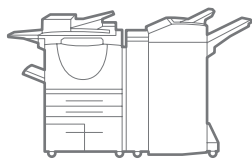


WorkCentre®  
5600 Series  
Tabloid-size  
Black-and-white  
Multifunction System



# Xerox WorkCentre® 5600 Series Multifunction System Evaluator Guide



# About this Guide

This Evaluator Guide introduces you to the WorkCentre 5600 Series black-and-white multifunction systems, explains their key features and performance advantages and provides guidance throughout your evaluation process.

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# Section 1: Introducing the Xerox WorkCentre 5600 Series Multifunction Device

## Product Overview

High-speed performance. Outstanding productivity. Advanced multifunction capabilities. These are the essentials of the all-in-one office powerhouse that easily handles your high-volume print demands. And with robust copying, scanning, faxing and a host of innovative Xerox technologies, you get a total workflow solution that excels at streamlining your unique job processes.

### Ultimate Performance

Engineered to exceed your highest expectations, Xerox WorkCentre multifunction systems maximize office productivity, delivering the power and advanced functionality needed to help your workgroup achieve exceptional results — smarter, faster and easier.

- One robust platform. Choose the speed that suits your workgroup — from 32 ppm up to 90 ppm — and get the same functions and usability features.
- Truly faster printing. The new WorkCentre controller's advanced design delivers the fastest effective network print speed in the industry. When printing the documents business professionals work on every day, Xerox WorkCentre devices print faster than the competitors' higher-speed-rated devices.
- Experience true multitasking. These multifunction systems have the power to perform five tasks at once: RIP, receive, program ahead, process the queue, and transmit. This advanced capability lets you copy, print, scan or fax even while other jobs are running.
- No printing bottlenecks. The Xerox exclusive Print Around feature holds a job needing resources (such as a different paper size) and prints the next job in the queue. Plus, users can manage the job queue at the device by promoting or deleting jobs accordingly.
- Smaller network-friendly files. JBIG 2 and MRC scan compression technologies optimize scan and fax performance, providing significantly faster transmission speeds and reducing network load and storage space on network and mail servers.
- Run at up to gigabit speeds. The new WorkCentre controller (WorkCentre 5632, 5638, 5645 and 5655 models) supports Gigabit Ethernet\* connections to move data as much as 100 times faster than typical device connection speeds (10Mbps). This extra speed means that jobs reach the WorkCentre faster.



### Exemplary Network Citizen

The WorkCentre 5600 Series devices incorporate technology innovations for seamless network integration.

- Latest in internet standards and protocols. WorkCentre 5600 Series devices support the Internet Engineering Task Force's new IPv6 standard, which opens up additional IP addressing opportunities across the Internet and inside enterprise firewalls. IPv6 provides additional network security, better network routing and configuration, and improved support for high volume printing and large print jobs.
- Web services increase manageability, reduce support costs. Plug it into your network, and your WorkCentre 5600 Series device is dynamically discovered and installed; simple point-and-click configuration lets you quickly fine-tune document settings for your needs. The device communicates detailed information on job status, configuration, consumables levels and device events. Support for Microsoft's Web Services for Devices (WSD) makes it easy to manage devices remotely using standard web services technologies.

*\*Does not apply to all models.*

## Powerful Cost Control

Xerox WorkCentre 5600 Series devices become active partners in keeping document expenses down, with tools to help you monitor, analyze and report device usage, while reducing workload on IT support personnel.

- Reduced support costs thanks to the controller's intuitive design. Efficient processing and easy-to-use interfaces mean less money spent on training, IT overhead and device maintenance.
- Tighten usage and billing. Use Xerox Standard Accounting software to set user access and usage limits, and to generate usage reports for greater cost control of printing, copying, scanning and faxing.
- Manage your print services more effectively. For even more control over output costs, your WorkCentre 5600 Series devices can be incorporated into a managed print services strategy. At your option, Xerox Office Services can help you optimize your output device fleet, improve device uptime and enhance output capabilities, freeing your IT staff to manage other business-critical needs.
- Scale to the right speed for each workgroup. A choice of speed capabilities lets you "rightsize" services based on the workload demands of each group.

## Maximum Manageability

Flexible, scalable tools and a high degree of control ensure that your WorkCentre device is easy to deploy and maintain on enterprise networks.

- Remote fleet configuration. Xerox CentreWare Internet Services allows for simplified device configuration and administration, and lets you easily clone configurations to other devices on the network.
- Remote software upgrades. Easily update your devices with the latest software and customize MFP functionality to meet your business needs.
- Improved device fleet management. With the latest implementations of SNMPv3, device-specific management information bases (MIBs) and other manageability standards, the WorkCentre 5600 Series offers better remote configuration and management, improved print driver deployment and advanced monitoring and troubleshooting. It also provides device reporting when used with Xerox Device Manager (XDM), Xerox CentreWare™ Web or any third-party network management tool.

## Iron-clad Security

WorkCentre 5600 Series devices ensure the confidentiality of critical information with the latest in security and authentication features.

- IPSec. IPv6 support includes enablement of the new IPSec standard, one of the strongest and most versatile security standards in existence today.
- 802.1x. A port-based access control more typically found on wireless networks, 802.1x is also an excellent authentication standard for wired networks that is rapidly becoming a requirement on the enterprise. Xerox WorkCentre devices provide native support for 802.1x, along with support for several types of Extensible Authentication Protocols (EAP) including MD5, PEAP and MS-CHAPv2.
- Secure Print prevents unauthorized viewers from seeing documents by holding jobs in the print queue until the user is authenticated.

- Image Overwrite security feature clears or “overwrites” all trace of any document image data remaining on the hard drive after a print, copy, scan or fax job.
- Hard disk encryption ensures that unauthorized users can’t access stored documents.
- An internal firewall provides an additional measure of security, providing IP filtering, domain filtering and port blocking.
- Full System Common Criteria (ISO 15480) Certification ensures that the entire device, not just individual components, conforms to the most stringent security standards and regulations.
- Device access password protection prevents administrative set-up screen and remote network settings from being altered without prior authentication.
- Network authentication restricts access to scan, email and network fax features by validating user names and passwords before use. Audit Log capabilities let you know who sent what, when.
- Secure Access Unified ID system uses card-based identification to authenticate authorized users when they insert an ID card.
- Follow-You Print lets you submit print jobs to a secure print queue and print them at the device of your choice, after ID authentication.
- Smart Card technology. WorkCentre 5600 Series devices support the Smart Card technology used by the U.S. Department of Defense for its Common Access Card (CAC)\* system, which protects against unauthorized access. Users can be authenticated using a two-factor identification system — including both card-based identification and a personal identification number entered at the device user interface — to gain access to the walkup features at the device and the network.

*\*Available with certain configurations in U.S. only.*

# Xerox WorkCentre 5600 Series Configurations and Accessories



## WorkCentre 5600 Series Copier Configuration

The WorkCentre 5600 Series delivers standard copying.

### Copy Performance

- Output Speed —
  - WorkCentre 5632: Up to 32 ppm black-and-white
  - WorkCentre 5638: Up to 38 ppm black-and-white
  - WorkCentre 5645: Up to 45 ppm black-and-white
  - WorkCentre 5655: Up to 55 ppm black-and-white
  - WorkCentre 5665: Up to 65 ppm black-and-white
  - WorkCentre 5675: Up to 75 ppm black-and-white
  - WorkCentre 5687: Up to 90 ppm black-and-white
- First-Copy-Out Time (FCOT) —
  - WorkCentre 5632/5638: As fast as 4.6 seconds
  - WorkCentre 5645/5655: As fast as 3.4 seconds
  - WorkCentre 5665/5675/5687: As fast as 2.7 seconds
- Copy Resolution — 600 x 600 x 8 dpi, 4800 x 600 dpi interpolated
  - Copy Feature Highlights — ID Card Copy, Copy/Print/Store/Reprint\*, Automatic two-sided output, Auto reduction and enlargement, Auto paper select, Auto tray switching, Transparencies, Booklet creation, Multi-up, Invert image, Covers, Annotation and Bates Stamping, Build job, Insert and tab copying, Sample set, Job storage\*

### Paper Handling

- Document Handling —
  - Platen Cover (available with 5632)
  - 75-sheet Duplex Automatic Document Handler (DADH), (standard on 5632, 5638)
  - 100-sheet DADH (standard on 5645, 5655, 5665, 5675, 5687)
- DADH Performance —
  - WorkCentre 5632/5638/5645/5655 — 60 ipm
  - WorkCentre 5665/5675/5687 — 85 ipm
- Paper Input — 1,100 sheets minimum, 8,700 sheets maximum
  - Standard Trays:
    - Bypass Tray — 100 sheets, custom sizes from 4.13 x 5.83 in. (A6) to 11 x 17 in. (A3), 16 to 57 lb. bond/80 lb. cover (60 to 216 gsm)
    - Trays 1 and 2 — 500 sheets each, custom sizes from 5.5 x 8.5 in. (A5) to 11 x 17 in. (A3), 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)

