Samsung Printer Pro*Xpress*

M4583FX

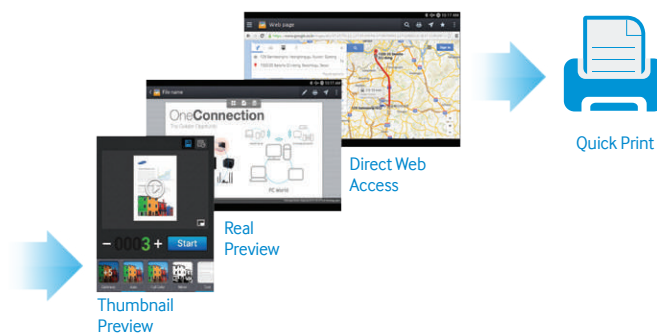# THE NEW WAY OF PRINTING, INNOVATED FOR SMARTER BUSINESS

SAMSUNG

Go beyond your work capabilities with print innovation.

To keep up with the fast-paced business world, workplaces are embracing bring your own device (BYOD) policies. This trend is leading to more efficient, more seamless operations and highly productive employees using smartphones, tablets and cloud computing in the office.

Businesses now want to extend that same smart technology to all devices. Printers are expected to have the same functionalities and interoperability as cutting-edge mobile devices, and businesses are seeking print solutions that can be easily managed while delivering powerful performance at reduced costs.

Samsung's new multifunction printer (MFP), the ProXpress M4583FX, provides smart usability that allows users to work faster and more efficiently using intuitive, easy-to-use controls. And with high-performance and resource-efficient features, this MFP can meet the printing needs of work groups that depend on reliable, cost-competitive document handling solutions, while lowering total cost of ownership (TCO).

Work smarter using the latest in intelligent touch features.

Touch & Slide UI on 10.1" Color Touchscreen

10.1"

Samsung User Interface Center
powered by Android™

Convenient Applications and Widgets

Quick Print
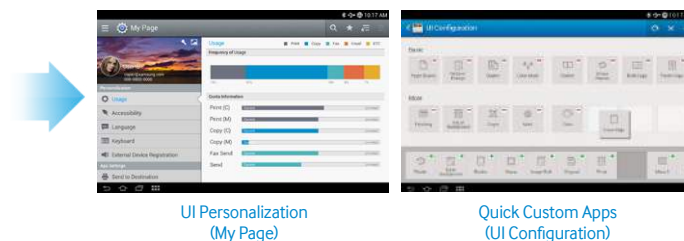
Direct Web Access

Real Preview

Thumbnail Preview

USE

Expand Use with Independent Functions and Extensibility

The Real Preview function is available in preloaded applications, such as Copy, Send and Box. Usability can be further extended with the built in Web Print Browser, which allows you to quickly print content such as maps, pictures, e-mail and more without a PC.

Access even more useful features and solutions by downloading them through the Samsung Print App store.

UI Personalization (My Page)

Quick Custom Apps (UI Configuration)

TOUCH

Touch to Print, Just Like on a Tablet

The ProXpress M4583FX provides innovative usability through the Samsung SMART UI Center, the very first Android printing User Interface (UI). This user-friendly interface provides intuitiveness, usability and extensibility.

Enjoy Preloaded Applications and Widgets

Applications are preloaded, including Copy, Scan/Send, Box (Document Storage), Job Status, Counter, Settings, Build Job, Address Book and Help, which provide users with more convenient usability. In addition, there are custom widgets for creating instant, one-touch access to frequently used functions.

MANAGE

Personalize the User Interface Through My Page

Enhance the UI by arranging and managing the environment per user with My Page. Simply customize the settings and Quick Menu for each user, and keep track of an individual's usage, control accessibility and more.

Create Custom Shortcuts and UIs in a Snap

Administrators can create custom shortcuts directly on the device. Instantly perform complex tasks with one click by customizing the interface configuration.

Process prints and scans at super-fast speeds without sacrificing quality.

