

Xerox® Print Driver Platforms V3 and V4



Xerox® Global Print Driver® V3 / Xerox® Pull Print Driver V3 and V4 / Xerox®
V4 Traditional Print Driver

xerox™

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Executive Summary

Xerox Corporation developed a breakthrough print driver platform that significantly reduces costs and increases the efficiencies of enterprise printer management and support. This new platform has changed the way that IT administrators view and manage enterprise print drivers.

Our core driver platform (the key component of this new strategy) helps make you more productive by streamlining the user interface and ensuring a consistent experience across the majority of our product lines. This consistency has greatly simplified print services delivery and reduced end-user training and support requirements, and lowered the cost of IT print services as a result.

Our innovative print drivers built on the new platform, the Xerox® Global Print Driver® and Xerox® Pull Print Driver, have been upgraded:

- **Xerox® Global Print Driver** is a universal print driver that offers unprecedented ease of use for network administrators managing a diverse array of print devices across the enterprise. It greatly reduces the time and effort required to deploy and upgrade print drivers on a network.
- **Xerox Version 4 (V4) traditional drivers** are specifically aimed at printing from Windows® 10 and later operating systems. When compared to the Version 3 (V3) Global Print Driver, the V4 drivers conform to Microsoft's Version 4 print architecture and adds feature-rich functionality in the later OS especially when printing from Store Apps, which is restricted for the original Version 3 architecture.
- **Xerox® Pull Print Driver** allows users of popular "Pull Printing" solutions to use one single, configurable print driver for their printing needs with compatible Xerox® products. This will simplify deployment and usage for both IT and customers who use solutions such as Equitrac Office® and YSoft SafeQ®. The Xerox® Pull Print Driver is available in both Version 3 and Version 4 architectures.

Unlike proprietary "universal" print drivers, the Xerox® Global Print Driver supports both Xerox® and non-Xerox® printers, which is an important advantage for IT managers administering the typically diverse mix of print devices on today's enterprise networks. These drivers also support 100% of the feature sets of most Xerox® printers.

In addition, the Global Print Driver provides you a consistent single interface for all printers, with real-time, dynamic reports of printer status. As a result, you can easily identify the best printer for your needs, quickly choose the correct options and see updated consumables status without the assistance of IT.

The Xerox® Pull Print Driver streamlines fleet administration by allowing users to opt for a single, configurable print driver for a fleet of Xerox® devices. The driver leverages all the productive features of compatible Xerox® printers and MFPs, including finishing, simplex/duplex printing and environmental settings. It's smart, too. If a job with finishing selected is released at a printer or MFP without a finisher, the device will simply ignore the finishing command and deliver plain prints.

Background Information

Understanding the Microsoft® Print Architecture

Microsoft introduced the Version 3 print architecture in Windows® 2000 and added the Version 4 print architecture starting in Windows 8 and Windows Server® 2012. The Version 4 architecture can also support Windows 7 client PCs attached to Server 2012 or later print servers.

The Version 4 architecture creates safer, more versatile drivers that are easier to install and uninstall. However, V4 “drivers” consist of three vendor-supplied components that work together to provide the complete V4 print experience. These components are: print driver, desktop printer extension and Windows Store Device App (WSDA). Xerox provides one common desktop printer extension, Xerox® Desktop Print Experience application (at Xerox.com), and one common WSDA, Xerox® Print Experience app (free in the Microsoft Store) for all supported products and V4 traditional product-specific print drivers. The Xerox® Desktop Print Experience application displays the print feature dialog when printing from Windows programs (such as Office 2016). The Xerox® Print Experience WSDA displays the print feature dialog when printing from Windows Store Apps (such as Microsoft Edge® Browser). Without these two print experience applications, the print time user interface shows only generic MS print feature dialogs.

The latest Windows 10 operating systems still support Windows V3 print drivers. The V3 print drivers present a feature-rich print feature dialog when printing from Windows programs but are forced to use a basic print feature UI when printing from Windows Store Apps.

Some details on Version 4 print architecture are available at <https://docs.microsoft.com/en-us/windows-hardware/drivers/print/v4-printer-driver>.

Traditional Print Drivers: The “One Driver, One Printer” Model

In the typical, “traditional” scenario, print drivers are device-specific. Xerox offers V4 traditional print drivers. While they can manage a single device or family of related models, traditional drivers generally can’t be used to manage other printers, particularly from other manufacturers.

Most enterprise networks have diverse output requirements and employ a wide array of devices with varying capabilities. Some are connected to the network; others connect directly via USB to individual users’ computers. The task of qualifying, installing and managing those drivers can be a large drain on an organization’s IT resources.

In addition, this standard “one driver, one printer” model can proliferate drivers on a single print server, increasing the chances of conflicts

between drivers. The multitude of drivers can also slow down migrations to new technology, delay recovery in the event of a disaster and significantly increase network operations staffing requirements.

Also, making changes to a printer or its configuration can require repeated direct interaction with users’ computers, which slows down device refreshes and increases IT’s support costs. Printer users can be confused by differences between varying print driver interfaces, which not only reduces employee productivity but also increases the need for additional training and/or help desk support.

Traditional drivers often are problematic for today’s mobile professionals. When visiting a new location, you must identify and install drivers to print documents, or interrupt on-site personnel for “print favors.” Your printer list soon grows to an unmanageable level, regardless of whether the listed printers are actually available.