- Stand (optional on 5632, 5638, 5645)
- High-Capacity Tandem Tray (optional on 5632, 5638, 5645, 5655, standard on 5665, 5675, 5687):
  - Trays 3 and 4 — 1,600 and 2,000 sheets, 8.5 x 11 in. (A4), 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)
- High-Capacity Feeder (optional):
  - Tray 5 — 4,000 sheets, 8.5 in. x 11 in. (A4), 16 to 53 lb. bond/120 lb. index (60 to 216 gsm)
  - Optional 8.5 x 11 in./8.5 x 14 in. short-edge kit with 2,000-sheet capacity
  - Optional 11 x 17 in. (A3) short-edge kit with 2,000-sheet capacity
- Output Options —
  - Offset Catch Tray (standard on 5632/5638/5645/5655): 300-sheet offset stacking
  - Multiple finishing options

### Other Features

- Optional Fax —
  - Walk-up 33.6 Kbps fax with one-line and two-line options (256 MB)
- Security Features —
  - Analog fax isolation
- Accounting Features —
  - Internal Auditron (copy)
- Other Options —
  - Envelope Kit
  - 512 MB precollation memory
  - Foreign Device Interface
  - Xerox Copier Assistant
  - Upgrade Kit

### Reliability

- Duty Cycle —
  - WorkCentre 5632: 125,000 pages per month
  - WorkCentre 5638: 150,000 pages per month
  - WorkCentre 5645: 175,000 pages per month
  - WorkCentre 5655: 200,000 pages per month
  - WorkCentre 5665: 250,000 pages per month
  - WorkCentre 5675: 300,000 pages per month
  - WorkCentre 5687: 400,000 pages per month
- Warranty — Xerox Total Satisfaction Guarantee



## WorkCentre 5600 Series Copier-Printer Configuration

Builds on the WorkCentre 5600 Series copier configuration with the addition of:

### Print Performance:

- Output Speed —
  - WorkCentre 5632: Up to 32 ppm black-and-white
  - WorkCentre 5638: Up to 38 ppm black-and-white
  - WorkCentre 5645: Up to 45 ppm black-and-white
  - WorkCentre 5655: Up to 55 ppm black-and-white
  - WorkCentre 5665: Up to 65 ppm black-and-white
  - WorkCentre 5675: Up to 75 ppm black-and-white
  - WorkCentre 5687: Up to 90 ppm black-and-white
- First-Page-Out Time —
  - WorkCentre 5632/5638: As fast as 9.2 seconds
  - WorkCentre 5645/5655: As fast as 7 seconds
  - WorkCentre 5665/5675/5687: As fast as 5.5 seconds
- Print Driver Resolution —
  - PostScript® 3™ emulation — 600 x 600 dpi, 1200 x 1200 dpi
  - PCL® 6 and 5e emulation — 600 x 600 dpi, 4800 x 1200 (using high addressability)
- Print Feature Highlights — Copy/Print/Store/Reprint, Delay/Sample/Secure/Store print, Simultaneous RIP/receive/program-ahead, Queue-process and transmit, Bidirectional print drivers, Exception page programming, Tab printing, Embedded web server for remote control/monitor/setup, Job monitoring at device and desktop

### Other Features:

- Optional Fax —
  - Walk-up 33.6 Kbps fax with one-line and two-line options (256 MB) with JBIG compression and optional LAN fax
  - Internet fax, Network server fax
- Optional Scanning —
  - Destinations: Scan to email, Scan to mailbox, Scan to PC, Scan to Home, Network scanning
  - Applications: Scan to PC Desktop, Xerox SMARTsend
- Security Features —
  - Document: Secure fax, Secure print, Secure watermark
  - Device: Audit log, Restrict job detail display, Secure Access Unified ID System™, User authentication
  - Hard Drive: Encrypted hard drive, Image overwrite
  - Network: Fax and network isolation, Firewall, IEEE 802.1x protocol, IPSec, IPv6 support, Secure data protocols

\*Reprint and Job Storage not available on Copier Only model.





## WorkCentre 5600 Series Copier-Printer-Scanner Configuration

Builds on the WorkCentre 5600 Series copier-printer configuration with the addition of:

### Scan Features:

- Scan Speed with DADH —
  - WorkCentre 5632/5638/5645/5655 — 60 ipm black-and-white
  - WorkCentre 5665/5675/5687 — 85 ipm black-and-white, 28 ipm color (optional)
- Resolution — Up to 600 x 600 dpi
- File Formats — PDF, high-compression PDF, searchable PDF, PDF/A, JPEG, TIFF, multipage TIFF, and XPS, optional color scanning on WorkCentre 5665/5675/5687
- Destinations — Scan to email, Scan to mailbox, Scan to PC, Scan to Home, Network scanning
- Applications — Scan to PC Desktop, Xerox SMARTsend

### Fax Features:

- Internet fax, Network server fax
- Optional walk-up 33.6 Kbps fax with one-line and two-line options (256 MB) and optional LAN fax
- Compression —
  - Phone-line fax: MH, MR, MMR, G3, Super G3
  - Internet/Network server fax: PDF, multipage TIFF, image-only PDF with G3 MH/G4 MMR/JPEG compression, TIFF-FX with G3 MH/JPEG compression
- Features — Two-sided send and receive, print on fax up to 11 x 17 in. (A3)



## Finishing Options

Multiple finishers are available to help your team meet its demanding workload:

### Basic Office Finisher (available on 5632/5638/5645):

- 1,000-sheet stacking plus 250-sheet top tray
- 30-sheet single-position stapling

### Office Finisher (available on 5632/5638/5645/5655/5665/5675):

- 2,000-sheet stacking plus 250-sheet top tray
- 50-sheet multiposition stapling
- Optional hole-punching

### High Volume Finisher (available on 5655/5665/5675/5687):

- 3,000 sheets plus 250-sheet top tray
- 100-sheet multiposition stapling
- Optional hole-punching

### High Volume Finisher with Booklet Maker (available on 5645/5655/5665/5675/5687):

- 3,000 sheets plus 250-sheet top tray
- Adds up to 15 sheet booklet making with saddle-stitch

### Z-Fold/C-Fold unit option for the HVF with Booklet Maker:

- Adds letter-size C- and Z-folding

### Post Process Inserter option for the HVF and HVF with Booklet Maker:

- Adds preprinted inserts

### Convenience Stapler:

- 50-sheet stapling

- Accounting Features —
  - Standard: Internal Auditor (copy), Xerox Standard Accounting (copy, print, fax, scan)
  - Optional: Job-based accounting (third-party applications), Network accounting application

### Controller:

- Processor — 1.2 GHz\* (on WorkCentre 5632, 5638, 5645 and 5655), 1.4 GHz (on WorkCentre 5665, 5675 and 5687)
- Hard Drive — 80 GB shared
- Connectivity — Ethernet 10/100/1000Base-T\* (5632, 5638, 5645, 5655) (Ethernet 10/100Base-T on WorkCentre 5665, 5675, and 5687), IEEE802.5 (Token Ring) [via adapter], Wireless Ethernet (IEEE802.11a/b/g) [via third party adapter], USB print
- PDL Support — PCL® 6, PCL® 5e emulation, PostScript® 3™ emulation, LCDS, SCS, XES and IPDS via third party transforms, and direct print TIFF, PDF, A/400 support via WorkStation Customization Objects
- 1 GB memory

\* Does not apply to all models.

## Section 2: Evaluating Workgroup Multifunction Printers

### Overview

Based on continuous study of our customers' productivity requirements, Xerox recommends that the following criteria be used when evaluating which department-class copier/printer to purchase for your office.

#### Productivity

Can the device keep up with the demands of your daily and monthly workloads?

#### IT Compatibility

Is the device compatible with new and ever-changing IT standards?

#### Installation and Deployment

How does the device ease the demands of the deployment process?

#### Ease of Use and Management

Does the device include tools and features to lighten the load for your IT staff?

#### Reliability

Is the device robust enough to meet your needs and backed by quality service?

#### Versatility

Can the device be customized to meet your specific needs?

#### Security

Does the device help keep your confidential information private?

#### Cost Control

Can you monitor and control your organization's cost of printing?

This section examines each of the above evaluation criteria in greater detail, covering the specific features and performance attributes you should look for in a black-and-white workgroup MFP. When the same criteria are used to evaluate every device under consideration, you'll see how the WorkCentre 5600 Series multifunction device excels against other manufacturers' products.





# Evaluate Productivity

In addition to actual print engine speed, consider the factors that affect overall throughput. Are the device's scanning and faxing features powerful enough to support the demands of your busiest departments? Is the device appropriately sized for the entire work-group? Can important features be used simultaneously, or are employees forced to wait for the device to become "free"? Is the system designed to minimize network traffic? Can device functions be monitored from users' desktops and/or at the device?

## How the WorkCentre 5600 Series exceeds the productivity requirement:

### Speed

The productivity of the WorkCentre 5600 Series starts with seven output-engine-speed options, which deliver output speeds from up to 32 ppm black-and-white to up to 90 ppm black-and-white — ensuring the right fit for a wide array of office environments and work-groups. Document handling speed is notable as well, with a 100-sheet DADH (75-sheet DADH on WorkCentre 5632 and 5638) that scans single-sided documents at 60 or 85 ipm and double-sided documents at 28 or 38 ipm. With FPOTs ranging from as fast as 4.6 seconds to 2.7 seconds, users won't have to wait long for their jobs to get started, either.

