Xerox® Phaser® 8560MFP
Multifunction Printer
Evaluator Guide

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About this Guide

This guide will introduce you to the Phaser® 8560MFP multifunction printer (MFP) and aid you in your evaluation process.

Section 1: Introducing the Xerox Phaser 8560MFP
Overview

The Phaser 8560MFP is a colour multifunction system that delivers tightly integrated features, excellent colour printing quality and simple operation and administration. Based on Xerox-exclusive solid ink colour printing technology, the Phaser 8560MFP offers easy cartridge-free ink loading without toner spills or empty cartridges to throw away. The Phaser 8560MFP is a true multitasking multifunction system — multiple features can be accessed simultaneously and new jobs can be programmed even while pages are being printed.

Multiple functions, no waiting

Spend less time creating and managing your documents and more time on your critical business activities. The Phaser 8560MFP will improve your efficiency and productivity with an impressive array of time-saving tools:

- Access the walk-up copying, scanning and faxing features of the Phaser 8560MFP when you need them — even while other jobs are printing

- Fast print speeds and a powerful controller deliver efficient job processing

- Ease the chore of managing your hard copy documents by scanning them directly to your desktop, network location or mailbox

- Avoid interventions by configuring total paper capacity from 625 sheets up to 1,675 sheets

Outstanding colour

Precise detail, rich and vibrant colours, excellent print quality — the Phaser 8560MFP can help you create the materials you need to get your business noticed:

- Supports a broad range of media so you can produce your short-run colour projects in-house

- Print colour-intensive jobs reliably and accurately with true Adobe® PostScript® 3™ and Xerox colour correction technology tools

- Bright, vibrant solid ink print quality delivers consistent prints day in and day out

A snap to set up, operate and share

Intuitive to operate with easy to replace consumables – the Phaser 8560MFP doesn't get in the way of your productivity.

- Wizard-based print and scan driver installation gets you up and running in minutes

- Loading solid ink is as easy as loading a stapler

- PrintingScout™ automated troubleshooting technology proactively alerts you if your print jobs are interrupted and tells you what action is required

- Use Xerox CentreWare® Internet Services Embedded Web Server to manage and configure the settings of your Phaser 8560MFP

- Built-in security features keep your confidential data safe

Section 1: Introducing the Xerox Phaser 8560MFP
Phaser 8560MFP Configurations

Phaser 8560MFP/N

Standard network printing, copying, network scanning, faxing

Print Features:

- Print Speed — Up to 30 ppm colour and black and white

- First-Page-Out-Time — As fast as 6 seconds colour

- Automatic Two-Sided Printing

- Resolution —Up to 2400 FinePoint™

- Language support — Adobe® PostScript® 3™, PCL® 5c emulation

- Advanced Features — Custom-size pages, Intelligent Ready, PrintingScout™, Booklet printing*, N-Up, Personal/Personal Saved/ Secure/Proof/Saved Print, Collation and more

Copy Features:

- Copy Speed — Up to 22 ppm colour and black and white

- First-Copy-Out-Time — As fast as 15 seconds colour and black and white

- Resolution — Up to 600 x 600 dpi

- Advanced Features — Book copying*, Booklet creation*, Collation, Covers, Image Center, Image Shift, N-Up, Repeat Image and more

Scan Features:

- Scan Speed — 22 ppm via DADF

- Resolution — Up to 600 x 600 dpi

- File Formats — JPEG, TIFF, PDF

- Scan Destinations — PC/Mac Desktop, Mailbox, TWAIN application, Email (via PC), System Hard Drive, User Name, Public/ Private Folders

Fax Features:

- Transmission Speed — Up to 33.6 kbps

- Resolution — Up to 300 x 300 dpi

- Speed Dial — 200 individual settings, 100 group settings

- Advanced Features — LAN Fax, Fax to multiple addresses, Delay Send, Auto Suppression, Secure Fax

Controller:

- Processor — 600 MHz

- Memory — 512 MB (1 GB maximum)

- Hard Drive — Minimum 40 GB

Connectivity: 10/100 Base-X Ethernet, USB 2.0, IPv6**

Duty Cycle: Up to 85,000 images per month

Paper Capacity: 625 total sheets

- Tray 1/Bypass Tray — 100 sheets

- Tray 2 — 525 sheets

Paper Handling:

- Supported Sizes —
  - Tray 1/Bypass Tray — Custom sizes from 76 x 127 mm to 216 x 356 mm
  - Tray 2-4: Selectable sizes from 176 x 250 mm to 210 x 297 mm

- Supported Weights —
  - Tray 1/Bypass Tray — 60 to 220 gsm
  - Trays 2–4 — 60 to 120 gsm

- Support for a wide range of papers, envelopes, labels, transparencies and card stocks

Warranty:

- One-year on-site warranty

* Requires 2-sided printing
** Requires system firmware version 1.3.7 P (for Printer only)

Phaser 8560MFP/D

Includes all capabilities of the Phaser 8560MFP/N, with the following upgrades:

Print and Copy Features:

• Automatic Two-Sided Output

Duplex Automatic Document Feeder (DADF):