Printing with Universal Print Drivers

A single “universal” driver platform for all networked devices resolves many of the issues that arise from the “one driver, one printer” model. A universal print driver (UPD) provides users and network administrators with a single driver interface that communicates with multiple printers.

By deploying a UPD on the network, IT managers reduce printer support requirements, install or upgrade printers in a fraction of the time and reduce the labor and overhead needed to support network printing. This cuts an organization’s overall printing costs and increases user satisfaction with IT’s print services.

Unfortunately, older UPDs are proprietary, providing little or no support for other manufacturers’ devices. The UPD may not be capable of printing to any device it doesn’t explicitly support (even from the same manufacturer), and may not always allow access to all the device’s features and capabilities. For example, the UPD may not offer access to advanced color management options or print quality settings for a selected printer, even in the manufacturer’s own product line.

Proprietary UPDs are of limited usefulness in supporting the diverse array of output devices found on today’s networks. It’s not always clear if these drivers will scale to accommodate future printers and multifunction devices when a company’s product direction changes.

Moreover, current UPDs fail to address mobile user issues. Because they usually cannot provide dynamic, location-specific updates of printer status and availability, you can mistakenly send documents to printers at other sites. This is frustrating and inconvenient and, when confidential documents mistakenly print in a remote location, introduces a potential security risk.

Xerox® Print Driver Strategy

Xerox® Driver Platforms for Windows®

The Xerox® Driver Platforms for Windows solve many of the problems of older, proprietary UPDs by providing an underlying driver base that unifies a common user experience and feature implementation. The Xerox® Driver Platforms for Windows are the basis for our continuing delivery of traditional (v4 only) and universal print drivers. They also improve the user experience through enhanced ease of use and the ability to present a common user interface for all supported devices.

The V3 Xerox® Driver Platform for Windows is built on industry-standard Unidrv and PScript core driver components from Microsoft and supports Xerox® Office and Production products including our Phaser®, WorkCentre®, ColorQube®, VersaLink®, AltaLink® and DocuSP®/FreeFlow® devices. It provides a common driver implementation for Microsoft® Windows® operating systems. Both 32- and 64-bit versions of Windows 8, Windows 10 and Windows Server® 2008 are supported along with 64-bit versions of Windows Server 2008 R2, Server 2012, Server 2012 R2, Server 2016 and Windows Server 2019.

The V4 Xerox® Driver Platform is built on XPS core driver components, XPS to PS and XPS to PCL®6 filters from Microsoft and supports Xerox Office printers including our Phaser, WorkCentre, ColorQube, VersaLink and AltaLink devices. It provides a common driver implementation for Microsoft Windows operating systems 32- and 64-bit versions of Windows 8 and Windows 10, and 64-bit Windows Server 2012, Server 2012 R2, Windows Server 2016 and Windows Server 2019.

Additionally, the V4 driver platform is the recommended print option in Windows 10S, because this operating system variant only allows users to install apps from the Windows Store so V3 drivers are not supported. Even when using the V4 Driver Platform, the Xerox® Print Experience Windows Store Device App installs (since it is a Store App) but the Xerox® Desktop Print Experience application cannot install, which reduces the print features available at print time.

Architecture

The Xerox® Driver Platforms enable a wide range of workflows from a common driver core. This simplifies driver certification in enterprise environments and also significantly reduces or eliminates the effort required to transition between driver types.

The V3 Xerox® Global Print Driver and the V3 Xerox® Pull Print Driver share the same architectural components.

The V4 Xerox® Pull Print Driver and the V4 traditional Xerox® drivers share the same architectural components. The Xerox® Desktop Print Experience application and Xerox® Print Experience Windows Store Device App are common components shared by all V4 print drivers—traditional drivers and V4 Pull Print.

As a result, all Xerox® drivers built on these platforms present a consistent user experience regardless of the chosen printer. Users will see the same features and behaviors, the same interface components and the same driver/application interactions.

The Global Print Driver lets IT managers virtually eliminate the one printer, one driver model, which dramatically streamlines print driver management across the enterprise. Because the driver types share the same core and feature implementations (creating a common print driver base), IT staff need only focus on the unique changes in workflow characteristics, driver improvements or version changes when transitioning between driver types. This eliminates the need to fully test and certify multiple drivers for multiple devices, which significantly reduces IT support costs.

Integration with Microsoft® Core Drivers

Xerox aligns with Microsoft's print driver development architectures, basing our platform on Microsoft's core drivers, Unidrv and PScript for V3 and XPS for V4, to ensure that our drivers maintain optimal compatibility with the Windows operating system.

Consistent Interface Lowers User Learning Curve

Each driver offers distinct workflows tailored to meet the needs of specific types of users. Because the drivers share a consistent user experience, users can move between drivers and printers without confusion, thereby greatly reducing the need to call IT for printer support. An employee can install the Global Print Driver, for example, and find each feature in the same position in the user interface for every printer they use.

Xerox® Global Print Driver®

The Global Print Driver reduces the burden of network printer support for IT administrators by providing broad device support in a convenient, single-driver package. It works with virtually all Xerox®-branded printers and multifunction printers (MFPs), and also supports non-Xerox® devices that implement print features using compliant PostScript® and PCL® page description languages (PDLs).