### Network Performance

Performance isn't limited to raw document feeds and speeds. All network-enabled WorkCentre 5600 Series devices feature a new high-performance processor (1.2 GHz on WorkCentre 5632, 5638, 5645 and 5655; 1.4 GHz on WorkCentre 5665, 5675 and 5687) plus an 80 GB hard drive. It's ready and able to process your large, complex print and scan jobs. In addition, 10/100/1000Base-TX Ethernet connectivity\* comes standard on WorkCentre 5632, 5638, 5645 and 5655 (10/100Base TX Ethernet on WorkCentre 5665, 5676 and 5687) for shared network printing, and optional adapters for IEEE802.5 (Token Ring) and 10Base5, 802.11a/b/g wireless Ethernet ensure you can connect WorkCentre 5600 Series devices according to your company's specific needs.

The WorkCentre 5600 Series devices are easy on your network as well. With RAM collation, files are sent over the network just once no matter how many sets are printed. Job pipelining allows the MFP to process print jobs even if the print engine is busy with an earlier print job — thus optimizing system performance by avoiding delays during job processing.

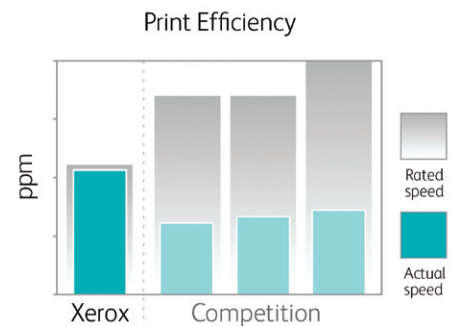
### Image quality

With up to 4800 x 600 dpi interpolated copy resolution and up to 1200 x 1200 dpi print resolution, the WorkCentre 5600 Series devices generate high-quality copies and prints with crisp text and images. To ensure that printed output meets users' high expectations, Xerox also delivers multiple Page Description Languages (PDLs) including PostScript® 3™ emulation, XPS, PCL® 6 and PCL® 5e emulation, and HP-GL2.

### Concurrency

The new WorkCentre controller's advanced design also helps avoid bottlenecks at the front panel. Concurrent operation means you won't have to wait until a long print job is complete to program a fax, scan or copy job. By keeping the front panel available for programming while the print engine is busy, users stay productive and avoid idle time waiting for the MFP. Scan and fax jobs can be programmed and executed without waiting for the print engine to become available, while newly programmed copy jobs will join the job queue and be executed when earlier jobs are completed.

*\*Does not apply to all models.*



**In real-world network printing, WorkCentre 5600 Series devices outperform the competition.**

## Monitoring System Status

With the WorkCentre 5600 Series devices, up-to-date information on every job — print, copy, scan, email or fax, plus in-depth device information — is always at a user's fingertips. Whether at the device or from the desktop, users can manage documents and jobs through an integrated job queue with a few mouse-clicks or button pushes.

# Evaluate IT Compatibility

One of the most important considerations when evaluating a new copier/printer/MFP is its ability to meet current and future network and security standards. Is the device compatible with the latest technologies? Can it be easily upgraded to stay up to speed with new technological developments?

## How the WorkCentre 5600 Series exceeds the IT compatibility requirement:

Cutting-edge Internet and security standards meet today's most demanding office requirements. Redesigned to enhance your IT investment, the WorkCentre 5600 Series devices offer the latest innovations that are critical to efficient, forward-thinking IT operations:

- IPv6 support — The advanced controller in WorkCentre 5600 Series devices supports the IPv6 protocol for printing, scanning and device management
- Web Services on Devices (WSD) — Xerox 5600 Web Services technology provides a common framework for describing and sharing information over the Internet, delivering an improved customer experience around connecting, installing, and using Windows-based devices.
- Smart Card authentication — WorkCentre 5600 Series devices support Smart Card technology, which protects against unauthorized access. Users can be authenticated using a two-factor identification system — including both card-based identification and a personal identification number entered at the device user interface — to gain access to the walkup features at the device and the network.
- 1 GB Ethernet — The new network controller in the WorkCentre 5632, 5638, 5645 and 5655 delivers Ethernet connection speeds of up to 1 Gigabit\*, which triples the speed of standard 10/100/1000 Base T Ethernet connections. This increased performance eliminates network bottlenecks and drastically improves the speed at which jobs reach your WorkCentre 5600 Series device.
- Xerox Global Print Driver and Xerox Mobile Express Driver — WorkCentre 5600 Series support these two innovative new print drivers that can greatly simplify installing, managing and supporting printers and MFPs on the network, and increase end-user productivity.
- Improved remote management — Xerox Device Manager, Centre Ware Web and CentreWare Internet Services deliver streamlined device fleet management from a centralized location, including configuration management, device-status notifications, enhanced standardized management-information-base profiles, and comprehensive audit logs.



Available Smart Card technology lets administrators restrict access to sensitive documents and walk up features.

*\*Does not apply to all models.*

# Evaluate Installation and Deployment

Installing and deploying a fleet of copier/printers and multifunction devices throughout your organization is a potentially time-consuming, complicated process. The process isn't limited to physically placing the units in their new environments, but also includes integrating the devices with the existing network infrastructure. Also consider the process required to deploy printing and scanning services to your users, and how automated that process can be.

## How the WorkCentre 5600 Series exceeds the installation and deployment requirements:

### Installation

When you choose Xerox, you can rest assured that your equipment will be delivered and installed to your specifications and expectations. Network-enabled configurations include 10/100Base-TX Ethernet connection (WorkCentre 5665, 5675 and 5687 models) or 10/100/1000Base-TX Ethernet connection (WorkCentre 5632, 5638, 5645 and 5655 models), with features including automatic IP addressing, device naming, and Ethernet speed sensing to provide simple and automatic network installation. Management and system setup can be accomplished through a variety of means, including easy wizard-based processes found within Xerox CentreWare Web. Features such as cloning enable multiple-device installation onto networks with identical settings, eliminating the need to set up each system individually.

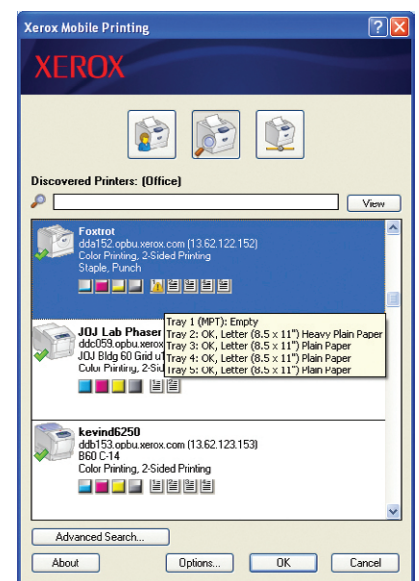
### Deployment

With the 5600 Series devices, print and scan drivers can be deployed centrally, thereby eliminating the need for IT staff to perform desk-to-desk manual installation of the driver software. CentreWare Web wizards are provided to aid in the processes of installing, troubleshooting and upgrading print and scan drivers for employees, freeing up IT personnel for more pressing projects. Driver support is delivered for Windows (Server 2003 / XP / Vista), including most operating systems with 32- and 64-bit drivers; Macintosh OS 10.3 and above; and multiple UNIX and Linux platforms.

Plus The WorkCentre 5600 Series support two innovative new print drivers that can greatly simplify installing, managing and supporting printers and multifunction devices on the network, and increase end-user productivity:

- Xerox Mobile Express Driver (X-MED) makes it easy for mobile users to find, use and manage Xerox and non-Xerox devices in every new location. Plug into a new network, and X-MED automatically discovers available printers and provides status and capability information. Save a list of “favorite” printers for each location, store application print settings for use on any printer in any network, and greatly reduce mobile support calls to IT.
- Xerox Global Print Driver (X-GPD) is a truly universal print driver that lets IT administrators install, upgrade and manage Xerox and non-Xerox devices from a single driver. It provides a consistent, easy-to-use interface for end-users, reducing the number of support calls, and simplifying print services management.

In addition, these drivers provide users with a consistent single interface for all printers, with real-time, dynamic reports of printer status. As a result, users can easily identify the best printer for their needs, quickly choose the correct options and see updated consumables status without the assistance of IT. To learn more, and download X-GPD and X-MED free, visit [xerox.com/global](http://xerox.com/global) and [xerox.com/mobile](http://xerox.com/mobile).



**The innovative Mobile Express Driver makes mobile printing easy — on both Xerox and non-Xerox devices.**

# Evaluate Ease of Use and Management

Look for fully integrated functions that work together 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 users full access to the power of your network? Does the device include additional software to take full advantage of digital documents? Is the device easy for your IT organization to manage as part of its infrastructure?

## How the WorkCentre 5600 Series exceeds the ease of use requirement:

### Front Panel User Interface

It doesn't matter if a job is simple or complex — the front panel user interface (UI) on WorkCentre 5600 Series devices is easy to learn and offers quick job programming. It features touch-screen functionality and intuitive organization, with the most commonly accessed features on the default screen and tab-based access to advanced programming features. A selection of buttons accompanies the touch-panel UI for manual command and numbers inputs, management features access, and job execution (with the familiar green Start button). Third-party applications can be integrated with the front panel UI as well. Regardless of whether you've used a Xerox copier/printer or multifunction printer in the past, you will find WorkCentre 5600 Series devices a pleasure to use.