• Two-Sided Single-Pass Scanning of Original Documents
• Capacity — Up to 50 sheets
• Supported Sizes — 114 mm x 140 mm to 216 mm x 356 mm
• Supported Weights – 60 to 120 gsm

Phaser 8560MFP/T

Includes all capabilities of the Phaser 8560MFP/D, with the following upgrades:

Paper Capacity: 1,150 total sheets

• Tray 1/Bypass Tray — 100 sheets
• Tray 2 — 525 sheets
• Tray 3 — 525 sheets

System Cart

Phaser 8560MFP/X

Includes all capabilities of the Phaser 8560MFP/T, with the following upgrades:

Controller:

• Processor — 600 MHz
• Memory — 1 GB
• Hard Drive — Minimum 40 GB

Paper Capacity: 1,675 total sheets

• Tray 1/Bypass Tray — 100 sheets
• Tray 2 — 525 sheets
• Tray 3 — 525 sheets
• Tray 4 — 525 Sheets

Section 2: Evaluating Multifunction Systems
Overview

As the company that invented laser printing, Ethernet networking, and the first digital multifunction system, Xerox has invested years of research and development in designing the most productive office devices in the industry. This experience has positioned Xerox as the recognised leader in office multifunction system design and performance.

Based on our in-depth understanding of customer needs in the office, Xerox recommends the following criteria be considered in the evaluation process of a workgroup multifunction system:

- **Productivity** — can it keep up with the demands of a multiple user environment?

- **Installation** — how does the multifunction system ease the demands of installing the system and software drivers?

- **Ease of Use and Management** — are all the capabilities integrated and intuitive?

- **Reliability** — is it designed and built for demanding use and backed by a quality organisation?

- **Versatility** — can the multifunction system grow if/when your needs change?

- **Security** — is the multifunction system able to keep your confidential information safe?

- **Cost Control** — can you monitor and control your organisation's cost of printing?

Multifunction systems often look the same from the outside. Based on a quick look at specifications on speeds and resolution, you might incorrectly conclude that most multifunction systems are basically equal. This section of the Evaluator Guide will suggest ways you can thoroughly evaluate them, and show how the Xerox Phaser 8560MFP can best meet your needs.

Section 2: Evaluating Multifunction Systems
Evaluate Productivity

In addition to actual print engine speed, consider the things that affect overall throughput. Overall productivity considerations include multitasking capability, the speed of functions like scanning and faxing, device memory, and more. Are you able to manage the job queue, and can the system help automatically prevent downtime? Is the multifunction system optimised for productivity? Does the performance of the various features improve upon what you already had in your environment, allowing you to boost productivity while updating your infrastructure and/or consolidating devices? Does the system minimise network traffic created by the scan and print functions? Can you monitor the device functions from your desktop and at the device?

How the phaser 8560MFP exceeds the productivity requirement:

Overall Productivity

Overall productivity encompasses both raw performance and system design. The Phaser 8560MFP delivers the performance you need to power your busy workgroup, starting with up to 30 ppm colour and black and white print speeds and up to 22 ppm colour and black and white copy speeds. The optional duplex automatic document feeder (DADF) enables fast copy and scan performance by automating the scanning of multi-page originals, and scans both sides of the page in one pass. Combined with first-page-out times of six seconds for colour prints and nine seconds for colour copies, the performance of the Phaser 8560MFP minimises the time spent by your employees waiting for the system to complete its jobs.

Building on an impressive range of print, copy, scan and fax performance, the Phaser 8560MFP also offers true multitasking operation. With many multifunction systems in this class, you cannot programme a job at the front panel while the multifunction system is busy printing a print or copy job. The result is idle time spent waiting for the multifunction system front panel to become available again – this is not the case with the Phaser 8560MFP. The front panel is always available to programme the next copy, scan or fax job

— even while the printer is busy with a print or copy job. Programme and scan the next copy job, send a scan to your PC, or programme and scan a fax — all of these features remain available, keeping you productive and avoiding bottlenecks at the system.

The Phaser 8560MFP includes a number of additional features to maximise productivity and minimise downtime. These capabilities include:

- **Collation** — Multiple sets of multi-page jobs automatically collated and ready for distribution, saving time and hassle.
- **Intelligent Ready** — Tracks usage patterns to ensure it is ready to print when you are, automatically warming up during times of typical office activity and entering power saver mode during times of typical office inactivity.
- **Job Pipelining** — Simultaneously print one job while processing the next.
- **PhaserSMART®** — Remote diagnostic tool provides automated internet-based support.
- **PrintingScout™** — Instantly displays pop-up help messages if attention is needed during print jobs, with instructions on how to resolve issues.

- **Smart Trays** — Automatically pulls media from the appropriate tray based on the media size and type specified by the application.
- **Solid Ink Supplies** — Solid ink sticks are quickly and easily loaded into the system — like loading staples into a stapler, minimising downtime when supplies need replenishment. Solid ink can be topped off at any time — so gear up for that long print job or top off all the ink when one gets low.
- **Support Centre** — An electronic "toolkit" installed with the driver that allows access to all user documentation, tools and utilities.

