Lexmark Education Station

Turn your Lexmark multifunction printer into a time-saving solution for testing, grading and document management

The use of optical mark recognition or "bubble sheet" test forms continues to grow and so do the costs and problems associated with testing, grading and reporting processes. Preprinted bubble sheets are costly to purchase and process, and they take up valuable storage space. The real issues, however, revolve around teacher productivity and student performance. Waiting weeks to review test results and assess students' understanding of material can lead to missed opportunities for educational interventions. What's more, most preprinted bubble sheets are restricted to multiple choice or true-false answers, preventing teachers from including open-ended test questions. Finally, there's the issue of time – having to manually prepare test reports and other classroom documents takes valuable time away from lesson planning and other student-focused tasks.

The Lexmark Education Station software bundle is a set of education-specific applications for Lexmark e-Task multifunction printers (MFPs). It's designed to simplify school work processes by providing print-on-demand bubble sheet tests, instant grading results and prompt reporting. The Education Station allows teachers to react quickly to an individual student's comprehension gaps, as well as to adjust teaching methods and curriculum content to address overall class comprehension issues.

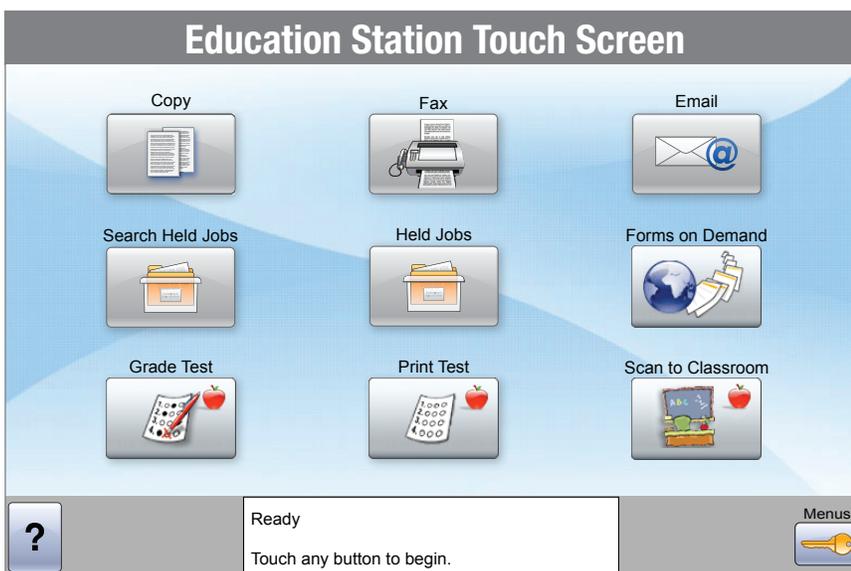## SOLUTION SUMMARY

Lexmark Education Station applications make paper-based classroom workflows easily accessible with one touch.

- **Print Test** prints blank bubble sheets for student testing along with a barcoded answer key bubble sheet for test scoring.

- **Grade Test*** scans the completed answer key and student bubble sheets using OMR software, individually grading tests and producing your choice of printed reports in minutes.

- **Scan to Classroom** scans documents directly to a network folder. This folder may be associated with a specific classroom, grade, teacher, administrator or any shared network drive or folder.

- **Forms on Demand** lets users print electronic documents they've saved as bookmarks on the MFP.

*Requires a Windows server and Education Station Grading Software. See your Lexmark representative for details.

Education Station Touch Screen

Copy

Fax

Email

Search Held Jobs

Held Jobs

Forms on Demand

Grade Test

Print Test

Scan to Classroom

?

Ready

Touch any button to begin.

Menus

LEXMARK

Immediate access to a suite of powerful education workflow solutions

Deployed in or near the classroom, your Education Station transforms these manual paper-based processes into easy and efficient digital workflows:

Print Test

Initiate printing of blank 15, 30, 60, or 100-question test bubble sheets right at the MFP.

- Print a bar-coded answer key bubble sheet as the first page for the teacher to complete.
- Include space for answers to open-ended questions, unlike most other bubble sheet print options.
- Print bubble sheets with Student IDs, enabling teachers to access individual student performance more often, or soon after new content is presented.
- Test packs are available in English, Spanish and French.

Grade Test*

Scan and score student bubble sheets using the answer key bubble sheet and produce printed summary reports in minutes, directly on the MFP.

- Grades each test individually.
- Choose from three report formats: Student Grade Report, Class Averages Report or Test Statistics Report.
- Immediately access reports to quickly identify and address comprehension problems.
- Export test data in comma separated value (CSV) file format with the optional grading software's data export feature.

