

Xerox® Device and Data Security Quick Reference Guide

Version 2.0 (July 2025)



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1. Introduction

Purpose

This document consolidates the information from multiple product security guides and whitepapers to provide a quick reference for Transport Layer Security (TLS), Data Storage, and Data at Rest support. Links within the data tables are provided for quick access to security documentation.

Disclaimer

The content of this document is provided for information purposes only. Performance of the products referenced herein is exclusively subject to the applicable Xerox Corporation terms and conditions of sale and/or lease. Nothing stated in this document constitutes the establishment of any additional agreement or binding obligations between Xerox Corporation and any third party.

2. Transport Layer Security (TLS)

Xerox single function printers and multifunction printers use the Transport Layer Security (TLS) cryptographic protocol to provide end-to-end network security for communications between the device and other nodes on the network, whether those nodes are other devices, servers, PCs, web browsers, etc. There are several versions of this protocol, and the version used is negotiated between the server and the Xerox device. In general, this means the highest version that both the Xerox device and the IT product interfacing with the Xerox device support will be used but this may not always be the case. It is possible to disable a lower version by configuration changes at the Xerox device. This document includes **Product Support Tables** of currently supported TLS versions by the various Xerox devices.

NOTE: TLS1.0 and TLS1.1 are deprecated and considered unsecure. Xerox recommends using TLS1.2 or higher.

NOTE: This information is valid for the latest available Software for each product. Xerox will update this document as changes are made to products. If you wish to have a specific TLS version supported by a Xerox device, please contact Xerox Customer Support.

Xerox product families may include print engines, print servers, applications, and software solutions.

3. Data Storage Security

Introduction

Xerox® Copiers, printers and multifunction products, are devices that contain an internal computer and the necessary software that allows them to accomplish the many productivity-enhancing tasks that have become so valuable to today's workplace. These internal computers may have a disk drive or other non-volatile storage where image data may be temporarily written during processing. Additionally, image data may be stored for later reprinting on some models. From the introduction of the first digital products, Xerox has recognized the risk of retained data being inappropriately recovered from non-volatile storage and has built in features and countermeasures in its products to help customers safeguard their image data.

This section will cover the encryption method used by Xerox® Products for data storage at rest in Hard Disk Drives (HDDs) and Solid-State Drives (SSDs). It will also explain the image-overwrite options available for HDDs and the associated algorithms used. The Product Support Tables detail available data storage methods and product support for image-overwrite and encryption.

References to supporting documents and information are provided to further your understanding of how Xerox® Products protect customer image data.

Note: For further information, please consult [Product Security Guides](#) which can be accessed by clicking the Product Name within the tables.

Encryption

Hard Disk Drive (HDD) Overwrite functionality was developed to ensure security of image data on HDDs prior to the widespread use of encryption. Today, strong encryption methods are extremely effective in protecting image data from unauthorized disclosure. Its use with Image Overwrite functionality, however, is complimentary additional security for customers who have come to depend on Image Overwrite and consider it a required feature.

Xerox® Products use Advanced Encryption Standard (AES) 256-bit encryption for HDD and SSD storage. In some Xerox® Products, encryption is always enabled and cannot be disabled. Please refer to your product's Security Guide for more information (links are provided in the [Product Support Tables](#)).

In case there is a question about how secure AES encryption is consider the following:

AES is among the strongest encryption commercially available and is the standard used by many government agencies including the military and NSA to name a few. Using a 256-bit key offers 2^{256} possible key combinations. The fastest computers in the world using a brute force¹ attack to try all combinations would take millions of years to crack AES encryption. As such, AES encryption is computationally infeasible to crack and is considered quantum computing resistant through 2050.

What this means for customers is that even without the use of image overwrite, image data stored on an AES encrypted HDD or SSD is extremely secure. If image data on the drive is somehow accessed, it is undecipherable and it will remain in that state unless it is decrypted with the corresponding encryption key.

ENCRIPTING DATA AND 'THROWING AWAY' KEYS

If you have encrypted the data on the data carrier or device, it is sufficient to securely delete all keys. This method offers reliable protection against unauthorized recovery, provided the key has actually been deleted and not just marked as deleted

Xerox Products manage encryption keys in accordance with the [NIST Special Publication 800-57 Recommendation for Key Management](#).

Xerox® Products use Advanced Encryption Standard (AES) 256-bit encryption for HDD and SSD storage. The key used for AES encryption is not stored in the TPM. The TPM module stores the

¹ Brute Force attacks try all possible combinations of letters, numbers and special characters to "guess" a password.

passphrase from which the device generates the disk encryption key (AES256). The passphrase is unique for each device. All keys residing on field-replaceable non-volatile memory are encrypted.

Using the “erase all customer data feature” will permanently remove all jobs, customer configurations, and data. The device IP address options are also reset to factory default, which typically changes the device IP address. The device executes this by an overwrite procedure consisting of a fixed hex pattern.