Boost productivity with ultra-fast performance.

Work fast, wait less.

Scan at High Speed

The ProXpress M4583FX is equipped with a Dual Scan Document Feeder (DSDF), enabling it to deliver high scanning speeds. This workhorse MFP can scan up to 35 single-sided images per minute (ipm) and up to 60 double-sided ipm.

Faster Print Processing with Zero Fuss

The ProXpress M4583FX prints at speeds of up to 47 pages per minute (ppm). A 1 GHz dual-core CPU provides the power and capacity to accomplish print and copy jobs of any size or complexity.
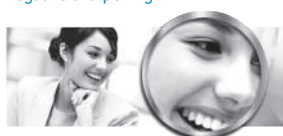
High-Speed
Dual Scan
Up to 60 ipm

Fast Print Speed
Up to 47 ppm

Edge Enhancement

Negative Sharpening

De-ICE (Integrated Cavity Effect)

De-Screening

Get Sharper-Quality Print Output

Samsung's unique Rendering Engine for Clean Page (ReCP) technology delivers professional-quality output with sharp text and clean images. The innovative technology automatically sharpens the focus of both graphics and text. And with a superior resolution of 1,200 x 1,200 effective dpi, your scans, printouts and company will always look professional.

Samsung MPS, Mobile, Security and Productivity Solutions.

Samsung's strategic partnerships allow us to offer simplified, seamless solutions that increase both security and office productivity.

SAMSUNG	INTEGRATED SOLUTION VENDOR			SAMSUNG SOLUTIONS
MPS / FLEET MANAGEMENT	Compass Sales Solutions FMAudit	MWA Intelligence▲ PrintFleet		SyncThru Admin™
OUTPUT MANAGEMENT COST ACCOUNTING	Copitrak Drivve▲ Equitrac▲	Jetmobile▲** PaperCut▲ Pharos Systems▲*	Prism Software▲ Ringdale▲	**BUSINESS CORE™ PRINTING SOLUTIONS** Usage Tracker▲ SecuThru™ Lite 2▲
DOCUMENT DISTRIBUTION CONTENT MANAGEMENT	EMC² Drivve▲ GoldFax▲ InfoDynamics▲**	Intellinetics LaserFiche▲** Notable Solutions, Inc.▲* Omtool▲	OPENTEXT ▲* Perceptive Software▲ Prism Software▲	Cloud Connector▲ Secure Login Manager▲ SmarThru™ Workflow Lite▲ SmarThru™ Workflow 3▲
MOBILE AND CLOUD	Drivve▲	EFI		Samsung Mobile Print App PrinterOn

▲XOA Solution   *Limited   **2015

Manage operational expenses through cost-efficient attributes.

Lower your TCO with cost-efficient solutions and supplies.

Do more jobs, spend less.

Save Resources with Low TCO Printing

Businesses can handle heavy printing volumes while reducing costs with the ProXpress M4583FX. Flexible options include a long-life drum supporting up to 100,000 pages and extra-high yield toner supporting up to 40,000* pages, which are designed to perform longer, resulting in a lower total cost of ownership.

MLT-D304E: Extra-High Yield Toner (40,000 page yield)

MLT-R304: Drum (100,000 page yield)

Create a Customized and Cost-Efficient Printing Environment

Samsung Business Core™ Printing Solutions (BCPS) is a software suite that runs on the XOA-Embedded platform and was created for small to medium-sized businesses to improve workplace efficiency. With custom workflows, secure print release and cloud printing, IT managers can easily implement the kind of print and document management solutions typically seen in the enterprise. These essential printing solutions include:

Cloud Connector
Business Core™ Printing Solutions

SmarThru™ Workflow Lite
Business Core™ Printing Solutions

Secure Login Manager
Business Core™ Printing Solutions

SecuThru™ Lite 2
Business Core™ Printing Solutions

XOA eXtensible Open Architecture

Usage Tracker
Business Core™ Printing Solutions

For further customization, numerous certified partner solutions are available through the Samsung XOA platform (XOA Embedded and XOA Web).