WorkCentre 5600 Series devices feature easy, touch-screen convenience.

### Bidirectional Print Drivers

The WorkCentre 5600 Series utilizes CentreWare print drivers to provide an easy, intuitive method of programming jobs and receiving updated system status information. Like the front-panel touch-screen UI, the print drivers are intuitively organized by tabs. The most commonly used features are located on the default tab, with advanced features easily accessible when programming more complex jobs. The print drivers also provide bidirectional information like system status, job status, currently loaded paper sizes, installed options and more.

## How the WorkCentre 5600 Series exceeds the ease of management requirement:

### Network Management

It couldn't be easier for a network administrator: WorkCentre 5600 Series devices integrate into virtually any network environment. Network configuration is made simple with CentreWare Web configuration wizards, which eliminate the need for IT staff to perform tasks at the front panel of each networked device. WorkCentre 5600 Series devices include support for multiple native network environments, including TCP/IP, IPv6, SNMP, SMB, Novel IPX, AppleTalk and IPP.

### Xerox CentreWare Software

Xerox CentreWare Web (CWW) software is a powerful device management solution for IT departments. CWW is free software that eases the chore of installing, configuration, managing, monitoring and pulling reports from the networked printers and multifunction

printers throughout your enterprise — regardless of vendor. Xerox also addresses enterprise asset management through compatibility with network management tools for Sun, Novell, Microsoft and other environments.

WorkCentre 5600 Series devices also include CentreWare Internet Services (CWIS), an embedded web server that allows employees and IT personnel to perform detailed status checks on the system and consumables, administer system settings, and manage access and accounting controls via any standard web browser.

### Automated Supplies Replenishment

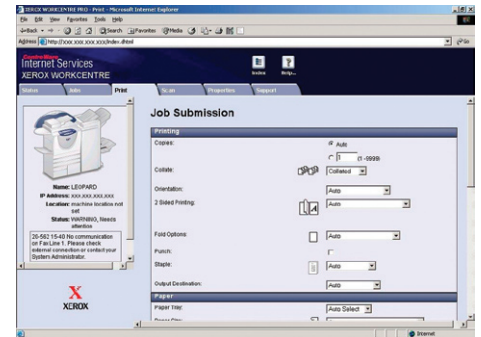
Xerox offers Smart eSolutions\*, an application for automating and simplifying device management and ownership. The two Smart eSolutions applications, MeterAssistant<sup>SM</sup> and SuppliesAssistant<sup>SM</sup>, automate the process of reporting MFP usage data to Xerox and automatically ordering replacement supplies when toner levels run low.

- MeterAssistant — automatically collects and securely submits your device meter reads to Xerox using a built-in audit process to increase billing accuracy
- SuppliesAssistant — proactively manages toner supplies and monitors usage to ensure you have the right supplies at the right time

### Xerox Office Services

Lastly, Xerox offers a set of services for managing document output and asset infrastructure in offices. 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 3 of this guide.

*\*Smart eSolutions is available in the U.S. only.*



CentreWare IS helps administrators quickly install, configure, troubleshoot and analyze usage of WorkCentre 5600 Series devices using any standard web browser.



WorkCentre 5600 Series devices feature easy front-panel access to user-replaceable consumables.



# Evaluate Reliability

Office productivity relies on tools that do their jobs day in and day out. Consider how often you need to intervene to replace paper or other consumables or to clear jams. How easy is that intervention, and how long is the device typically down? If outside assistance is required, how easy is it to schedule and how long do you have to wait? Is the device a reliable network citizen? Has it been tested and certified by independent industry participants?

## How the WorkCentre 5600 Series exceeds the reliability requirement:

### Day-to-day Reliability

Reliability comes in two forms: system reliability and image reliability. WorkCentre 5600 Series devices have been designed to provide maximum system reliability and uptime: Simple paper paths and minimal moving parts help optimize day-to-day reliability and contribute to monthly duty cycles\* of:

- WorkCentre 5632 — 125,000
- WorkCentre 5638 — 150,000
- WorkCentre 5645 — 175,000
- WorkCentre 5655 — 200,000
- WorkCentre 5665 — 250,000
- WorkCentre 5675 — 300,000
- WorkCentre 5687 — 400,000

*\*Duty cycle is a measure of the maximum number of copies/prints that can be run during peak periods.*

Any paper jams or misfeeds that do occur can be easily cleared through access doors on the front of the machine, enabling your employees to proactively resolve most issues and limit help-desk calls. With a possible maximum paper capacity of up to 8,700 sheets, WorkCentre 5600 Series devices can also drastically reduce paper reloading downtime. Xerox SMart Kit™ technology also helps minimize downtime by predicting when critical parts will fail and alerting you to order replacement units. SMart Kit replaceable units are as simple to replace as toner cartridges. Further, if a WorkCentre 5600 Series device does experience an interruption in service, CentreWare alerts can be configured to automatically inform IT staff.

### Service / Support

Building on the reliability engineered into the WorkCentre 5600 Series devices, Xerox has trained and developed a sophisticated service-delivery network capable of maintaining your equipment, addressing issues users may encounter, and training IT staff and employees on how to get the most out of the equipment.

# Evaluate Versatility

How many functions can the device perform? Can it support the media types and capacity users require? Does the copier/printer offer the kinds of finishing options that can help your staff perform their jobs more efficiently?

## How the WorkCentre 5600 Series exceeds the versatility requirement:

### Copy Features

WorkCentre 5600 Series devices comprise reliable, workgroup-class digital MFPs capable of supporting the daily copying volumes of busy workgroups. These MFPs feature a powerful combination of output speed, original handling and advanced copy features.

WorkCentre 5600 Series copy-performance speeds vary by model:

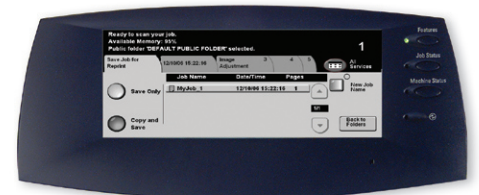
- WorkCentre 5632/5638 — up to 32/38 ppm, as fast as 4.6 sec. FCOT
- WorkCentre 5645/5655 — up to 45/55 ppm, as fast as 3.4 sec. FCOT
- WorkCentre 5665/5675/5687 — up to 65/75/90 ppm, as fast as 2.7 sec. FCOT

The WorkCentre 5600 series DADF makes quick work of your print jobs by combining fast processing speeds and large capacities:

- WorkCentre 5632/5638 — 60 ipm, 75-sheet capacity
- WorkCentre 5645/5655 — 60 ipm, 100-sheet capacity
- WorkCentre 5665/5675/5687 — 85 ipm, 100-sheet capacity

A rich set of copy features enables users to create ready-to-distribute hard copies. Copy feature highlights include:

- ID Card Copy — scans both sides of an ID card and prints it face-up on a single sheet of paper
- Automatic booklet creation — create booklets by, for example, printing four letter-size pages onto tabloid-size media for folding as a four-page booklet
- Automatic tray selection — selects correct tray for specified media without requiring user intervention
- Automatic two-sided copies — create two-sided copies of single- or double-sided originals
- Bates Stamping — a key feature for legal and health-care environments, adds sequential page numbering, date and time marks, copyright information, and other information to copy output
- Copy/Print/Store/Reprint — scan, store and reprint commonly copied documents via convenient front panel access
- Electronic precollation — collates multiple-set copies in memory to maximize output speed
- Multi-up — prints multiple original pages onto a single copied page
- Sample set — prints the first copy set for verification before releasing the remaining sets
- Store and recall job programming — store settings for complex, commonly executed copy jobs



**Use the Copy/Print/Store/Reprint feature for quick printing of frequently used documents stored on the device's internal 80 GB hard drive.**

## Print Features

As with copying, the WorkCentre 5600 Series devices deliver a range of output speeds to fit your organization's specific needs. Black-and-white print speeds vary by model, ranging from up to 32 ppm to up to 90 ppm.

Building on the impressive printing performance is a versatile array of print features, highlighted by:

- Booklet creation — formats and organizes electronic documents for printing as hard-copy booklets
- Copy/Print/Store/Reprint — store and reprint commonly printed documents
- Cover selection — choose specialty media for cover pages
- Poster printing — enlarges an image by printing it onto multiple pages
- Secure/delay print — print jobs are held in memory until a PIN code is entered at the front panel, ensuring prints are not left unattended at the MFP
- Transparency interleave — inserts blank or printed plain paper between printed transparencies
- Watermarks — Adds labels such as “Draft,” “Confidential,” or customized messages to printed documents

## Scan Features

WorkCentre 5600 Series devices offer powerful network scanning capabilities, providing a digital on-ramp for your hard-copy documents and enabling them to be distributed, edited, archived, and utilized by your enterprise applications.