TPM PRIVATE KEY STORAGE

All Xerox® Products use a secure encryption key storage method. It should also be noted that encryption key storage protection is an extremely important aspect of encryption. This section highlights the use of the Trusted Platform Module (TPM) for key storage specifically. AltaLink®, PrimeLink®, and VersaLink® products use a TPM module for private key storage on the system which is managed in compliance with [NIST Special Publication 800-57 Recommendation for Key Management](#). This includes keying material in transition and at rest. An onboard TPM module (v2.0) compliant with [ISO/IEC 11889](#) is used in support of private key management. Please consult the [Security Guide](#) for your specific model for more information on the use of a TPM or encryption key storage

Image Overwrite

IMAGE OVERWRITE³ METHODS AND ALGORITHM (HDDS ONLY)

Image data may be written to nonvolatile memory (e.g. to a hard drive) during processing. Image overwrite is effective at eliminating the encrypted image data from the hard drive once the image data is no longer needed. For customers that want additional peace of mind (or have regulatory requirements that mandate) even though image data on an encrypted drive is not recoverable, another level of security can be applied by using Image Overwrite.

IMMEDIATE IMAGE OVERWRITE (IIO) AND ON-DEMAND IMAGE OVERWRITE (ODIO)

When enabled, IIO will overwrite any temporary files created on the magnetic hard disk that may contain user data. This process may be performed at the end of a job, where it will overwrite the files used for that job. When enabled IIO will overwrite and remove any remnants and temporary files of all print, copy, scan, and fax jobs from the image disk as soon as the job finishes processing.

Complementing IIO is ODIO. While IIO overwrites individual files, ODIO overwrites entire partitions. The ODIO feature can be invoked at any time and optionally may be scheduled to run automatically. Please consult your product specific System Administrator Guide to see what Image Overwrite features are available. See below for more details on both overwrite methods.

1. The process used for IIO to overwrite data in AltaLink®, ConnectKey®, PrimeLink®, and VersaLink® products complies with [NIST SP.800-88-r1 Purge option 1a2](#). This process meets or exceeds the requirements of the Clear function. For AltaLink® and WorkCentre® products specifically, the process also complies with [DOD NISPOM 5220.22-M](#) section 8-3013.
2. ODIO may also be referred to as a Full or Standard Image Overwrite and goes beyond an IIO. Xerox recommends that customers enable IIO which occurs after each job and schedule an ODIO at low usage hours to remove Image data such as Secure Print jobs that may not have been retrieved by users daily. This is a very secure option that requires no additional effort and is easily implemented. Please refer to the product specific System Administrator Guide (SAG) and Security Guide for more information.

Note: For security of SSD drives “Job Data Removal” is being introduced starting with AltaLink® C81xx/B81xx. Xerox now provides customers with SSD data storage products with the ability to clean up the disk by purging image data (not an overwrite) using the same interface as ODIO available with HDD configuration.

Please see the section below titled [Data Protection: Solid State Drives and Data at Rest](#) as well as consulting your model’s Security Guide.

² [NIST Special Publication 800-88r1](#)

³ [DOD NISPOM 5220-22-M](#)

DETAILED IMAGE OVERWRITE PROCESS

1. When the overwrite operation is started⁴, a start indication is recorded in the audit log.
2. This process is executed on multiple partitions, depending on the type of overwrite enabled.
3. A single pattern is written to the entire partition.
4. The inverse of the pattern above (ones-complement) is written to the entire partition.
5. A unique new pattern is then written to the entire partition up to 7 passes.
6. Starting at a random starting position, 10% of the partition is sampled for the occurrence of the last pattern. The 10% block is continuous.
7. If the sample check fails, then the operation terminates, and indicates a failed condition via a persistent message on the device user interface. When the device restarts, this message persists until an overwrite procedure is repeated⁵. A failed indication will be recorded in the audit log.
8. If the sample succeeds, then the next partition in the list is used, and the process repeats at step 3.
9. When all the partitions in the list have completed, a “success” is recorded, and the device is rebooted.
10. After the reboot, the device may print a confirmation sheet, if it was enabled.
11. The success or failure of the process is recorded in the audit log.

HARD DRIVE/SOLID STATE DRIVE RETENTION OFFERING

The **Hard Drive Retention Offering** is a service that can be requested by a customer who wants to retain their HDD or SSD for security reasons. A Xerox technician will remove the drive and leave it with the customer. Contact Xerox Customer Support for information on fees and availability in your geography.

IMAGE OVERWRITE CONSIDERATIONS

- Not all products have HDDs.
- Some products have HDDs, but do not use the hard disk drive to save image data
- Image overwrite features are available for hard drive equipped products only and are not applicable to Solid-State nonvolatile memory (SSD), SD (Secure Digital), IC (Integrated Chip) or eMMC (embedded multi-Media Card) storage methods. Please be sure to reference the Security Guide, or if an older product, the Information Assurance Disclosure (IAD) or Statement of Volatility (SOV) document of your product for information on data security
- Image overwrite features may be available as Full or Standard. Consult your product Security Guide or System Administrator Guide for the specific available overwrite features of your Xerox Product.