User Authentication

NFC Tap & Print

Secure Printing

Easy to Set Up and Manage

All-in-One Wireless and NFC Option

NFC PRO

Manage your printing needs from a Samsung mobile device.

The Samsung Wireless and NFC printing option can be added to support various mobile printing solutions with just a tap, including:

User Authentication: Enable authorized users to tap and print to a Samsung MFP from their mobile devices.

Secure Printing: Authorize secure release of documents held in the printer's memory with BCPS and your mobile device.

Easy Wireless Setup: Configure wireless (IP) print setup from your mobile device without complicated activation steps.

Device Cloning: Clone standardized functions of an MFP.

Google Cloud Print: Allows user to print to their Samsung printers from any device at any time.

The Samsung Mobile Print App Makes the Smartphone Smarter

Increase your productivity with the Samsung Mobile Print App, available as a free download for Android and iOS platforms. Print, scan and fax directly to and from any Samsung printer or MFP on a local wireless network or via Wi-Fi Direct on select models. Print important emails, PDFs and Microsoft® Office documents, all without the need for an external server or PC.

PrinterOn is the world's leading patent-protected enterprise-grade mobile printing platform, and is designed for any organization that wants to provide simple, secure mobile and cloud printing. **printeron.com**

Samsung's Mobile Print solution earned the Summer 2012 Pick as "Outstanding Mobile Print App" from Buyers Lab, Inc.

BLI BUYERS LAB 2012 PICK

*Declared cartridge yield in accordance with ISO/IEC 19752

Customize your MFP with a flexible print solution.

Select from a range of options to create a tailor-made MFP.

With its unique configuration capabilities, the ProXpress M4583FX can meet the needs of business of any size or industry. Options include a wireless and NFC adapter, extra paper cassettes, expandable memory and a stand.

CONFIGURATIONS AND OPTIONS

DSDF (standard)
Dual Scan Automatic Document Feeder

- 50-sheet capacity
- Single-pass 2-sided document scanning

Wireless and NFC Option

- IEEE 802.11 b/g/n
- NFC (Active Type)
Model # SL-NWE001X

2 GB Memory (DDR)
Model # SL-MEM001

Optional Paper Tray (Supports up to 3 additional trays)
Model # SL-SCF4500

Short Stand
Model # SL-DSK001S

Supplies	
Imaging Unit	(MLT-R304) 100,000 Pages
Standard Toner	(MLT-D304S) 7,000 Page Yield
High Yield Toner	(MLT-D304L) 20,000 Page Yield
Extra-High Yield Toner	(MLT-D304E) 40,000 Page Yield

