recipient enters an appropriate PIN number that allows the job to be printed.

**Operator Panel Lock** – Lock a printer or MFP operator panel, entirely or to administrators only, requiring a PIN number to unlock it.

**TCP Connection Filtering** – Printers and MFPs can be configured to allow TCP/IP connections from only a specified list of TCP/IP addresses.

**Hard Disk Encryption** – An MFP hard disk can be configured using a 128-bit AES key that encrypts all data on the drive.

**MFP Lockout** - MFPs can be locked so that the touch screen is disabled and all incoming print and fax jobs are stored securely on the hard drive until the MFP is unlocked by entering the appropriate PIN.

**SNMPv3** – Lexmark MFPs support SNMPv3, including authentication and data encryption, to allow secure remote management of the devices.

**IPSec** – All network traffic to and from printers and MFPs is encrypted and authenticated.

**Secure User Authentication** – MFP functions can be restricted so that users must authenticate prior to performing copy, scan-to-e-mail, scan-to-fax, scan-to-network, workflow scripts or embedded applications.

**Secure LDAP over SSL** – Information exchanged via LDAP, including user credentials, names, e-mail addresses and fax numbers, is encrypted to preserve the confidentiality and privacy of data.