Scan to Classroom

With one touch, teachers can scan and send proof-of-work documents or student work they need for parent conferences directly from the Education Station to their personal network drive or folder. Office personnel can use the same touch-screen icon to scan and e-mail documents directly to teachers, such as tardy slips, doctors' notes and discipline forms.

- Shared folder can be associated with a classroom number, teacher, grade, nurse's office, principal's office and many more.
- Configuration can allow for the user to authenticate, change or create subdirectories; change the file name; or create an index file.
- By efficiently managing their own documents, teachers spend less time on paperwork and more time teaching.

Forms on Demand

Teachers and administrative staff are often too busy to log in to a workstation every time they need to locate a document and print it. Forms on Demand allows them to quickly and easily access and print forms at the Education Station MFP.

- Easy to set up and configure from the MFP operator panel.
- Allows you to add descriptive names to Internet or intranet URLs.
- Reduces cost of printing and storing preprinted forms, in addition to eliminating waste associated with obsolete forms.

Education Station Grading Software

Lexmark Education Station Grading Software extends the capability of your Education Station MFP to offer automatic test grading and detailed reporting. Using this software, an instructor can easily grade all student answer sheets in one batch and receive instant results. This package installs on your computer hardware in minutes. Once installed, the software can easily be configured to connect with existing Education Station MFPs. New MFPs can be added at any time by simply purchasing additional MFP licenses.

System Requirements

Lexmark Education Station Grading Software 2.0 has the following system requirements:

- 2GHz Intel Xeon Processor (or equivalent)
- 2GB free hard disk space (200GB recommended)
- 1GB RAM (4GB recommended)
- Microsoft Windows Server 2003 SP2 (32-bit), Windows XP Professional SP2 (32-bit), or Windows 2000 SP4 (32-bit) [Windows Server 2003 R2 recommended]
- SVGA color monitor, 800 x 600 pixel resolution, 256 colors
- Microsoft Internet Explorer 6.0 (or greater)
- 100BaseTX Ethernet NIC (1000BaseT recommended) with an active TCP/IP connection
- 2-button mouse or equivalent pointing device
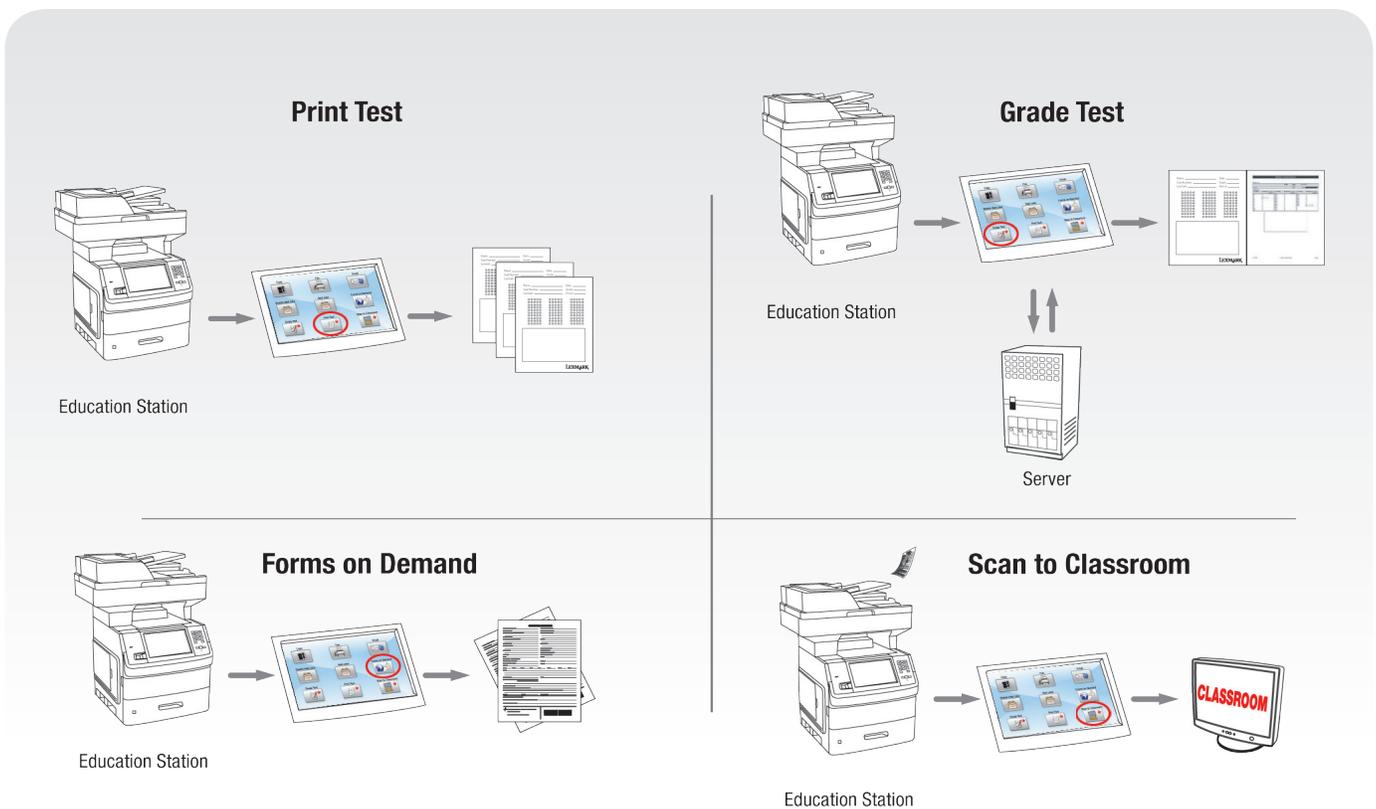- 101-key keyboard or equivalent text input device