ProXpress M4583FX

Specifications	M4583FX
Overview	Monochrome Laser Multi Function Printer
Value Added Features	Eco Mode, Extra High Yield Toner, XOA Embedded, Customizable Android based UI, ReCP Technology
Print	
Speed	Up to 47 ppm in Letter
Resolution	Up to 1,200 x 1,200 dpi
First Print Out Time (From Ready)	< 6.5 seconds
Emulation	PCL5e / PCL6 / PostScript3 / PDF Direct V1.7
Duplex	Automatic
Copy	
Speed	Up to 47 cpm in letter
Resolution	Up to 600 x 600 dpi
First Copy Out Time	Less than 6.5 seconds platen, Less than 7.5 seconds ADF
Multi Copy	1~9,999 pages
Duplex Copy	Standard
Copy Features	N-Up / Booklet / Book Copy / Poster Copy / Image Repeat / Watermark / Stamp / Overlay / Erase Edge / Image Shift / Covers / Background Adjustment / Mirror Image / Negative Image / Build Job / Proof Copy / ID Copy / Save to Box
Scan	
Compatibility	TWAIN, WIA, ICDM, SANE (Linux)
Scan Speed	Duplex : up to 60 ipm / Simplex : up to 35 ipm
Resolution (Optical / Enhanced)	Up to 600 x 600 dpi / Up to 4,800 x 4,800 dpi
Duplex Scan	Yes
Scan Depth	Mono: 8 bit, Color: 48 bit
Scan to	Email, SMB, FTP, PC, WSD, Box (Document Storage), Cloud Services
Fax	
Compatibility	ITU-T G3 / Super G3
Communication System	PSTN / PABX
Modem Speed	33.6Kbps
Color Fax	Yes
Resolution	Standard: 203 x 98 dpi, Fine: 203 x 196 dpi, Superfine: 300 x 300 dpi, Color: Up to 200 x 200 dpi
Memory	HDD Shared
Fax Features	On hook dial, search (address book), Speed Dial, Tad I/F, Tone/Pulse, Pause, Auto Redial, Last Number Redial, Distinctive Ring, Caller ID, External Phone Interface, Fax Forward to E-mail, Broadcasting, Delayed Fax
Paper Handling	
Input Capacity	550-sheet Cassette, 100 Sheet MP Tray, Up to 3 Extra 550 Sheet cassettes (Maximum 2,300 Sheets)
Output Capacity	500 sheets Face Down
Media Size	3" x 5" ~ 8.5" x 14"
Media Type	Plain, Thin, Thick, Recycled, Pre-Printed, Punched, Letterhead
Media Weight	Standard Cassette Tray: 60-163 g/m^2 (16-43 lbs.); MP Tray: 60-220 g/m^2 (16-59 lbs.)
General Features	
Mobility	Google Cloud Print, Apple AirPrint, Samsung Mobile Print, NFC Tap and Print (optional)
Processor	Dual Core 1 GHz
Memory (RAM)	1GB (2GB Maximum with expansion)
OS Compatibility	Windows (32/64 bit) XP/2003/Vista/2008/7/8/2008 R2, Mac OS X 10.5~10.9, Various Linux, Various Unix, CiTRIX Presentation Server, Windows Terminal Services
Interface	Hi-Speed USB 2.0, Ethernet 10/100 Base TX. Optional Wireless: IEEE 802.11 b/g/n and Active NFC (NWE001X)
Display	10.1" in Touchscreen LCD Powered by Android
Monthly Duty Cycle	Up to 200,000 sheets/month
Noise Level	<54 dBA while Printing
Power Consumption	900W Printing, 10W Ready, 1.8W Sleep, 0.45W Power Off, 2.9 kWh TEC
Unit Dimension (W x D x H)	20.9" x 18.1" x 25.5"
Box Dimensions (W x D x H)	28.7" x 24.2" x 32.8"
Unit Weight	70.54 lbs.
Box Weight	83.78 lbs.
Consumables	
Toner System	Two piece toner system
Starter Toner	7,000 page yield
Toner Models and Yields	Standard Yield 7,000 page yield (MLT-D304S) High Yield 20,000 page yield (MLT-D304L) / Extra-High Yield 40,000 page yield (MLT-D304E)
Drum Unit	100,000 page yield (MLT-R304)
Toner Metrics	Declared cartridge yield in accordance with ISO/IEC 19752
Options	
Second Cassette Tray	SL-SCF4500 - 550 Sheets (Up to 3)
Stand	SL-DSK001S
Memory (RAM) Upgrade	SL-MEM001 (1 GB)
Wireless LAN	SL-NWE001X (Wireless + NFC)
Warranty	
	1 Year Parts and Labor, Fulfilled by Samsung
What's in the box?	
	Power Cord, Full Standard Yield Toner, Driver/Software CD with Digital User Manual, Warranty Card, Quick Installation Guide

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For complete product information and accessories, visit samsung.com/business or samsung.com/b2bprinters

Product Support: 1-800-SAMSUNG or 1-866-SAM4BIZ | Follow Us: youtube.com/samsungbizusa | @SamsungBizUSA

ENERGY STAR AWARD 2014 PARTNER OF THE YEAR

Samsung Electronics has been named 2014 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).

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