The WorkCentre 5600 Series DADF encompasses a range of scan performance levels and capacities:

- WorkCentre 5632/5638 — 60 ipm black-and-white, 75-sheet capacity
- WorkCentre 5645/5655 — 60 ipm black-and-white, 100-sheet capacity
- WorkCentre 5665/5675/5687 — 85 ipm black-and-white, 28 ipm color (optional), 100-sheet capacity

The WorkCentre 5600 series supports a variety of scan destinations, including:

- Scan to Email — send scanned images to email recipients, with authentication and LDAP for network security and integration
- Scan to Mailbox — stores scanned images on hard drive for retrieval at desktop
- Scan to PC — scans documents directly to a PC by selecting a PC from the local address book or by browsing the network on the front panel UI
- Scan to Home — sends scanned images to a preassigned “home” destination such as an e-mail address, FTP location or folder
- Network Scanning — templates enable transportation of scanned images to multiple predefined locations



**The Scan to Mailbox feature lets users scan documents to the device's internal hard drive for easy desktop retrieval.**

Additional Xerox scan software is available to expand the capabilities of your WorkCentre 5600 series MFP:

- Xerox Scan to PC Desktop® — bundles Nuance® PaperPort® software for scanning, organizing and sharing images with Nuance OmniPage® software, which converts hard-copy documents into searchable and editable electronic files
- Xerox SMARTsend® — eases the process of editing metadata, choosing file formats, and distributing scanned files to multiple destinations, including remote printers, email, network folders, mailboxes, fax destinations, and more

In addition to a flexible set of destinations and additional software, the WorkCentre 5600 series includes a set of scan features highlighted by:

- File formats — support for PDF and searchable PDF, JPEG, TIFF, multipage TIFF, and XPS
- Scan resolution — up to 600 x 600 dpi

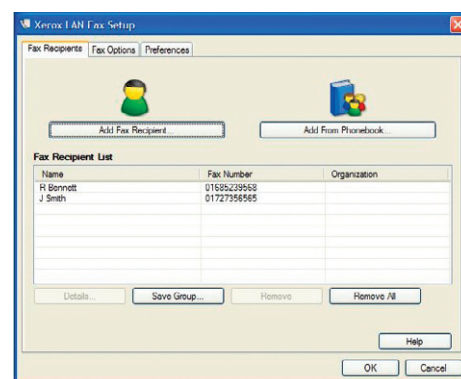
## Fax Features

The WorkCentre 5600 Series devices also offer optional fax capabilities that help further consolidate office functions. This full-featured fax solution combined with the concurrency of the WorkCentre 5600 Series devices means an end to supporting a dedicated fax machine. Fax features include:

- Walk-up fax — traditional 33.6 Kbps phone-line faxing via front panel with one- and two-line options
- Network server fax enablement — allows faxes to be sent and received digitally over the network with support for SMTP and POP3
- Internet fax enablement — transmits faxes digitally via the internet with support for SMTP and POP3
- LAN fax — transmits faxes digitally from desktop computers via print driver
- Fax Forward to Email — transmits incoming faxes to an email address
- Large format support — print received faxes on 11 x 17 in. paper
- Two-sided fax — send and receive two-sided documents
- Secure fax — holds received faxes until PIN code is entered
- Format support —
  - Phone-line fax — G3, Super G3
  - Internet/Network server fax — PDF, multipage TIFF, image-only PDF with G3 MH/G4 MMR/JPEG compression, TIFF-FX with G3 MH/JPEG compression

## Media Support and Capacity

WorkCentre 5600 Series devices offer scalable paper capacity to handle the needs of offices of all sizes. Standard paper capacity starts at 1,100 sheets, with an optional maximum capacity of 8,700 sheets.



LAN fax lets users send paperless faxes directly from their computers.

Paper capacity and media support offered by the WorkCentre 5600 Series devices include:

- Standard Trays —
  - Bypass Tray — 100 sheets, custom sizes from 4.13 x 5.83 in. (A6) to 11 x 17 in. (A3), 16 to 57 lb. bond/80 lb. cover (60 to 216 gsm)
  - Trays 1 and 2 — 500 sheets each, custom sizes from 5.5 x 8.5 in. (A5) to 11 x 17 in. (A3), 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)
- High-Capacity Tandem Tray (optional on 5632, 5638, 5645, standard on 5655, 5665, 5675, 5687) —
  - Trays 3 and 4 — 1,600 and 2,000 sheets, 8.5 x 11 in. (A4), 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)
- High-Capacity Feeder (optional on 5632, 5638, 5645, 5655, 5665, 5675, standard on 5687) —
  - Tray 5 — 4,000 sheets, 8.5 in. x 11 in. (A4), 16 to 53 lb. bond/120 lb. index (60 to 216 gsm)
  - Optional 8.5 x 11 in./8.5 x 14 in. short-edge kit with 2,000-sheet capacity
  - Optional 11 x 17 in. (A3) short-edge kit with 2,000-sheet capacity

## Finishing Features

WorkCentre 5600 Series devices allow multiple choices to ensure you get the right set of finishing features for the documents users produce on a regular basis. When purchasing a WorkCentre 5600 Series device, you can choose from:

### Finishing Options



**Offset Catch Tray**  
(available on 5632/5638/5645/5655):

- 300-sheets stacker

**Basic Office Finisher**  
(available on 5632/5638/5645):

- 1,000-sheet stacking plus 250-sheet top tray
- 30-sheet single-position stapling

**Office Finisher**  
(available on 5632/5638/5645/5655/5665/5675):

- 2,000-sheet stacking plus 250-sheet top tray
- 50-sheet multiposition stapling
- Optional hole-punching

**High Volume Finisher (HVF)**  
(available on 5655/5665/5675/5687):

- 3,000 sheets plus 250-sheet top tray
- 100-sheet multiposition stapling
- Optional hole-punching

**HVF with Booklet Maker**  
(available on 5645/5655/5665/5675/5687):

- 3,000 sheets plus 250-sheet top tray
- Adds up to 15 sheet booklet making with saddle-stitch

**Z-Fold/C-Fold unit option for HVF with Booklet Maker:**

- Adds letter-size C- and Z-folding

**Post Process Inserter option for HVF and HVF with Booklet Maker:**

- Adds preprinted inserts

**Convenience Stapler:**  
• 50-sheet stapling

## Xerox Extensible Interface Platform™ (EIP)

Xerox EIP is a software platform inside the WorkCentre 5600 Series devices that enables personalized solutions users can access right from the device touch screen. These applications can leverage existing databases and meet your specific business challenges.

### Users benefit from simplified and personalized workflows:

- Simplified user experience. A user can swipe his or her company ID badge at the device, and an EIP solution can present user-specific print jobs, workflows and settings on the touch screen.
- New employees become productive immediately. For example: Instead of needing to learn a complex order fulfillment sequence, they simply scan in a paper order, press a button on the touch screen, and the EIP application correctly routes the order.

### Get more out of your hardware and infrastructure investment:

- EIP applications can leverage existing databases and systems. This two-way communication allows users to query your company's databases and choose the appropriate customer or project folder when storing a scanned document.
- Reduce abandoned print jobs and increase productivity. Send documents to a virtual queue and an EIP application can let users log onto any available device on the network to print a job.

### IT professionals enjoy ease of integration:

- Managing applications across a fleet of devices is easy. Administrators can make updates at the server level and those changes become live on all EIP-devices on the network, regardless of location or product model, eliminating the need to load software on each individual device.
- Use active directory to provide various departments and groups access to certain features and personalized scanning workflows.

### In-house developers can tailor applications to address unique needs:

- Build user-friendly touch screen interfaces that work the way your business works.
- EIP is based on web standards such as HTML, CSS, XML and JavaScript, speeding programming and making new application development fast and easy.



**Xerox EIP enables personalized workflow solutions that address your specific business challenges.**



# Evaluate Security Capabilities

What types of security requirements are critical to your office? Does the device have the security features to meet these demands? Can device access be password protected? Does the system remove latent images on its hard drive? Does the system have features in place to protect confidential documents?

## How the WorkCentre 5600 Series exceeds the security requirement:

### Integrated Security

In today's business environment, security is a critical competency. The technology you deploy into your organization must have a complete set of capabilities to help keep your confidential information safe. The WorkCentre 5600 series delivers security features that protect your confidential information at all points of document vulnerability:

#### Document —

- Secure fax — protect faxed documents by requiring a PIN access code before the received fax is printed
- Secure print — holds print jobs at the MFP before they are printed

#### Device —

- Audit log — tracks printing, scanning and network fax activities by user, time and date
- Restrict job detail display — hides job names when non-authenticated users view job queue
- Secure Access Unified ID System™ — magnetic card-based access eases authentication and access to device features
- User Authentication — restricts access to device features and management settings by validating user names and passwords, with SMB, LDAP, LDAP+SSL, and Kerberos integration

#### Hard Drive —

- Encrypted disk drive — applies 128-bit encryption to data stored on the MFP hard drive
- Image overwrite — electronically “shreds” data stored on the MFP hard drive using an algorithm specified by U.S. Department of Defense Directive 5200.28-M

#### Network —

- Fax and network isolation — controller architecture separates the network connection and the fax telephone line to avoid incoming fax-based network attacks
- Firewall — restricts access via IP address filtering, domain filtering and port blocking
- IEEE 802.1x protocol — ensures devices connected to the network are properly authenticated
- IPSec — encrypts print jobs sent to the MFP utilizing IPSec
- IPv6 support — built-in support for networks utilizing the IPv6 standard
- Secure data protocols — secures network communications with industry standards including HTTPS (SSL), SNMP v3.0, and IPSec
- IP Filtering — restricts access to the device by IP address or a range of IP addresses.
- Port Blocking — protects the device from unauthorized network access.