Print Features

At its core, the Phaser 8560MFP is a workgroup-ready network colour printer with fast printing speeds and without a speed penalty for colour – up to 30 ppm print speed for both colour and black and white and a first-page-out time as fast as six seconds for colour. Optional automatic two-sided printing saves paper and gives your printed materials a professional image. The combination of a print resolution up to 2400 FinePoint™ and the vibrant, glossy colour of solid ink enables the Phaser 8560MFP to deliver excellent print quality.

The print features are accessed via easy and intuitive print drivers utilising true Adobe® PostScript® 3™ or PCL® 5c emulation. These print drivers include bi-directional communication, presenting system and supply status without forcing you to walk to the multifunction system or open a separate application. Other advanced print features and settings available within the print driver include:

- **Automatic Colour Correction** — Manage the colour output of the Phaser 8560MFP and match the colour of various monitor and printer types

- **Booklet Printing** — Configures printed documents for folding into booklets

- **Colour Printing Password** — Grant access to colour printing capabilities to select individuals

- **Cover Sheets** — Pull specified media from a separate paper tray for specific pages in a print job

- **Custom Page Sizes** — Fit image to any paper size from 76 x 127 mm to 216 x 356 mm

- **N-up Printing** — Print multiple pages of a document onto one side of paper

- **Poster Printing** — Print an image onto many sheets of paper (up to 4 x 4) to create a poster-size image

- **Separation Pages** — Easily sort jobs in the output tray with pages that identify the print job and owner

- **Watermarks** — Add watermarks to preserve security or define use of printed documents

Copy Features

The Phaser 8560MFP is a full-featured copier, and with up to 22 ppm and as fast as fifteen second first copy out time for both colour and black and white – there is no performance compromise. The optional DADF enables the automated processing of multiple pages, and can scan both sides of the original in a single pass.

The control panel of the Phaser 8560MFP is designed to help you programme your job as quickly and efficiently as possible, with hard button selections for Colour Mode, Original Type (photo, graphics, graphic/text mix, text), Output Quality, 2-Sided Setting (2-2, 2-1, 1-2, 1-1), Lighten/Darken, and Reduce/Enlarge. The interactive display also eases the programming of advanced features, including:

- **Colour Copy Password Protection** — Password-based access to colour copy features restricts colour usage to authorised users

- **Cover Pages** — Pull specified media from a separate paper tray for specific pages in a copy job

- **Edge Erase** — Remove page edges to improve copy quality

- **Gutter Erase** — Improve quality of copied book pages by removing image of page binding

- **N-Up Copying** — Copy multiple pages of a document onto one side of paper

- **Poster Copying** — Copy an image onto many sheets of paper (up to 3 x 3) to create a poster-size image

- **Watermarks** — Add watermarks to preserve security or define use of copied documents

Scan Features

Scan speed and image quality – the Phaser 8560MFP delivers overall scan performance that can meet the needs of your busy employees. Up to 22 ppm scanning through the optional DADF, with the ability to scan both sides of an original document in a single pass, means the Phaser 8560MFP can process even large multi-page scan jobs quickly. Resolution up to 600 x 600 dpi, and settings for photos, graphics, mixed and text files mean you can choose the resolution you need to get your job done right. You also have a choice of file formats for your scanned images, including JPEG, TIFF and PDF.

The Phaser 8560MFP offers a variety of scan destination options. Choose from:

- **Scan to PC/Mac** — Scan files directly to your PC or Mac desktop simply by selecting your username from a list accessed from the front panel of the Phaser 8560MFP.

- **Scan to Mailbox** — Scan files to a public or private folder on the Phaser 8560MFP hard drive, then retrieve from your computer via any standard web browser.

- **Scan to Email** — Send scanned files to one or many email locations using the Xerox Scan Utility.

- **Scan to Application** — Utilising the included TWAIN or WIA scan drivers, scan files directly into your application workflows.

Fax Features

The Phaser 8560MFP includes fax as standard functionality. With built-in 33.6 kbps fax transmission speeds, support for up to 200 speed dial settings and 100 group dial settings, and up to 300 x 300 dpi transmission resolution — the Phaser 8560MFP is the only fax machine you'll need. Further, the multitasking capabilities built into the Phaser 8560MFP mean it will be available when you need it to be — keeping you from waiting for a print or copy job to finish before you can programme your fax job.

The Phaser 8560MFP also includes PC Fax capabilities as part of its standard feature set. PC Fax allows you to send a fax from your desktop as easily as you would send a print job to the printer. In the Phaser 8560MFP print driver, simply select "Fax" in the "Walk-Up Features" drop-down menu on the "Output Options" tab, and your electronic file will be faxed — saving you the steps of first printing the document and then going to the system to send the fax.

Network Traffic

The Phaser 8560MFP limits network bandwidth consumption in a variety of ways. Files are sent over the network just once, regardless of how many sets are being printed. A job consisting of five sets of a 10-page document is sent over the network as 10 pages – files are processed at the device and off the network, freeing up users' workstations and minimising network traffic.