Key Features

- Unified, universal driver. Single driver can be used across the network with Xerox® and non-Xerox® devices using PostScript and PCL6 PDLs.
- Simplified device management. No need to distribute new printer queue mappings to users when changing or replacing printers.
- Custom printer settings. IT managers can deploy global, pre-configured printer settings to all Global Print Driver-supported devices. In addition, you can configure your own application-specific printer settings that will be applied to every new printer you choose.
- Single, consistent interface greatly improves the overall user experience.

Unified Universal Driver

Global Print Driver supports virtually all Xerox®-branded printers and multifunction printers. Our tests have shown that it also works with non-Xerox® devices if they support a Microsoft Windows® implementation of PostScript (Level 2 or Level 3) or PCL6.

For fully supported devices, Global Print Driver displays the full feature set of the selected device, including such options as advanced color management and print quality settings. However, we can't guarantee that non-standard features of every non-Xerox® device will be compatible with Global Print Driver.

Simplified Device Management

The Global Print Driver's ability to unify and streamline print driver management can dramatically reduce ongoing network printing costs.

It can greatly simplify driver deployment and maintenance. When a network administrator upgrades a device with two-sided printing capabilities, for example, Global Print Driver will dynamically update the user's printer options to reflect the new features.

A printer can be easily replaced when using Global Print Driver; the network administrator simply plugs in the new device and assigns it the same IP address as the old printer (or redirects the port). No additional installation or qualification is necessary. Global Print Driver will automatically determine which product should be associated with a print queue during printer installation and select the appropriate user interface to use for the new device.

This capability eliminates the need to distribute new printer queue mappings to users when changing or replacing printers. Instead, the change can be quickly and transparently delivered to the user environment without requiring additional user intervention.

Custom Printer Settings

The architecture of Global Print Driver makes it easy to establish global printer settings for certain print driver features and apply them across the network. IT managers can use this capability, for example, to enforce sustainability or green initiatives by defaulting all print queues to use two-sided, or duplex printing, or save money by electing a default setting of black and white instead of color.

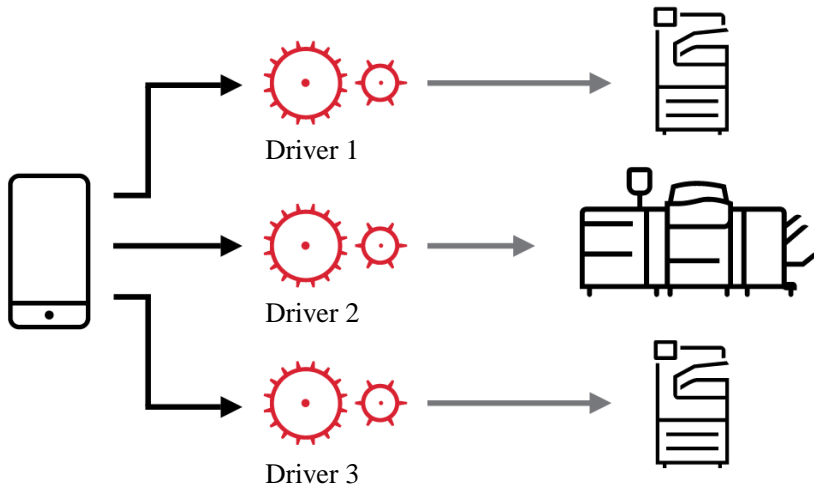
Single, Consistent Interface for Users

Because Global Print Driver creates a consistent, easy-to-use printer interface, it can reduce user training and support. When Global Print Driver is first installed and enabled with bi-directional communication, it will identify the print device associated with the print queue. It then

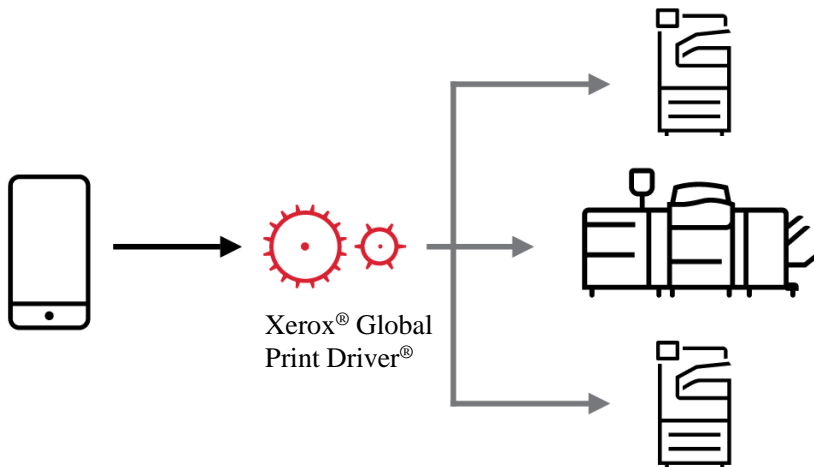
selects and displays the correct user interface and feature set for the user’s chosen printer.

If bi-directional communication is not enabled or the device is not fully supported by Global Print Driver, the user can choose between manually configuring the print driver for a richer feature experience or using a standard basic interface.

Printing with Traditional Print Drivers: The “One Printer: One Driver” Model



The traditional one printer: One driver model significantly increases IT’s driver management and support burden, and is frequently a source for driver conflicts on network print servers. Most “universal” print drivers are proprietary and support relatively few devices on the typical network, doing little to



The breakthrough Xerox® Global Print Driver® significantly consolidates print driver management for both Xerox® and non-Xerox® printers, dramatically reducing IT management and support requirements.