### Third-party Certification

Xerox has a proven track record of participation and compliance with emerging government security standards and third-party testing and certification. The prime example of the Xerox commitment is our participation in the Common Criteria Certification process: Xerox submits its products, along with highly structured statements of the product's information security capabilities, for validation by an independent, government-sponsored laboratory. Certification is a costly, rigorous, time-consuming process. The WorkCentre 5600 series has achieved Full System Common Criteria (ISO 15480) Certification. Xerox currently has more MFP products certified than any vendor in the industry.

For more information on Xerox security, visit [www.xerox.com/security](http://www.xerox.com/security).

# Evaluate Cost Control

One of the most important things to consider when evaluating an MFP is its cost of operation. Does the vendor provide the tools you need to control access and use of the system's color features? Are the accounting tools available to help track and assign printing costs? Does the vendor offer tools and services to help you right-size your deployment?

## How the WorkCentre 5600 Series exceeds the cost control requirement:

### Accounting Capabilities

Xerox provides multiple levels of accounting capabilities to give your organization the control it needs for tracking and assigning costs. These tools include:

- Auditron — controls and tracks and enables quota setting for output for copy activity by user or workgroup for analysis and billing purposes
- Xerox Standard Accounting (XSA) — builds on Auditron by adding web-based remote management for copy, print, scan and fax activity
- Network Accounting — job-based accounting enables Xerox MFPs to integrate with third-party accounting and billing solutions from Xerox Business Partners
- Foreign device interface — enables you to add external third-party access and accounting devices to your Xerox MFP, such as magnetic card readers or coin-operation devices

### Assessment Options

Xerox can help you decrease your overall document costs by optimizing 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:

- LEVEL 1: Xerox Office Efficiency Calculator — A five-minute, web-based “instant analysis” offers suggestions on your technology needs by comparing information you enter on your environment against key industry metrics.
- LEVEL 2: 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 — they deliver end user satisfaction and cost efficiency. XOPA is a free service performed by your local Xerox sales representative.
- LEVEL 3: Xerox Office Document Assessment (ODA) — An analytical model that measures and analyzes 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 consultative service oriented more at enterprise-level organizations.

# Section 3: Configuration Summary, Specifications, Supplies, Support and Additional Information Sources

## Configuration Summary

The following sections provide details about the various WorkCentre 5600 series configurations, available options and supplies, and more helpful information.



|                     | Copier  |  | Copier/Printer   |  | Copier/Printer/Scanner   |  |
|---------------------|---|--|--|--|--|--|
|                     | 5632 / 5638 / 5645 / 5655 / 5665 / 5675 / 5687  |  | 5632 / 5638 / 5645 / 5655 / 5665 / 5675 / 5687   |  | 5632 / 5638 / 5645 / 5655 / 5665 / 5675 / 5687   |  |
| Speed               | Up to 32 / 38 / 45 / 55 / 65 / 75 / 90 ppm  |  | Up to 32 / 38 / 45 / 55 / 65 / 75 / 90 ppm   |  | Up to 32 / 38 / 45 / 55 / 65 / 75 / 90 ppm   |  |
| Device Memory       | 512 MB  |  | 1 GB   |  | 1 GB   |  |
| 5632/5638/5645/5655 | 512 MB  |  | 1 GB   |  | 1 GB   |  |
| 5665/5675/5687      | 512 MB  |  | 1 GB   |  | 1 GB   |  |
| Paper Handling      | Platen (available with 5632); Duplex Automatic Document Handler (DADH): 5632 / 5638: 75 sheets, 5645 / 5655 / 5665 / 5675 / 5687: 100 sheets  |  |  |  |  |  |
| Paper input         | Standard  | Bypass Tray: 100 sheets; Custom sizes: 4.25 x 5.5 in. to 11 x 17 in. / A6 to A3; 16–53 lb. bond / 60–216 gsm |  |  |  |  |
|                     | Optional  | Trays 1–2: 500 sheets each; Sizes: 5.5 x 8.5 in. to 11 x 17 in. / A5 to A3; 16–53 lb. bond / 60–200 gsm      |  |  |  |  |
| Finishing options   | Stand (available with 5632 / 5638 / 5645); High Capacity Tandem Tray (standard on 5655 / 5665 / 5675 / 5687): 3,600-sheet total (1,600 and 2,000 sheets); Size: 8.5 x 11 in. / A4; High Capacity Feeder (HCF): 4,000 sheets; Size: 8.5 x 11 in. / A4 long edge feed (standard on 5687); HCF Kits (HCF required): 2,000-sheet 11 x 17 in. / A3 Short Edge Kit or 2,000-sheet 8.5 x 11 in. / A4 Short Edge Kit; Other Kits: Envelope Kit  |  |  |  |  |  |
|                     | Offset Catch Tray (available with 5632 / 5638 / 5645 / 5655): 300 sheets; Basic Office Finisher (available with 5632 / 5638 / 5645): 1,000 + 250-sheet trays, 30-sheet, single-position stapling; Office Finisher (available with 5632 / 5638 / 5645 / 5655 / 5665 / 5675): 2,000 + 250-sheet trays, 50-sheet multiposition stapling, optional hole punch; High Volume Finisher (HVF) (available with 5655 / 5665 / 5675 / 5687): 3,000 + 250-sheet trays, 100-sheet multi-position stapling, optional hole punch; High Volume Finisher w/Booklet Maker (available with 5645 / 5655 / 5665 / 5675 / 5687): adds saddle-stitch booklet making; Z Fold / C Fold Unit with HVF w/Booklet Maker: adds A4-size Z- and C-folding; Post Process Inserter with HVF and HVF w/Booklet Maker: adds preprinted inserts; Convenience Stapler: 50-sheet stapling |  |  |  |  |  |
| Copy                | First-page-out-time   |  |  |  |  |  |
|                     | 5632 / 5638: As fast as 4.6 seconds, 5645 / 5655: As fast as 3.4 seconds, 5665 / 5675 / 5687: As fast as 2.7 seconds  |  |  |  |  |  |
| Resolution (max)    | 5632 / 5638 / 5645 / 5655: 600 x 600 x 8 dpi input / 4800 x 600 dpi output, 5665 / 5675 / 5687: 4800 x 1200 dpi interpolated output   |  |  |  |  |  |
| Copy features       | Automatic 2-sided, Collation, Auto reduction/enlargement, Auto paper select, Auto tray switching, Image quality enhancement, Transparencies, Booklet creation, Multi-up, Invert image, Covers, ID Card Copy, Annotation and Bates Stamping, Build Job, Inserts and tab copying, Sample set, Job storage* and reprint*   |  |  |  |  |  |
| Print               |   |  | 1.2 GHz Freescale 8545 on certain models; 1.4 GHz AMD Athlon dedicated on certain models / 80 GB Hard Drive shared   |  |  |  |
| Processor           | NA  |  |  |  |  |  |
| Connectivity        | NA  |  | Ethernet 10/100 Base T on certain models, Ethernet 10/100/1000 Base T on certain models, IEEE802.5 (Token Ring) [via adapter], Wireless Ethernet (IEEE802.11a/b/g) [via third party adapter]   |  |  |  |
| PDL Support         | NA  |  | PCL®6, PCL5e, PostScript® 3™ emulation, LCDS, SCS, XES and IPDS via third-party transforms, and direct print TIFF, PDF, AS/400 support via Workstation Customization Objects   |  |  |  |
| Resolution          | NA  |  | Up to 1200 x 1200 dpi  |  |  |  |
| Print features      | NA  |  | Delay-, Sample-, Secure-, and Store-Print; Simultaneous rip, receive, programme-ahead, queue-process and transmit; Bi-directional print drivers; Exception page programming; Tab printing; Embedded Web Server for remote control/monitor/setup; Job monitoring at device and at desktop                   |  |  |  |
| Fax                 | Optional: Walkup Fax (33.6 Kbps, one-line and two-line options [256 MB]) with JBIG compression  |  | Optional: Walkup Fax (33.6 Kbps, one-line and two-line options [256 MB]) with LAN Fax  |  | Internet Fax, Network Server Fax, Optional: Walkup Fax (33.6 Kbps, one-line and two-line options [256 MB]) with LAN Fax and Fax Forward to Email |  |
| Scan                | NA  |  | NA   |  | Network Scanning with Email (Authentication and LDAP), Scan to Mailbox, Scan to Home, Scan to searchable PDF, PDF/A and XPS®,                    |  |
| Security            | Fax Security  |  | Fax Security, Secure Print, 802.1x, HTTPS (SSL), SNMP V3, IPv6, IPsec, Network Authentication, Device Access Password Protection, IP Filtering, Audit Log, Disk Encryption for Store Print and Scan to Mailbox features, Disk Image Overwrite  |  |  |  |
| Accounting          | Internal Auditor – Copy   |  | Internal Auditor – Copy; Xerox Standard Accounting – Copy, Print, Fax, Optional: Network Accounting Enablement (through 3rd Party)   |  | Internal Auditor – Copy; Xerox Standard Accounting – Copy, Print, Fax, Scan; Optional: Network Accounting Enablement (through 3rd Party)         |  |
| Other Options       | Upgrade Kit to Copier / Printer, Upgrade Kit to Copier/Printer/Scanner  |  | Upgrade Kit to Copier/Printer/Scanner (through 3rd Party)  |  | NA   |  |
|                     | 256 MB Pre collation Memory, Foreign Device Interface, Xerox Copier Assistant   |  | Foreign Device Interface, Xerox Copier Assistant, USB 2.0 / (IEEE 1284) Parallel Port Kit (copier/printer/ scanner version), Fax / Scan / Accounting Partner Solutions, Xerox Unicode International Printing, Xerox Secure Access Unified ID System™ with Follow You Print™, Common Access Card enablement |  |  |  |