The Phaser 8560MFP also supports a variety of compression methods and file formats to limit the impact of scanned images on your network. Users can select from JPEG, TIFF and PDF to find the right mix of file size and image quality for their scan jobs.

Managing Jobs

There are no unknowns. Up-to-date information is available for every job type including print, copy, scan, email, or fax. Both at the device via the front panel, or from your desktop via the network, you can manage documents and jobs in the job queue, display job progress and status, and delete jobs with a few mouse clicks or button pushes. Further, if one of your print jobs is interrupted, Xerox PrintingScout technology will alert you to the issue and provide instructions on how to resolve it and get the Phaser 8560MFP back up and running.

Section 2: Evaluating Multifunction Systems
Evaluate Installation

Installing and deploying a fleet of multifunction systems throughout your organisation is a potentially time consuming and complicated process. This process is not limited to physically placing the units in your environment, but about how these systems will integrate into your existing network infrastructure. You also need to consider the process required to deploy printing and scanning services to your users, and how automated that process can be.

How the phaser 8560MFP exceeds the installation requirement:

Easy to Install

Installation is simple — once you've decided where in your office to locate the Phaser 8560MFP, simply open the packaging and follow the easy to understand graphical installation instructions. Assemble the system (comprised of print engine, scanner module and extra paper trays depending on your configuration), plug in the power and network cables and power up the system — it will automatically connect to your network and already has supplies installed.

Easy to Deploy

Once you've assembled the Phaser 8560MFP and have it turned on and connected to your network, installing drivers to your employees' computers is a simple, wizard-based process using either the included install CD or by connecting to the Phaser 8560MFP via any standard web-browser. When you insert the installation CD, you will be presented with links to a variety of information and tasks including installing drivers, accessing guides and tutorials, registering your printer, or accessing the Xerox Colour Connection website. Choosing "Install Driver" will give you the choice to install both the print and scan drivers, or to install the print or scan drivers individually — letting you decide what features of the Phaser 8560MFP your employees can access.

Section 2: Evaluating Multifunction Systems
Evaluate Ease of Use and Management

Look for fully integrated functions that combine to create more value than the sum of their parts. Are the functions easy to learn? Is the user interface consistent from function to function? Do the network features give you full access to the power of your system? Does the device include additional software to take full advantage of your digital documents? Is the device easy for your IT organisation to manage as part of its infrastructure?

How the phaser 8560MFP exceeds the ease of use requirement:

Intuitive User Interface

The Phaser 8560MFP front panel has been designed to help you quickly and easily programme your jobs, making commonly used settings available on the front panel while providing access to advanced features through the graphic display screen. Five buttons give one-touch access to the copy, scan, print, fax and system functions, with the currently selected button identified by an illuminated button. Advanced options available on the left side of the front panel include:

- **Colour Mode** — Selections include black and white, colour and automatic

- **Document Type** — Choose from photo, graphic, mixed, and text settings

- **Output Quality** — Four image quality settings from photo mode to draft

- **Two-sided** — Settings include 2-1, 2-2, 1-2, 1-1 for copying; 2-1 or 1-1 for scanning and faxing

- **Lighten/Darken** — Seven options for lightening or darkening a copy

- **Reduce/Enlarge** — Multiple pre-set settings for reducing and enlarging copy size, with detailed and automatic settings

The availability of advanced options changes to match the currently selected function. For example, in Copy mode, each of the advanced options is available as each are pertinent to the programming of copy jobs. When Scan mode is selected only Colour Mode, Document Type and two-sided are available, as the Output Quality, Lighten/Darken and Reduce/Enlarge options are irrelevant to programming a scan job. The graphic display interface is also context-specific, changing to include options and settings that are relevant to the selected function and making advanced and detailed settings easily available when programming jobs.

The right side of the front panel includes the dedicated fax buttons, alphanumeric keypad and control buttons. The fax buttons provide easy access to the speed dial, send list, delay send and pause fax features. The alphanumeric keypad is for inputting fax numbers and copy quantities. The control buttons include the clear all button, the stop button and the ubiquitous green "start" button.

Bi-Directional Drivers

The Phaser 8560MFP print driver features a clear graphical user interface that provides an easy, intuitive way to interact with the system. The print driver provides bi-directional information, indicating device status, job status, currently loaded paper sizes and types, and supplies status – there is no need to consult separate software in order to obtain this information.

The print driver user interface is designed to give quick and easy tab-based access to commonly used and advanced features. Tab options include:

- **Layout** — The default driver tab, which include settings for page orientation, two-sided settings and N-up printing

- **Paper/Quality** — Paper selection settings and status, as well as options for print quality and cover pages

- **Output Options** — Settings for walk-up features like secure and proof printing and insertion of separation pages

- **Xerox Colour Correction** — Offers a set of advanced features for controlling the colour output of your Phaser 8560MFP, with settings for matching the colour of other printing devices and computer displays

- **Troubleshooting** — Settings for the PrintingScout utility and links to online help resources

How the phaser 8560MFP exceeds the ease of management requirement:

Network Printing

It couldn't be easier for the network administrator. The Phaser 8560MFP integrates seamlessly into virtually any network environment. Network configuration is easy with CentreWare install wizards – eliminating the need for IT staff to travel device to device to reset parameters, connect users or manage job queues. Built-in support for Simple Network Management Protocol (SNMP) eases the step of integrating network enabled Phaser 8560MFPs into your already-existing network environments.