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Ready to graduate to additional Lexmark education solutions

Your Lexmark Education Station not only functions as a productive, print-based solution for classroom testing and paperwork, it is also ready to integrate with Lexmark Document Distributor software, giving you even more powerful electronic workflow capabilities.

Leveraging these robust applications, the Education Station can be upgraded to deliver scanned tests to a centralized server to complete the grading process, write the grades to your SIS database and/or grade book, and provide more advanced reporting options. This upgrade also allows full control over the design of test forms, including the ability to pre-populate bubbles and add bar-coded student information and other data. It can also be used to create, print, score and analyze parent or community surveys, attendance sheets and other school forms for a complete school workflow solution.

Learn how the Education Station can make the grade in your school classrooms

By seamlessly integrating the versatility and one-touch ease of Lexmark MFP technology with a suite of powerful education workflow solutions, Lexmark helps teachers manage student testing and classroom paperwork more effectively, giving them more time for student instruction. To transform your Lexmark MFP into an Education Station, contact your Lexmark representative today.

Print Test

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Grade Test

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Server

Forms on Demand

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Scan to Classroom

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Productivity at your fingertips

Easy-to-use Lexmark multifunction printers with big, colorful touch screens can help you manage all of your documents more effectively. Put powerful, proven output features to work with just a touch.

- **Intuitive Interface –** Customizable, vivid icons on the Lexmark color e-Task touch screen provide fast access to print, copy, fax and scan to e-mail functions or custom workflows.
- **Scan Preview –** This feature lets you view the first page of a scanned document before you send it to ensure accuracy.
- **Job Build –** When scanning pages from 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 it once the copy is made.
- **Mixed Original Sensing –** When you need to place documents of mixed sizes in the ADF, this feature ensures that the appropriate paper size is selected during the copy process.
- **Job Cancel –** This intuitive feature clearly lists all jobs in each queue (print,copy, fax) to ensure the correct job is cancelled.
- **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 on a USB flash drive.

Security Standard

You've invested a great deal in securing your 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 MFPs and printers support best industry practices for network, device and document protection.

- **Confidential Print –** Keeps print jobs secure until the intended recipient enters an authorized PIN number.
- **Operator Panel Lock –** Locks the device's operator panel, entirely or to administrators only. Requires a PIN number to unlock it.
- **TCP Connection Filtering –** Configures the device to allow TCP/IP connections only from a specified list of TCP/IP addresses.
- **Hard Disk Encryption –** Encrypts all data on the device's hard disk using a 128-bit AES key.
- **MFP Lockout –** Disables the touch screen and securely stores all incoming print and fax jobs on the device's hard disk until it is unlocked by entering the authorized 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.

One-Touch Wonders

Lexmark's award-winning touch screen MFPs give you one-touch access to all of your critical document functions in one high-performance device, saving you time, money and office space. But that's not all they can do. When combined with Lexmark software solutions, they can make your print and imaging tasks more efficient.

Lexmark and its partners offer more than 100 ready-made solutions for improving processes and workflow efficiency. We can also tailor solutions to help solve your unique document challenges. To learn more, contact a Lexmark representative or visit www.lexmark.com.

Lexmark Solutions are supported on many Lexmark products, including:

Monochrome Laser MFP
- Lexmark X460 Series*
- Lexmark X650 Series
- Lexmark X850 Series

Color Laser MFP
- Lexmark X730 Series
- Lexmark X940 Series

* Requires 256MB memory

For More Information:

Contact Your Lexmark Representative

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