Xerox® Pull Print Driver

The Xerox® Pull Print Driver is available in both V3 and V4 architectures. The V4 print architecture relies on multiple components to provide the richest print feature functionality: the Xerox® Desktop Print Experience application (at Xerox.com), the Xerox® Print Experience WSDA (at Microsoft® Store) and the V4 Xerox® Pull Print Driver (at Xerox.com).

Key Features

- Support for pull print workflows. Lets IT managers qualify, deploy and manage all supported print devices on the network using a single driver in a Pull Print environment
- Quick installation: users can immediately use the driver without requiring IT assistance
- Forward compatible with future Xerox® products, meaning you don't need to upgrade your drivers when you add new compatible equipment to your fleet

Support for Pull Print Workflows

Behind the scenes, the Pull Print Driver works in conjunction with a single queue or pull queue application. This allows print jobs to “follow” the user to whichever Xerox® printer or multifunction printer he or she selects. At the printer or MFP, card or network authentication gives the user access to a list of print jobs on the server. Simple, convenient user screens make managing and releasing those jobs a snap. Once a selection is made, the system “pulls” the jobs for printing at that device.

Quick Installation

The Pull Print Driver does not query the device for configuration details and does not need to be configured prior to printing. It can be deployed across an enterprise as is. If additional features such as extra input trays or finishing are required, then network administrators can configure installable options with the XML configuration tool.

Forward Compatible with Future Xerox® Products

The Pull Print Driver supports a feature set that is common to all supported Xerox® printers and MFPs. When a compatible Xerox® device is added to the network, it is immediately supported by the Pull Print Driver. Network administrators can simply create print queues for the new device using the existing Pull Print Driver.

Driver Type Comparison

Capability	Traditional Xerox® Driver (V4)	Xerox® Global Print Driver (V3)	Xerox® Pull Print (V3 or V4)
Driver is configured to use device feature set	At Installation	At Installation	At Installation
Presents all device features using consistent user interface	•	•	Subset of most commonly used features (including secure print)**
Groups commonly used features on first tab for easy access and enhanced usability	•	•	•
“Saved Settings” (V3) or “Presets” (V4) feature allows each user to customize driver’s default settings	•	•	•
Saves application-specific driver settings and applies to all printers selected, even non-Xerox® printers	•	•	•
Rich status reporting provides quick view of current device status; users know if a device isn’t ready before they print	•	•	NA
Configures all installable options automatically	•	•	NA
All changes to device configuration dynamically update in all users’ drivers	•	•	NA
Permits basic printing to any standards-compliant PostScript® device*	—	•	•
Permits basic printing to any standards-compliant PCL6 device*	—	•	•
IT can certify and deploy one driver for many devices	—	•	•
IT can replace or upgrade printers without reinstallation of driver (simply redirect port or use same IP address as old device)	—	•	•

*Xerox cannot guarantee print quality or feature compatibility when printing to non-Xerox® devices.

**Secure print feature is available in the following Pull Print driver versions or later: V3 Pull Print version 5.703.x; V4 Pull Print version 7.139.0.

Basic Printing Mode

When Global Print Driver encounters a Xerox® device or devices from non-Xerox® manufacturers that are not fully supported by the new driver platform, they will automatically fall back to basic printing mode.

Basic printing mode ensures flexibility in supporting a diverse array of output devices across the network. Global Print Driver supports standard PostScript® and PCL® commands. The driver can detect the printer's ability to support color versus monochrome printing and/or two-sided printing functionality, and will present those as customized options in the driver interface.

Basic printing mode also supports most of the drivers' key features, including the ability to save application-specific print driver settings.

The following table lists and describes some of the commonly used driver features in basic printing mode.

Feature	Description
Media size	Presents commonly available paper sizes.
Media type*	Includes various media types.
Two-sided printing	Detects the ability of the device to support two-sided printing and then displays the appropriate options.
Output color	Detects the device's ability to print in color versus monochrome and displays the appropriate options. If the device's color capabilities can't be determined by the driver, the PostScript driver will default to monochrome with the Output Color option, while the PCL drivers will default to monochrome printing and disable the Output Color feature.
Pages per sheet (N-Up)	Allows the user to place up to 16 images on one page. This environmentally friendly option helps reduce paper consumption.
Booklet layout	Automatically re-orders and lays out pages in the print job to form a booklet.
Page layout options	Presents advanced functionality to customize the layout and appearance of the printed job.
Watermark	Allows the user to incorporate a text or graphical watermark into the print job document.

*For best results, choose the media size and type offered by your device. Vendors' implementations of media options can differ substantially and the behavior of these features is dependent on how the device supports paper sizes, paper path dimensions, media types and paper tray designations. Please consult your device's documentation for additional information.

Driver Security

Microsoft® Windows® operating systems check drivers for the presence of a digital signature before allowing installation and deployment to proceed. A digital signature is applied to the print driver package certifying the security and robust behavior of the installed device.

A digital signature also indicates that the driver package is intact and in the original form intended by the manufacturer with no evidence of tampering. If the signature is missing from a driver package, Windows will alert the user, giving them the chance to abort the installation.

The Global Print Driver and V3 Pull Print Driver have been digitally signed with a Microsoft certificate in accordance with the Microsoft WHQL requirements.