CentreWare Management Software

Xerox CentreWare Web management software is a powerful enterprise management solution for I.T. CentreWare Web is an optional free software that eases the chore of installing, configuring, managing, monitoring and pulling reports from the networked printers and multifunction systems throughout the enterprise – regardless of vendor. Xerox also addresses enterprise asset management through compatibility with network management tools from a variety of vendors.

The Phaser 8560MFP also includes CentreWare Internet Services, an embedded web server that allows for management of individual devices, including performing detailed status checks and settings changes without any special software tools.

Third Party Management Integration

To ease integration into environments with products from multiple vendors, the Phaser 8560MFP can integrate with third party management applications like Unicenter® TNG, Tivoli® NetView®, Microsoft® Management Console, and HP® OpenView®.

Xerox Office Services

Lastly, Xerox offers a set of services for managing document output and asset infrastructure in the office. These services deliver measurable business results by leveraging a powerful set of office technologies, business processes, methodologies, and software tools to reduce costs and improve productivity. These offerings are summarized in Section 4 of this guide.

Section 2: Evaluating Multifunction Systems
Evaluate Reliability

Productivity relies on tools that do their job day-in and day-out. Consider how often you need to intervene with the machine to replace paper or other consumables or to clear jams or other problems. How easy are those interventions and how long is the device typically down? If outside assistance is required, how easy is it to arrange and how long do you have to wait? Has the device been tested and certified by independent industry participants?

How the phaser 8560MFP exceeds the reliability requirement:

Day to Day Operation

Easy-to-load solid ink contributes to the reliable daily operation of the Phaser 8560MFP. Loading solid ink sticks into the printer is as easy as reloading a stapler, and you can top off the ink supply without interrupting a print job or having to wait until the ink runs completely out.

If you do run into an issue that needs attention, whether it's paper that needs replenishment or a door that was left open, PrintingScout technology will proactively alert you to the interruption and prompt you with instructions on how to resolve the issue. By proactively instructing you on how to solve issues, and allowing you to keep supplies full at all times, the Phaser 8560MFP helps you avoid downtime and maintain productivity.

Xerox also provides an online resource for troubleshooting and technical information called PhaserSMART (www.phasersmart.com). Via the Internet and with your permission, PhaserSMART gathers information stored on your printer to diagnose technical issues and collect relevant solutions from the Xerox Knowledge Base. If PhaserSMART can't resolve your issue, it will help you connect with a local Authorised Service Provider or open a support request with Xerox Customer Support.

Service and Support

Building on the reliability that is engineered into the Phaser 8560MFP, Xerox has trained and developed a sophisticated service-delivery network that is capable of helping you maintain your equipment, address issues that you may encounter with your equipment, and train you and your users on how to get the most out of your equipment.

Compliance and Certifications

The Phaser 8560MFP has been evaluated for functionality and quality by a number of independent entities and has been awarded the following certifications:

- Certified to UL 60950-1/CSA 60950-1-03, 1st Edition
- Canada ICES-003 Class A
- EN 60950-1
- EN 55022, Class A
- RoHS Directive 2002/95/EC
- FCC Part 15, Class A
- Low Voltage Directive 73/23/EEC
- EMC Directive 89/336/EEC
- EN 55024
- GOST

Section 2: Evaluating Multifunction Systems
Evaluate Versatility

Do you have multiple configuration options to choose from, to fit your environment? Does the multifunction system feature the media support your business requires? Can multiple functions be performed simultaneously? Are third party solutions available to integrate the multifunction system into your business processes?

How the phaser 8560MFP exceeds the versatility requirement:

Configurations

All three configurations of the Phaser 8560MFP come standard with the full complement of colour and black and white multifunction system features – network printing, copying, scanning and faxing. The three configuration options enable you to right-size the Phaser 8560MFP for your office, choosing the right amount of paper capacity and memory required to support your employees and applications.

Media Support

The Phaser 8560MFP is an excellent option for busy offices and workgroups who print on a variety of media types up to 216 x 356 mm. Media weights from 60 to 220 gsm are supported through the Tray 1 multi-purpose tray, with support for 60-120 gsm through all other trays. The optional DADF supports media from 60 to 120 gsm to accommodate a broad range of original documents for copying, scanning, and faxing. The 216 x 356 mm platen glass eases the scanning and copying larger documents like books and legal contracts.

In addition to plain paper stocks, the Phaser 8560MFP supports media types including transparencies, envelopes, labels, glossy paper and custom-size paper.