\*Not available on copier-only models

# Specifications

| Specifications                           |  |                |                |                  |                        |                        |                         |
|--|--|----------------|----------------|------------------|------------------------|------------------------|-------------------------|
| <b>Device Management</b>                 | Xerox CentreWare Internet Services, Xerox CentreWare Web, Novell NDPS/NEPS, Xerox CentreWare for Unicenter TNG, Xerox CentreWare for Tivoli® NetView®, Xerox CentreWare for HP® OpenView®, Xerox Barcode Pro PS, Xerox Device Types for SAP r/3 Environment, Xerox SAP R/3 Intelligent Barcode Utility   |                |                |                  |                        |                        |                         |
| <b>Operating System Driver Support</b>   | Microsoft Windows® — XP, Server XP, Server 2003, Server 2003 64-bit, Vista, Vista 64-bit, Server 2008<br>Apple Mac OS® — 8.x, 9.x, 10.3 and higher<br>Sun Microsystems Solaris™ — 2.8, 2.9, 2.10<br>HP-UX® — 11.0<br>IBM AIX® — 4.3.3<br>Linux® — Fedora™ Core 1 (Intel), Yellow Dog 3.0<br>Citrix<br>Novell Netware 4.x, 5.x, 6.x   |                |                |                  |                        |                        |                         |
| <b>Media Handling</b><br>Supported Sizes | <b>Standard Trays:</b><br>Bypass Tray — 100 sheets, custom sizes from 4.13 x 5.83 in. (A6) to 11 x 17 in. (A3)<br>Trays 1 and 2 — 500 sheets each, custom sizes from 5.5 x 8.5 in. (A5) to 11 x 17 in. (A3)<br><b>High-Capacity Tandem Tray (optional on 5632, 5638, 5645, standard on 5655, 5665, 5675, 5687):</b><br>Trays 3 and 4 — 1,600 and 2,000 sheets, 8.5 x 11 in. (A4)<br><b>High-Capacity Feeder (optional on 5632, 5638, 5645, 5655, 5665, 5675, standard on 5687):</b><br>Tray 5 — 4,000 sheets, 8.5 in. x 11 in. (A4)<br>Optional 8.5 x 11 in./8.5 x 14 in. short-edge kit with 2,000-sheet capacity<br>Optional 11 x 17 in. (A3) short-edge kit with 2,000-sheet capacity |                |                |                  |                        |                        |                         |
| Supported Weights                        | <b>Standard Trays:</b><br>Bypass Tray — 16 to 57 lb. bond/80 lb. cover (60 to 216 gsm)<br>Trays 1 and 2 — 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)<br><b>High-Capacity Tandem Tray (optional on 5632, 5638, 5645, standard on 5655, 5665, 5675, 5687):</b><br>Trays 3 and 4 — 16 to 53 lb. bond/110 lb. index (60 to 200 gsm)<br><b>High-Capacity Feeder (optional on 5632, 5638, 5645, 5655, 5665, 5675, standard on 5687):</b><br>Tray 5 — 16 to 53 lb. bond/120 lb. index (60 to 216 gsm)  |                |                |                  |                        |                        |                         |
| <b>Operating Environment</b>             | Required Temperature Range — 50° to 90° F (10° to 32° C)<br>Required Relative Humidity — 10 % to 85 %  |                |                |                  |                        |                        |                         |
| <b>Electrical</b>                        | <b>Power (North America)</b> — 110 to 140 V Nominal, 60 Hz, 10A  |                |                |                  |                        |                        |                         |
|  | <b>Model</b>   | <b>Running</b> | <b>Standby</b> | <b>Low Power</b> | <b>Auto Off/ Sleep</b> | <b>Warm up to Copy</b> | <b>Warm up to Print</b> |
|  | 5632/5638 Copier <sup>1</sup>  | 1,080 w        | 265 w          | 100 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5632/5638 Copier/Printer <sup>1</sup>  | 1,130 w        | 305 w          | 115 w            | 15 w                   | ≤ 30 sec.              | ≤ 130 sec.              |
|  | 5645 Copier <sup>1</sup>   | 1,180 w        | 265 w          | 100 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5645 Copier/Printer <sup>1</sup>   | 1,230 w        | 305 w          | 125 w            | 15 w                   | ≤ 30 sec.              | ≤ 130 sec.              |
|  | 5655 Copier  | 1,280 w        | 265 w          | 100 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5655 Copier/Printer <sup>1</sup>   | 1,330 w        | 305 w          | 125 w            | 15 w                   | ≤ 30 sec.              | ≤ 130 sec.              |
|  | 5665 Copier  | 1,590 w        | 290 w          | 120 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5665 Copier/Printer <sup>1</sup>   | 1,640 w        | 330 w          | 155 w            | 9 w                    | ≤ 30 sec.              | ≤ 130 sec.              |
|  | 5675 Copier  | 1,640 w        | 290 w          | 120 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5675 Copier/Printer <sup>1</sup>   | 1,690 w        | 330 w          | 155 w            | 9 w                    | ≤ 30 sec.              | ≤ 130 sec.              |
|  | 5687 Copier <sup>2</sup>   | 1,790 w        | 290 w          | 120 w            | 4 w                    | ≤ 30 sec.              | N/A                     |
|  | 5687 Copier/Printer <sup>2</sup>   | 1,840 w        | 330 w          | 155 w            | 9 w                    | ≤ 30 sec.              | ≤ 130 sec.              |

<sup>1</sup> Configured with Office Finisher

<sup>2</sup> Configured with High Volume Finisher

## Specifications (continued)

| Dimensions       | 5632/5638/5645/5655  | Width               | Depth             | Height              | Weight                 |
|------------------|--|---------------------|-------------------|---------------------|------------------------|
|                  | Base Configuration   | 23.6 in. (600 mm)   | 25.6 in. (650 mm) | 39.8 in. (1,010 mm) | 217.7 lbs. (98.75 kg)  |
|                  | Base with DADF   | 23.6 in. (600 mm)   | 25.6 in. (650 mm) | 44.9 in. (1,140 mm) | 260.1 lbs. (118 kg)    |
|                  | Fully Configured Product   | 34.8 in. (884.8 mm) | 28 in. (710 mm)   | 44.9 in. (1,140 mm) | 275 lbs. (124.75 kg)   |
|                  | 5665/5675/5687   | Width               | Depth             | Height              | Weight                 |
|                  | Base with DADF   | 25.9 in. (657 mm)   | 28 in. (710 mm)   | 45.2 in. (1,147 mm) | 279.7 lbs. (126.85 kg) |
|                  | Fully Configured Product   | 37.1 in. (941.8 mm) | 34.2 in. (868 mm) | 45.2 in. (1,147 mm) | 297.4 lbs. (134.9 kg)  |
|                  | Accessories  | Width               | Depth             | Height              | Weight                 |
|                  | High Capacity Feeder   | 15.3 in. (389 mm)   | 20.1 in. (510 mm) | 22.6 in. (575 mm)   | 66.1 lbs (30 kg)       |
|                  | Offset Catch Tray (5632-5655)  | 14 in. (355 mm)     | 14.9 in. (378 mm) | 10.7 in. (273 mm)   | 4.2 lbs (1.9 kg)       |
|                  | Basic Office Finisher (5632-5645)  | 24.2 in. (614 mm)   | 22.3 in. (567 mm) | 21.3 in. (540 mm)   | 55.1 lbs. (25 kg)      |
|                  | Office Finisher (5632-5675)  | 24.2 in. (614 mm)   | 22.3 in. (567 mm) | 39.7 in. (1,008 mm) | 65 lbs. (29.5 kg)      |
|                  | High Volume Finisher (5655-5687)   | 41.3 in. (1,050 mm) | 24.8 in. (630 mm) | 45.1 in. (1,145 mm) | 160.5 lbs. (72.8 kg)   |
|                  | High Volume Finisher with Booklet Maker (5645-5687)  | 42.1 in. (1,070 mm) | 24.8 in. (630 mm) | 46.5 in. (1,180 mm) | 221.1 lbs. (100.3 kg)  |
|                  | High Volume Finisher with C- and Z-folder and Post Process Inserter  | 56.3 in. (1,430 mm) | 24.8 in. (630 mm) | 46.5 in. (1,180 mm) | 288.4 lbs. (130.8 kg)  |
|                  | Left Hand Media Shelf  | 11.2 in. (284.8 mm) | 19.6 in. (498 mm) | 3.2 in. (82 mm)     | 3 lbs. (1.4 kg)        |
|                  | Convenience Stapler  | 5.3 in. (134 mm)    | 7.1 in. (180 mm)  | 5.0 in. (126 mm)    | 6.6 lbs. (3 kg)        |
| Agency Approvals | FCC Class A Compliant (U.S.), DOC Class A Compliant (Canada), 89/336/EEC (Europe), UL Listed (UL 1950, Third Edition), CB Certified (IEC 60950/EN 60950), 73/23/EEC (Europe), 95/5/EEC (Europe), ENERGY STAR <sup>91</sup> |                     |                   |                     |                        |

<sup>1</sup> Does not include the Copier-only configuration of WorkCentre 5632 and 5638.