The V4 traditional drivers and V4 Pull Print driver components are digitally signed with a Microsoft certificate in accordance with the Microsoft WHQL requirements. The Xerox® Desktop Print Experience application is Xerox signed through the use of a VeriSign® digital certificate. Microsoft signs the Xerox® Print Experience Windows Store Device App when uploading it to the Microsoft Store.

Type of Driver	Type of Digital Signature	
	Microsoft® WHQL	VeriSign®
Xerox® Global Print Driver®	•	NA
V3 and V4 Xerox® Pull Print Driver	•	NA
V4 traditional Xerox® drivers	•	NA
V4 Xerox® Desktop Print Experience	NA	•
V4 Xerox® Print Experience WSDA	NA*	NA*

* Microsoft signs the Xerox® Print Experience WSDA prior to posting to Microsoft Store

What's New in the Releases?

What's New in this Global Print Driver Release?

This version is labeled 5.1035.2

New in this release:

- Xerox® AltaLink C8230 Color MFP
- Xerox® AltaLink C8235 Color MFP
- Xerox® AltaLink C8245 Color MFP
- Xerox® AltaLink C8255 Color MFP
- Xerox® AltaLink C8270 Color MFP
- Xerox® AltaLink C8245 MFP
- Xerox® AltaLink C8255 MFP
- Xerox® AltaLink C8270 MFP
- Xerox® PrimeLink C9265 Printer
- Xerox® PrimeLink C9275 Printer
- Xerox® PrimeLink C9281 Printer
- Bug Fixes

What's New in this Pull Print Driver V3 Release?

This version is labeled 5.1035.2

New in this release:

- Bug Fixes

What's New in this Pull Print Driver V4 Release?

This version of V4 Pull Print driver is labeled 7.139.0.

New in this release:

- Secure print feature

Appendix A: FAQ—Xerox[®] Driver Platform Strategy (V3 and V4)

Q. Which platform should I use—V3 or V4?

A. The V4 print driver platform was created to fully support Windows[®] 8, 10 and later operating systems. However, it cannot offer the PostScript[®] Pass-Through functionality available in the V3 print driver platform; this could be a shortcoming when printing from Adobe publishing applications. The V3 print driver platform is supported in these later operating systems but offers greatly reduced print features when printing from Microsoft[®] Store Apps such as Microsoft Edge[®] Browser. When using Windows 8 and 10, we recommend you consider the V4 print driver platform unless you use Adobe publishing applications. Refer to the documentation available at the Global Print Driver download page for additional information.

Q. Does the Global Print Driver support USB devices?

A. Yes. Both Global Print Driver and traditional Xerox[®] drivers, support USB installations. Do note that bi-directional communication between driver and device is not available in this case.

Q. I frequently use the same print driver features when printing from certain applications. Is there a way that the Global Print Driver can help me simplify the process of setting up a print job when printing from these applications?

A. Yes. The “Saved Settings” feature in Global Print Driver or “Presets” feature in V4 traditional drivers allows users to create customized feature profiles on a per-user basis.

The V3 architecture allows users to create saved settings on a per-application basis as well. For example, when printing from Microsoft Outlook[®], you might prefer to print in black and white mode, with two-sided output and single-staple selected. When you print from Outlook using Global Print Driver you can make these changes in the print driver and then save them for future use by choosing “Save as Microsoft Office Outlook Defaults” from the Saved Settings list. When you return to Outlook and print again, the Microsoft Office Outlook default settings will automatically be applied to the print job. This is a V3-only feature; the V4 traditional driver architecture does not allow this.

Q. Were the drivers tested successfully in a Novell environment? Do they support Novell[®] iPrint?

A. Yes. Global Print Driver and traditional Xerox[®] drivers were tested in Novell (acquired by Micro Focus International) NDPS and iPrint configurations. However, to ensure that proper device detection and automatic configuration of installable options work correctly, it is necessary to use version 5.20 or higher of the Novell iPrint client.

Appendix B: FAQ— Xerox® Global Print Driver

Q. I am planning to upgrade my older Xerox® products to newer Xerox® products. Can Global Print Driver make this device replacement easier for me and my employees?

A. Yes. A benefit of deploying print queues using Global Print Driver is the ability to change print queue attributes, have the appropriate print driver changes take effect and eliminate the need to redeploy new print queues to users when changes of this nature take place.

When the administrator alters the IP address or changes the print queue to use a different port, Global Print Driver detects the modification. It will attempt to identify the new device associated with that IP address or port and will update the print driver user interface to reflect that new device.

For Xerox® products that are included in the Windows® driver platform, the print driver will take on the feature set of the new device. If the administrator has configured the queue name to use a location-specifying naming scheme, it won't be necessary to push new print queue mappings to the users or require the users' intervention to take advantage of the device update.

Q. How do I update a particular product's print driver? If Global Print Driver needs to be upgraded, does that affect all printer objects and require a complete rebuild?

A. If Global Print Driver has been used to deploy print queues for multiple products, all of those queues will be simultaneously upgraded with the underlying Global Print Driver. All of the queues are associated with the same driver and when that driver changes, all of the queues are affected.

If a team would like to load the latest Global Print Driver without upgrading, use the "versioned" model presented during the install process.

Q. Can a network administrator create standard TCP/IP ports and apply Global Print Driver to local queues as they wish?

A. Yes. Global Print Driver can be used to create multiple print queues using standard TCP/IP ports. All of these queues would be enabled by a single install of Global Print Driver.