True Multitasking

The Phaser 8560MFP is a true multitasking multifunction system, delivering optimised system performance and increased employee productivity. The Phaser 8560MFP front panel stays available for programming jobs even while the engine is busy printing or copying pages – avoiding bottlenecks at the system by allowing employees to program scan, fax or copy jobs without having to wait for prior jobs to complete. Further, if you need to make a quick copy before heading into a meeting and find the system busy with a long print job, you can make your copy – the Phaser 8560MFP will temporarily pause the print job, make your copy and pick the print job back up where it had left off.

Xerox Alliance Partner Solutions

Xerox alliance partners offer a wide range of server- and client-based software solutions that extend the value of Xerox products by providing advanced solutions for document distribution and management, access and usage control, job tracking/reporting, and output fleet management.

Section 2: Evaluating Multifunction Systems
Evaluate Security Capabilities

What type of security requirements does your office require? Does the device have the security features to meet this demand? Can the device access be protected by a password? Does the device remove latent images on disk drives and in memory?

How the phaser 8560MFP exceeds the security requirement:

Standard Security Features

Xerox is committed to the security of its products and takes a unique approach to security within the document industry. Xerox believes security should be built in as a core component of the multifunction system and its controller. For instance, full system status is available through the CentreWare Internet Services interface, using a secure model that does not compromise users' information — some competitive devices actually allow users to view the front panel UI in its current state, making confidential long-distance calling codes or email addresses available to all users.

Key security features delivered in the Phaser 8560MFP include:

- **Hard Drive Overwrite** — Electronically erases print, scan and copy data from the hard disk using a 3-pass algorithm specified in the US Department of Defense Directive 5200.28-M

- **Secure Print** — Gives users control of when confidential print jobs are printed, by saving the print job to the multifunction system hard disk until a personal PIN code is input at the front panel to release the job

- **Removal of Unprinted Secure Jobs** — System administrators can schedule the automatic deletion of unprinted Secure Print jobs, to prevent a backlog of sensitive documents from collecting on the multifunction system hard disk

- **Print Host Access List** — Allows system administrators to tightly control who prints to the Phaser 8560MFP

Section 2: Evaluating Multifunction Systems
Evaluate Cost Control

Controlling the cost of multifunction system and printer fleets is a critical capability for organisations of any size. Does your multifunction system provide you the tools you need to manage and track your employees' printing and copying, and the associated cost? Can your multifunction system vendor offer you an all-inclusive monthly contract that includes printing and maintenance costs? Does your vendor have the expertise to analyse your environment and your printing needs to help right-size your fleet to fit your company's needs?

How the phaser 8560MFP exceeds the cost control requirement:

Managing and Tracking Costs

For any I.T. department managing a fleet of multifunction systems, it is crucial to be able to manage and track the costs of operating the systems. The Xerox Phaser 8560MFP includes the following utilities for tracking and managing costs:

- **Password Protection** — Restrict access to colour printing capabilities to select individuals

- **Usage Analysis Tool** — Improved to enable administrators to collect, organise and analyse job accounting data from multiple users. This is very helpful for calculating chargeback billing or planning an optimised printer and multifunction system deployment

Another cost management option is a Xerox maintenance and supplies contract. With this contract, per-page printing costs are fixed, meaning the per page charge is consistent regardless of how much solid ink is used. Similarly, page size does not affect your page cost — A4, legal, index card – all page sizes carry the same cost.
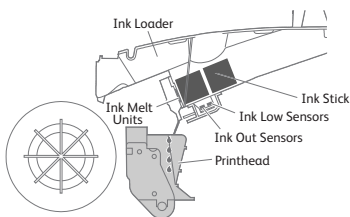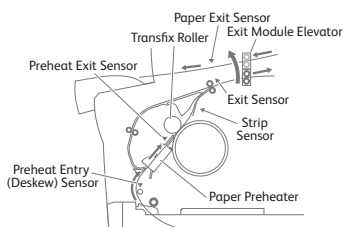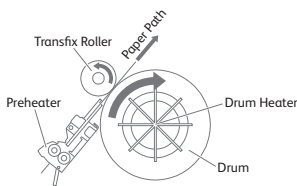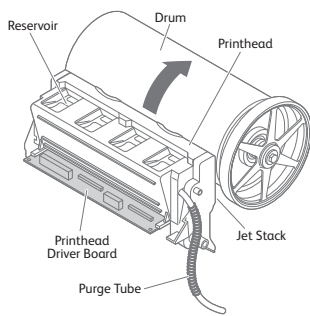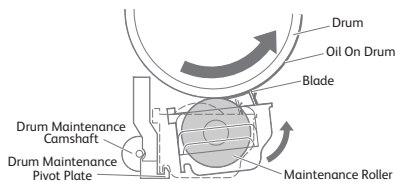
Assessing Your Environment

Xerox can help you decrease your overall document costs by optimising and right-sizing your technology deployment. Three levels of assessment tools and services are available to help you deploy the right mix of equipment to best serve the needs of your environment:

- **Xerox Office Efficiency Calculator** — A five minute, web-based "instant analysis" offers suggestions on your technology needs using information you enter on your environment and key, known industry metrics.