## Supplies

| Supplies    | Description                  | Details   | Part Number |
|-------------|------------------------------|---|-------------|
|             | Toner Cartridge <sup>1</sup> | For 5632/5638/5645/5655, 2 x > 32,000 <sup>2</sup> page cartridge | 006R01046   |
|             | Toner Cartridge <sup>1</sup> | For 5665/5675/5687, 2 x 50,000 <sup>2</sup> page cartridge        | 006R01146   |
|             | Staple Cartridge             | For Basic Office Finisher, 1 x 3,000 staple cartridge             | 108R00682   |
| Smart Kits™ | Staple Pack                  | For Basic Office Finisher, 3 x 3,000 staple cartridge             | 108R00535   |
|             | Staple Cartridge             | For Office Finisher, 3 x 3,000 staple cartridge                   | 108R00493   |
|             | Staple Cartridge             | For HVF, 1 x 5,000 staple cartridge                               | 108R12912   |
|             | Staple Cartridge             | For Booklet Maker Saddle Stitching, 8 x 2,000 staple cartridge    | 008R12897   |
|             | Staple Cartridge             | For Convenience Stapler, 1 x 5,000 staple cartridge               | 008R12964   |
|             | Staple Cartridge             | For Convenience Stapler, 3 x 5,000 staple cartridge               | 008R12941   |
|             | Fuser Module (N.A.)          | For 5632/5638/5645/5655, includes ozone filter                    | 109R00752   |
|             | Fuser Module (Europe)        | For 5632/5638/5645/5655, includes ozone filter                    | 109R00751   |
|             | Fuser Module (N.A.)          | For 5665/5675/5687, includes ozone filter                         | 109R00773   |
|             | Fuser Module (Europe)        | For 5665/5675/5687, includes ozone filter                         | 109R00772   |
|             | Xerographic Module           | For 5632/5638 (Metered)   | 113R00608   |
|             | Xerographic Module           | For 5632/5638 (N.A. Sold)   | 113R00610   |
|             | Xerographic Module           | For 5632/5638 (Europe Sold)                                       | 113R00607   |
|             | Xerographic Module           | For 5645/5655/5665/5675/5687 (Metered)                            | 113R00672   |
|             | Xerographic Module           | For 5645/5655/5665/5675/5687 (N.A. Sold)                          | 113R00674   |
|             | Xerographic Module           | For 5645/5655/5665/5675/5687 (Europe Sold)                        | 113R00673   |
|             | Document Feeder Rolls        | For 5632/5638/5645  | 113R00717   |
|             | Document Feeder Rolls        | For 5645/5655/5665/5675/5687                                      | 113R00718   |

<sup>1</sup> Includes waste toner bottle    <sup>2</sup> 6% area coverage per cartridge



# Options

| Options | Description                                       | Details   | Part Number |
|---------|---|---|-------------|
|         | Offset Catch Tray (5632/5638/5645/5655)           | 300 sheets (stacking)   | 497K2720    |
|         | Basic Office Finisher (5632/5638/5645)            | 1,000 sheets plus 250-sheet top tray (stacking, 50-sheet multiposition stapling)                          | 097S03863   |
|         | Office Finisher (5632/5638/5645)                  | 2,000 sheets plus 250-sheet top tray (stacking, 50-sheet multiposition stapling, optional hole-punching)  | 097S03864   |
|         | 2-Hole Punch Kit                                  | For Office Finisher   | 498K10260   |
|         | 3-Hole Punch Kit                                  | For Office Finisher   | 498K10270   |
|         | 4-Hole Punch Kit                                  | For Office Finisher   | 498K10280   |
|         | Legal 2-Hole Punch Kit                            | For Office Finisher   | 498K10290   |
|         | High-Volume Finisher (HVF) (5655/5665/5675/5687)  | 3,000 sheets plus 250-sheet top tray (stacking, 100-sheet multiposition stapling, optional hole-punching) | 097S03407   |
|         | Swedish 2-Hole Punch Kit                          | For Office, Professional, and High-Volume Finisher  | 498K10310   |
|         | 2-Hole Punch Kit                                  | For High-Volume Finisher  | 498K11400   |
|         | 3-Hole Punch Kit                                  | For High-Volume Finisher  | 498K11410   |
|         | HVF with Booklet Maker (5645/5655/5665/5675/5687) | Adds saddle-stitch booklet making   | 097S03410   |
|         | Z-Fold/C-Fold unit for HVF with Booklet Maker     | Adds letter-size C- and Z-folding   | 097S03413   |
|         | Post Process Inserter for HVF                     | Adds preprinted inserts   | 097S03411   |
|         | High Capacity Feeder (HCF)                        | 4,000-sheet capacity  | 097S03786   |
|         | A3 High Capacity Feeder Kit                       | 2,000-sheet capacity  | 498K12130   |
|         | SEF High Capacity Feeder Kit                      | 2,000-sheet capacity  | 498K12140   |
|         | Envelope Tray                                     |   | 498K15990   |
|         | Convenience Stapler Kit (110 V)                   | 50-sheet stapling   | 498K8250    |
|         | Convenience Stapler Kit (220 V)                   | 50-sheet stapling   | 498K8260    |
|         | Left Hand Media Shelf                             |   | 498K05031   |
|         | USB Print Connectivity Kit                        |   | 498K10330   |
|         | Unicode International Printing Kit                |   | 320S00290   |
|         | Foreign Device Interface                          |   | 498K10230   |
|         | Memory Upgrade Kit                                | 256 MB  | 498K10250   |
|         | Xerox Copier Assistant Software Kit               |   | 498K13731   |
|         | Color Scan Kit (5665/5675/5687)                   |   | 498K15130   |
|         | Internet Fax                                      |   | 498K15140   |
|         | Server Fax Kit                                    |   | 498K15150   |
|         | Network Accounting Kit                            |   | 498K15160   |
|         | Scanning Kit                                      |   | 498K15180   |
|         | 1-Line Fax Kit                                    |   | 498K16000   |
|         | 2-Line Fax Kit                                    |   | 498K16010   |
|         | Xerox SMARTsend                                   | Standard SE   | 320S00244   |
|         | Xerox SMARTsend                                   | Professional  | 320S00245   |
|         | Xerox SMARTsend                                   | 5 License Pack  | 300S01915   |
|         | Xerox SMARTsend                                   | 15 License Pack   | 300S01916   |
|         | Xerox SMARTsend                                   | 50 License Pack   | 300S01917   |
|         | Xerox Scan to PC Desktop                          | SE  | 301K17680   |
|         | Xerox Scan to PC Desktop                          | Professional  | 301K17700   |

# Support and Additional Information Sources

## 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.

## Total Satisfaction Guaranteed

The exclusive Xerox Total Satisfaction Guarantee, recognized as unique in the industry, covers every Phaser device that has been continuously maintained by Xerox or its authorized representatives under a Xerox express warranty or Xerox Maintenance agreement. You decide when you're satisfied.

## Xerox Office Services Support

### Asset Management Services

- Asset Optimization and Tracking — Process and tools to optimize an enterprise's office output infrastructure and reduce hard costs
- Break-Fix Management — Single point of ownership and management for break-fix service of all brands of office output devices, regardless of manufacturer
- 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 that uses 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 centralized single point of contact and delivered through either an on-site or off-site model
- End User Services — Microsoft software implementation, IT project consulting, and customer education

### Access Managed Services

- Student and Library Patron Access — Custom designed and implemented customer-managed solutions

## Additional Information Sources

### WorkCentre 5600 Series front panel:

- The front panel offers tools and information pages to help with machine setup, feature selections, operational problems, media feed and supply issues.

### Customer Documentation:

- Installation Guide
- Quick Use Guide
- Software and Documentation CD-ROM
- Warranty Booklet

### On the Web:

Visit [www.xerox.com/office](http://www.xerox.com/office) for:

- Product, supplies, and support information
- Downloading drivers
- Finding your local reseller
- Online documentation

Visit [www.xerox.com/office/support](http://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 for any reason you need to contact your Xerox sales representative, please call 1-ASK-XEROX, or visit us on the web at [www.xerox.com/office](http://www.xerox.com/office).



For 5632 / 5638 / 5645 / 5655  
network connected versions only