Q. What if I have a driver issue and need to uninstall and re-install the driver? Will ALL printer objects need to be deleted? Or just the one affected product's driver?

A. In this situation, because all of the print queues are shared by one common print driver, presumably Global Print Driver, all of the print queues would be affected by the deletion of the driver.

Q. Are there shared DLLs among the individual queues with the Xerox® Global Print Driver? What happens if a DLL becomes corrupted? Can all printer queues be corrupted because the driver is a single, shared file?

A. Because all print queues associated with Global Print Driver use the same set of driver files, all queues will be affected if those files are corrupted.

Q. Can I add support for a printer not supported by my current version of the Global Print Driver?

A. Global Print Driver is updated twice yearly to include support for newly released products.

Global Print Driver supports Device Compatibility Packs (DCP) that are released at product launch and add support for a newly launched product to the last Global Print Driver version released to the field. This way, the user does not have to wait until the Global Print Driver is updated and released, possibly months later.

Appendix B: FAQ—Xerox® Global Print Driver® (continued)

Q. How does an IT manager use Global Print Driver to support non-Xerox® devices?

A. When installing a non-Xerox® device using the Add Printer wizard, select or create the appropriate port for the device and proceed with the installation. Global Print Driver will recognize the installation of a non-Xerox® device and automatically default to the Basic Printing Mode. If Global Print Driver cannot establish bi-directional communication with the device, it will also default to basic printing mode.

For more information regarding which devices are explicitly supported by Global Print Driver and for additional configuration details, please see Appendix D.

Q. How is pre-configuration handled by Global Print Driver?

A. Pre-configuring the Global Print Driver with certain feature defaults is accomplished just like with traditional Xerox® drivers. For more information regarding how to manage the drivers in this instance, please refer to the Xerox.com customer tip at:

<http://www.office.xerox.com/latest/SFTHT-01U.pdf>

Q. Is this a Windows® platform-only driver?

A. Yes. At the present time, Global Print Driver currently is only available for the Windows Platform.

Q. Will Global Print Driver work with Follow-You® Print in the Xerox Secure Access Unified ID System®?

A. We have been working with Equitrac and other Xerox partners to ensure that Global Print Driver functions well with their solutions. Because the same PDL is emitted when using Global Print Driver as the traditional Xerox® driver, the Global Print Driver will also integrate well with these solutions. This is especially true for Xerox® products fully supported by Global Print Driver.

Q. Does Global Print Driver support accounting enablement? For example, if I've enabled network accounting with user IDs for my multifunction printer, how will Global Print Driver support a user who chooses it?

A. Yes. Global Print Driver can be configured for accounting when used with a fully supported Xerox® product. This option is implemented commonly across Global Print Driver and traditional Xerox® drivers.

Q. Are there instances when Global Print Driver is not the best choice?

A. Global Print Driver is most beneficial to IT for simplifying print driver certification, deployment and maintenance. It would be less helpful if you print with a single device and don't need to create or modify additional print queues.

Global Print Driver will work with most non-Xerox® devices that implement industry-standard PostScript® and PCL® commands. However, if a non-Xerox® device implements features in a proprietary manner and fails to support industry-standard PostScript and PCL commands, you might experience some difficulty using the driver. In such a case, we recommend that you use the manufacturer's print driver.

Additionally, the Traditional Print Drivers V4 would be a better choice when printing from [Microsoft® UWP \(Universal Windows Platform\) Apps](#), available from the Microsoft Store, such as the [Microsoft Edge®](#) browser. Microsoft only supports vendor-customized "More settings" GUIs from V4 drivers. With V3 drivers, Microsoft's generalized 'print settings' does not provide a way to enable 'PIN protected printing'.

Q. Will the Xerox® Global Print Driver support future Xerox® products?

A. Yes. Future releases of Global Print Driver will include support for Xerox® products that have launched since the last release of Global Print Driver.

Q. Can Global Print Driver be pushed out with a script? If so, what DLL should we reference in the script? Is there one DLL for all products?

A. Global Print Driver is very similar to traditional Xerox® drivers. The methods you use to push traditional drivers out to enterprise clients can be used with Global Print Driver as well. Because product support is already bundled with Global Print Driver, there is no need to reference specific DLLs for specific products. At install time, Global Print Driver will detect the product associated with the port and present the appropriate driver user interface.

Q. Is the Xerox® Global Print Driver an appropriate driver solution for a Citrix or Windows Terminal Server environment?

A. Yes. By eliminating multiple driver versions, Global Print Driver may be especially helpful in a Citrix or Microsoft Terminal Server environment. Global Print Driver helps ensure that matching drivers are present on both the server and the client, which is a commonly faced difficulty when deploying traditional print drivers in these environments. We have applied for Citrix Ready® certification for Global Print Driver.

Q. I have changed the name of my print queues to refer to building locations. How can I tell which driver type I am using—Global Print Driver or the traditional driver?

A. To determine which type of driver is used for a particular print queue, right-click on the queue, select "Printer Properties" or "Properties" and then the "Advanced" tab. The "Driver:" feature on this tab shows the print driver that is associated with the queue.

Appendix C: Supported Devices

The Global Print Driver® is a universal print driver compatible with Xerox® and other manufacturers' products, but the driver's functionality varies by product model. For fully supported devices, the drivers will automatically recognize all the advanced printing features supported by the device and present them in the driver user interface.