- **Xerox Office Productivity Advisor (XOPA)** — More in-depth Web-based tool assesses your specific document environment. XOPA results suggest better ways to manage page volume between printing, copying and faxing — delivering end user satisfaction and cost efficiency. XOPA is a free service performed by your local Xerox sales representative.

- **Xerox Office Document Assessment (ODA)** — An analytical model that measures and analyses your current document production infrastructure, the ODA provides in-depth improvement plans for significant cost savings and increased efficiency. The ODA is a six-sigma fee-based tool and consulting service oriented more at enterprise level organisations.

Section 3: Inside a Solid Ink Printing System
Overview

Looking inside the Phaser 8560MFP reveals a surprisingly simple printing mechanism for such a powerful printer. In simplest terms, to make a print, a printhead applies ink droplets, comprising a printed image, onto a rapidly rotating, heated drum. The image is transferred directly off the drum onto a sheet of paper. The final print is completely dry since the ink solidifies as soon as it transfers to the paper.

Drum
Oil On Drum
Blade
Drum Maintenance Camshaft
Drum Maintenance Pivot Plate
Maintenance Roller

Reservoir
Drum
Printhead
Printhead Driver Board
Jet Stack
Purge Tube

Transfix Roller
Paper Path
Preheater
Drum Heater
Drum

Paper Exit Sensor
Exit Module Elevator
Transfix Roller
Preheat Exit Sensor
Exit Sensor
Strip Sensor
Preheat Entry (Deskew) Sensor
Paper Preheater

Ink Loader
Ink Melt Units
Ink Stick
Ink Low Sensors
Ink Out Sensors
Printhead

	Advantages
Preparing to print. As the printing process begins, the long-life maintenance roller quickly applies a microscopic layer of silicone oil to the heated drum for reliable ink release.	• A simple, robust, reliable printing mechanism • Maintenance roller lasts up to 30,000 prints (in Extended Maintenance Kit) • No complex consumables
Single pass imaging. Next, the full-width printhead applies all colours at the same time on the rotating drum.	• High-speed image transfer • Simultaneous application of all colours eliminates misregistration of separate cyan, magenta, yellow, and black image layers
Image transfer. A sheet of paper is rapidly fed between the drum and a transfix roller, transferring the ink to the paper.	• High-speed image transfer • A short, simple paper path for speed and high reliability • Transfer printing process yields great print quality on a wide variety of papers • No fuser required
Ink bonding. As the ink on the drum transfers to the paper, it penetrates the paper's fibers, but without the spreading of liquid ink-jets or the toner scattering of laser. The ink cools and solidifies immediately, forming a strong, permanent bond to the paper.	• Colourfast printing with no smearing or drying time • More consistent colour quality on a wider range of media than liquid ink-jet or colour laser
Two-sided printing. For automatic two-sided printing, after the first side is printed, the paper is fed back across the drum through the duplex paper path. The second image on the drum is transferred to the other side of the sheet of paper.	• A simple, short, built-in duplex paper path means faster two-sided output and fewer paper jams • No additional paper tray required
Reloading. The ink loader draws ink from mess-free solid ink sticks instead of a single-use toner cartridge. Ink can be replaced or added at any time without taking the printer offline.	• Easy, on-the-fly ink stick reloading for continuous operation • Ink loader can be "topped off" before long, high-coverage print jobs to avoid interruptions • More environmentally friendly; less waste packaging, less waste ink by-products

Section 4: Configurations, Specifications, Supplies and Options, Support and Additional Information Sources
Configurations

	8560MFP/N	**8560MFP/D**	**8560MFP/T**	**8560MFP/X**
Speed	Up to 30 ppm colour / 30 ppm black and white			
Duty Cycle	85,000 images / month			
Paper Handling Paper input	**Tray 1:** 100 sheets; Custom sizes: 76 x 127 mm to 216 x 356 mm **Tray 2:** 525 sheets; Selectable sizes: 140 x 216 mm to 216 x 356 mm			
Tray 3: 525 sheets	Optional		Standard	
Tray 4: 525 sheets	Optional			Standard
Document handler	Document Glass		**Duplex Automatic Document Feeder:** 50 sheets	
Paper output	250 sheets			
Two-sided output	Optional		Standard	
Copy First-page-out time	As fast as 15 seconds colour / 15 seconds black and white			
Resolution (max)	600 x 600 dpi			
Copy features	Book copying*, Booklet creation*, Collation, Covers, Image Center, Image shift, N-up, Reduce / Enlarge, Repeat image, Colour Password Protection			
Print First-page-out time	As fast as 6 seconds colour			
Resolution (max)	Up to 2400 FinePoint™			
Memory (std / max)	512 MB / 1 GB			1 GB / 1 GB
Processor / PDL	600 MHz processor / True Adobe® PostScript® 3™, PCL® 5c emulation			
Connectivity	10/100Base-TX Ethernet, USB 2.0, IPv6**			
Print features	Custom-size pages, Xerox Installer, Intelligent Ready, Booklet printing*, Smart Trays, Remote Printing, Job Accounting, Printer Neighborhood, Run Black			
Productivity kit	Hard drive: Personal/Personal Saved/Secure/Proof/Saved Print, Print With, Extended font/form storage, Collation, Hard Drive Overwrite			
Scan Scan destinations	Scan to PC / Mac, Scan to TWAIN application, Scan to email, Scan to desktop, Scan to Public / Private Folders			
Scan to PC Desktop®	Optional			Standard
Fax Fax features	33.6 kbps Super Group 3, 200 individual / 100 group Speed dials, fax to multiple addresses, Fax security			
Warranty	One-year on-site warranty***			

* Requires 2-sided printing;**Requires system firmware version 1.3.7.P (For Printer only), ***Products purchased under a "PagePack" agreement do not carry a warranty. Please refer to your service agreement for full details of your enhanced service package.