All Xerox® and non-Xerox® devices that can process industry-standard PostScript® and PCL® commands are compatible with these drivers in the "Basic Printing Mode". The Global Print Driver allows for configuring "Xerox® WorkCentre® Device" or "Xerox® FreeFlow® Device" modes to ensure that additional printer capabilities are available.

The link below contains the Xerox® products that are fully supported by the Xerox® Global Print Driver. Support for the V3 and V4 Xerox® Pull Print Drivers is indicated in this table as well.

<https://www.support.xerox.com/download/156616>

Appendix D: Global Print Driver[®] Fuji Xerox Supported Devices

Devices for Asia Pacific region excluding Japan

ApeosPort C7070/C6570/C5570/C4570/C3570/C3070	DocuCentre-IV C5575/C4475/C3375/C3373/C2275
ApeosPort C2360/C2060	ApeosPort-IV C5570/C4470/C3370/C3371/C2270
ApeosPort-VII C7773/C6673/C5573/C4473/C3373/C3372/C2273/ C7788/C6688/C5588	DocuCentre-IV C5570/C4470/C3370/C3371/C2270
DocuCentre-VII C7773/C6673/C5573/C4473/C3373/C3372/C2273/ C7788/C6688/C5588	ApeosPort-IV C4430
ApeosPort-V 3065/3060/2060	DocuCentre-IV C4430
DocuCentre-V 3065/3060/2060	DocuCentre-IV C2265/C2263
DocuCentre-V C2265/C2263	DocuCentre-IV C2260
ApeosPort-VI C7771/C6671/C5571/C4471/C3371/C3370/C2271	ApeosPort-IV 7080/6080
DocuCentre-VI C7771/C6671/C5571/C4471/C3371/C3370/C2271	DocuCentre-IV 7080/6080
ApeosPort-V C7776/C6676/C5576/C4476/C3376/C3374/C2276	ApeosPort-IV 5070/4070/3070
DocuCentre-V C7776/C6676/C5576/C4476/C3376/C3374/C2276	DocuCentre-IV 5070/4070
ApeosPort-V C7785/C6685/C5585	ApeosPort -IV 3065/3060/2060
DocuCentre-V C7785/C6685/C5585	DocuCentre-IV 3065/3060/2060
ApeosPort-V C7780 T2/C6680 T2/C5580 T2	ApeosPort-III C3300/C2200/C2201
DocuCentre-V C7780 T2/C6680 T2/C5580 T2	DocuCentre-III C3300/C2200/C2201
ApeosPort-V C7775 T2/C6675 T2/C5575 T2/C4475 T2/C3375 T2/ C3373 T2/C2275 T2	D136
DocuCentre-V C7775 T2/C6675 T2/C5575 T2/C4475 T2/C3375 T2/ C3373 T2/C2275 T2	D125/D110/D95
ApeosPort-V 7080/6080	DocuPrint [®] CM505 da
DocuCentre-V 7080/6080	
ApeosPort-V C7780/C6680/C5580	
DocuCentre-V C7780/C6680/C5580	
ApeosPort-V C7775/C6675/C5575/C4475/C3375/C3373/C2275	
DocuCentre-V C7775/C6675/C5575/C4475/C3375/C3373/C2275	
ApeosPort-IV C7780/C6680/C5580	
DocuCentre-IV C7780/C6680/C5580	
ApeosPort-IV C5575/C4475/C3375/C3373/C2275	

New in This Release

Appendix D: Global Print Driver®

Fuji Xerox Supported Devices (continued)

Devices for Japan*

ApeosPort C7070/C6570/C5570/C4570/C3570/C3070/C2570
ApeosPort C2360/C2060
ApeosPort-VII C7773/C6673/C5573/C4473/C3373/C2273/ C3372/
C7788/C6688/C5588
DocuCentre-VII C7773/C6673/C5573/C4473/C3373/C2273/ C3372/
C7788/C6688/C5588
DocuCentre-V 3060/2060/1060
DocuCentre-V C2263
ApeosPort-VI C7771/C6671/C5571/C4471/C3371/C2271
DocuCentre-VI C7771/C6671/C5571/C4471/C3371/C2271
ApeosPort-V C7776/C6676/C5576/C4476/C3376/C2276
DocuCentre-V C7776/C6676/C5576/C4476/C3376/C2276
ApeosPort-V C7785/C6685/C5585
DocuCentre-V C7785/C6685/C5585
ApeosPort-V C7780 T2/C6680 T2/C5580 T2
DocuCentre-V C7780 T2/C6680 T2/C5580 T2
ApeosPort-V C7775 T2/C6675 T2/C5575 T2/C4475 T2/C3375 T2/ C2275
T2
DocuCentre-V C7775 T2/C6675 T2/C5575 T2/C4475 T2/C3375 T2/
C2275 T2
ApeosPort-V 7080/6080/5080
DocuCentre-V 7080/6080/5080
ApeosPort-V C7780/C6680/C5580
DocuCentre-V C7780/C6680/C5580

ApeosPort-V C7775/C6675/C5575/C4475/C3375/C2275
DocuCentre-V C7775/C6675/C5575/C4475/C3375/C2275
ApeosPort-IV C7780/C6680/C5580
DocuCentre-IV C7780/C6680/C5580
ApeosPort-IV C5575/C4475/C3375/C2275
DocuCentre-IV C5575/C4475/C3375/C2275
ApeosPort-IV C5570/C4470/C3370/C2270
DocuCentre-IV C5570/C4470/C3370/C2270
DocuCentre-IV C2263
DocuCentre-IV C2260
DocuCentre-IV 7080/6080/5080
DocuCentre-IV 4070/3070
D136
D125/ D110/ D90
DocuCentre-IV 3060/2060

New in This Release

* Please contact regional company for support.