Section 4: Configurations, Specifications, Supplies and Options, Support and Additional Information Sources
Specifications, Supplies and Options

Specifications	
Device Management	Xerox® CentreWare® Printer Management for Microsoft® and UNIX®, CentreWare IS Embedded Web Server, CentreWare Web Administrator, Xerox NDPS Gateway, Usage Analysis Tool Configuration card, PrintingScout™, MaiLinX email alerts, PhaserSMART®
Media Handling	**Tray 1:** Weights: 60 to 220 gsm; Custom sizes from 76 x 127 mm to 216 x 356 mm **Trays 2–4:** 60 to 120 gsm; Selectable sizes from140 x 216 mm to 216 x 356 mm **DADF:** 60 to 120 gsm; Sizes from 114 x 140 mm to 216 x 356 mm
Operating Environment	Temperature: Nonoperating: -30˚ to 60˚ Celsius, Operating: 10˚ to 32˚ Celsius; Relative Humidity: Nonoperating: 10% to 95%, Operating: 10% to 80%; Sound Power Levels: Operating: 54 dBA, Standby: 33 dBA
Electrical	220 – 240 V, 50 Hz; Power Consumption: PowerSave: 56 W, Standby: 180 W, Printing: 220 W, Maximum: 1000 W (typical); ENERGY STAR® qualified (Phaser 8560MFP S configuration only)
Dimensions (Width x Depth x Height)	Phaser 8560MFP: 532 x 665 x 620 mm; weight: 43 kg Additional Paper Tray: 532 x 665 x 135 mm; weight: 7.3 kg System Cart: 500 x 670 x 360 mm; weight: 21.7 kg
Certification	Certified to UL 60950-1/CSA 60950-1-03, 1st Edition, FCC Part 15, Class A, Canada ICES-003 Class A, Low Voltage Directive 73/23/EEC, EN 60950-1, EMC Directive 89/336/EEC, EN 55022, Class A, EN 55024, RoHS Directive 2002/95/EC, GOST

Unrivaled service and support

Behind every Xerox product is a large network of customer support that's unrivaled in the industry and available when you need it. Xerox service professionals use leading-edge technologies to keep you up and running. They're even linked to the engineers who designed your product, so you can be confident when you choose Xerox. And Genuine Xerox® supplies are always readily available.

Xerox Office Services Support

Asset Management Services

• Asset Optimisation and Tracking — Process and tools to optimise an enterprise's office output infrastructure and reduce hard costs.

• Break-Fix Management — Single point of ownership and management for break-fix service for all brands of office output devices

• Supplies Management — Process and tools to procure, monitor and replenish all document related supplies proactively.

Imaging and Output Management Services

• Output Management — Single point of management of office output from all output devices — regardless of manufacturer

• Image Capture and Workflow — Cost-efficient solutions for capturing, managing, retrieving and distributing information into digital repositories.

Support Services

• Technology Procurement and Deployment — A creative and flexible end-to-end print/computer product acquisition solution using a single point of contact model, while lowering the total cost of acquisition.

• Help Desk Services — A broad range of enterprise services managed through a centralised single point of contact and delivered through an on-site or off-site model.

• End User Services — Microsoft software implementation, IT project consulting, and customer education.

Access Managed Services

• Student/Patron Access Services — Custom designed and implemented customer-managed solutions for student and library patron print access management.

Additional Information Sources

Phaser 8560MFP Front Panel:

The Front Panel offers tools and information pages to help with machine set-up, feature selections, solve operational problems, media feed and supply issues.

Customer Documentation contains:

• Read Me First

• Quick Reference Guide

• Training and Information CD

• System Administrators CD

• CentreWare Network Services

• Print Drivers

• Management Tools

On the Web

Visit **www.xerox.com/office** for:

• Product, supplies, and support information

• Downloading drivers

• Finding your local Xerox sales representative

• On-line documentation

Visit **www.xerox.com/office/support** for:

Support and service information including the same troubleshooting knowledge base used by Xerox Customer

Support staff to provide the latest technical information on:

• Application issues

• Errors

• Print-quality issues

• Troubleshooting

Questions? Comments? Problems?

If you have any questions, please contact your Xerox sales representative or local reseller, or visit us on the web at **www.xerox.com/office.**

For 8560MFP S configuration only

Multifunction Device CCD – 035

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