Global Print Driver[®] supports the following Fuji Xerox devices in Fuji Xerox ApeosPort Device mode and Fuji Xerox ApeosPort Device F mode.¹

Devices for Asia Pacific region excluding Japan

B9100/B9110/B9125/B9136	DocuCentre-II 7000/6000 DocuCentre-II 5010/4000
DocuPrint CP505 d/CP555 d	DocuCentre-II 3005/2055/2005
DocuPrint P505 d/P508 d	4127/4112
DocuCentre SC2022	Versant 80 Press
Versant 180 Press	Color C70/C60 Press
DocuPrint CP315 dw/CP318 dw	DocuPrint 5105 d DocuCentre SC2020
DocuPrint CM315 z/CM318 z	DocuPrint C5005 d DocuPrint C4350 DocuPrint C3290 FS
DocuPrint P365 d/P368 d	DocuPrint C2255
ApeosPort-V 5070/4070 DocuCentre-V 5070/4070	DocuPrint P355 d/P455 d
ApeosPort-V C3320 DocuPrint CM415 AP	DocuPrint CP405 d DocuPrint CM405 df
ApeosPort-V 4020 DocuPrint M465 AP	DocuPrint M355 df DocuPrint CP305 d DocuPrint CM305 df
ApeosPort-III C7600/C6500/C5500 ApeosPort-III C4400	DocuPrint 3105
DocuCentre-III C7600/C6500/C5500 DocuCentre-III C4400	ApeosPort C2570/C3070/C3570/C4570/C5570/C6570/C7070
DocuCentre-III C4100/C3100	ApeosPort C2060/C2560
DocuCentre-III 3007/2007	ApeosPort-VII 5021/4021
ApeosPort-II C7500/C6500/C5400	ApeosPort-VII C4421/C3321
DocuCentre-II C7500/C6500/C5400	ApeosPort 4570/5570
ApeosPort-II 7000/6000 ApeosPort-II 5010/4000/3000	ApeosPort 2560/3060/3560
	ApeosPort Print C5570
	DocuPrint C3555 d/C2555 d
	DocuPrint C5155 d
	DocuPrint CP475 AP
	DocuPrint P475 AP

New in This Release

¹ ApeosPort Device Mode F mode supports LanFax option.

Global Print Driver[®] supports the following Fuji Xerox devices in Fuji Xerox ApeosPort Device mode and Fuji Xerox ApeosPort Device F mode.¹ (continued)

Devices for Japan²

B9110/B9125/B9136

DocuPrint CP500 d

DocuCentre C2000

Versant 180 Press

DocuPrint CP310 dw/CP210 dw

DocuPrint CM310 z/CM210 z

ApeosPort-V 4070/3070 DocuCentre-V 4070/3070

ApeosPort-V C3320 ApeosPort-V 4020

ApeosPort-III C7600/C6500/C5500 ApeosPort-III C4405

ApeosPort-III C3305/C2205

DocuCentre-III C7600/C6500/C5500 DocuCentre-III C4405

DocuCentre-III C3305/C2205

ApeosPort-III 7000/6000/5000 ApeosPort-III 4000/3010

DocuCentre-III 7000/6000/5000 DocuCentre-III 4000/3010

ApeosPort-II C4300/C3300/C2200

DocuCentre-II C4300/C3300/C2200

Versant 80 Press

DocuPrint 5100 d DocuCentre SC2021

DocuPrint C5000 d/C4000 d DocuPrint C3360 DocuPrint C3350

DocuPrint C2450/C3450

DocuPrint 5060/4060 DocuPrint 4050 DocuPrint 3100/3000

DocuPrint P450 ps/P450 d

ApeosPort-VII C4421

DocuPrint C3550 d/C2550 d

DocuPrint C5150 d/C4150 d

ApeosPort-VII C4422/C3322 ApeosPort-VII CP4422/CP3322

ApeosPort-VII 5022 ApeosPort-VII P4022 ApeosPort

C7070/C6570/C5570/C4570/C3570/C3070/C2570 ApeosPort

C2360/C2060 ApeosPort 4570/3570 ApeosPort 3060/2560/1860

ApeosPort Print C5570/C4570

New in This Release

¹ ApeosPort Device Mode F mode supports LanFax option.

² Please contact regional company for support.

Appendix E: Additional Resources

For help installing the Global Print Driver, refer to the installation guide found on the Xerox® Global Print Driver documentation page at

<http://www.support.xerox.com/support/global-printer-driver/documentation/enus.html>

For a detailed comparison of what the different Xerox® print drivers offer, see Xerox® Print Driver Comparison Options that fit your deployment needs at <http://www.office.xerox.com/latest/SFTFS-16U.pdf>.

For additional information regarding XML configuration, see XML Configuration Editor for Print Drivers Customer Tip available online at <http://www.office.xerox.com/latest/SFTHT-01U.pdf>

To learn more, visit us at www.xerox.com/global (Xerox® Global Print Driver®) and www.office.xerox.com/software-solutions/xerox-pull-print-driver/enus.html (Xerox® Pull Print Driver).