Note: Please see the whitepaper **Equipment Returns & Hard Drive Retention Offering for Xerox® Products in the United States** for information on equipment returned to Xerox.

OTHER IMPORTANT INFORMATION

Security related information, including **Security Bulletins**⁶, patch information, US-CERT advisory updates and white papers which focus on security and the mitigation of security risks can be found on the **Product Security website**.

Xerox also provides detailed information about internal product workflows and key security features now contained in product Security Guides (formerly Information Assurance Disclosure documents and Statements of Volatility) which are available for all currently supported products. Security Guides have expanded information on the various product security features. We suggest you consult these publications for more complete information on how your specific Xerox® Product secures your information.

For Production equipment that requires a print server, data storage security information for the associated Fiery® or FFPS® Digital Front End (DFE) should be referenced.

⁴ Compliant to NIST SP.800-88r1

⁵ For VersaLink® models Image Overwrite will automatically resume when the device restarts.

⁶ Please be sure to sign up for RSS feeds on the **Product Security page**.

4. Data Protection Solid State Drives at Rest

Xerox® Products and Storage Media

Xerox® single and multi-function products are devices that contain an internal computer and the necessary software that allows them to accomplish the many productivity-enhancing tasks required in today's workplace. These internal computers may have conventional disk drives (HDD), solid-state drives (SSD), secure digital cards (SD) or other non-volatile storage where job image data may be temporarily written during processing. Some Xerox® products may support a combination of these components.

From the introduction of the first digital products, Xerox® recognized the risk of retained data being inappropriately discovered from non-volatile memory and has built protections into the devices to help safeguard this data.

Benefits of SSD Technology

As solid-state technology has become more sophisticated and cost effective, certain Xerox® products are now taking advantage of their benefits. Solid State Drives (SSDs) are mass storage devices that use NAND based Flash memory instead of the spinning magnetic media disks used in conventional, earlier technology drives. SSDs are much more energy efficient, transfer data faster, and, as there are no moving parts, are not susceptible to mechanical issues. Faster drive performance means reduced device start times, enhanced data handling, and faster response which improves end user productivity.

Data Protection

Xerox® products use solid-state memory to temporarily store (buffer) user document data for print, scan, email, fax, and certain copy operations. Unless specifically stored for future reuse by the user (Print with Saved Job type, Scan-To Mailbox, Fax Mailbox, etc.), it then releases this temporary data at the completion of the operation. To protect data stored in the solid-state memory, Advanced Encryption Standard (AES) encryption is employed, using a 256-bit encryption key.

AES is among the strongest encryption commercially available and is the standard used by many government agencies including the military and NSA to name a few. Using a 256-bit key offers 2^{256} possible key combinations. The fastest computers in the world using a brute force⁷ attack to try all combinations would take millions of years to crack AES encryption. As such, AES encryption is computationally infeasible to crack and is considered quantum computing resistant through 2050.

What this means for customers is that even without the use of image overwrite, image data stored on an AES encrypted SSD is extremely secure. If image data on the drive is somehow accessed, it is undecipherable and it will remain in that state unless it is decrypted with the corresponding encryption key.

Encryption keys are never stored on the encrypted drive, so any memory elements on an SSD removed from a Xerox® product are strongly protected.

Performance Features

How SSDs provide Enhanced Performance Prompt response to commands is critical to user efficiency. Maintaining responsive memory performance is, therefore, an important consideration. The solid-state devices used in Xerox® products employ two important features to maintain performance at a peak level: TRIM and Garbage Collection.

To understand these features, it is necessary to understand that data is stored in memory 'pages'. A number of 'pages' make up a data 'block'. While solid-state memory permits writing data by 'page', it does not permit erasing at the page level.

⁷ Brute Force attacks try all possible combinations of letters, numbers and special characters to "guess" a password.

TRIM

The first feature is called TRIM. This is an operation which marks data pages as deleted when they are no longer needed and are therefore free to contain new data. TRIM is done automatically during periods when the solid-state memory is not actively being used. Making these deletes in the background maintains the memory at peak operating speed.

The “Trim Command” is a storage computing term as opposed to a protocol command. Its purpose is to “notify” a device that the data pages are no longer needed. Each protocol and OEM can implement this differently and in many cases, there is not necessarily a requirement for the device to take any actions.

For example:

- SATA specification is implemented as ‘DATA SET MANAGEMENT’ command function which has a ‘trim bit’ that can be set to 1 to indicate a trim operation is being “requested” on the LBAs addressed by the DATA SET MANAGEMENT command.
- NVME specification is a DEALLOCATE command.
- eMMC specification its SD erase / DISCARD command

NOTE: The terms “requesting” and “notifying” do not necessarily mean there will be any action.

On an SSD, when a memory page is marked as free it is completely erased. TRIM is the SSD equivalent of IIO/ODIO on an HDD. IIO/ODIO erases large numbers of disk pages, while TRIM erases one SSD page at a time. Due to TRIM capabilities, SSDs don't need IIO/ODIO.

There are three (3) levels of SATA TRIM operation implementations of which 1 and 3 are the most widely used:

1. Basic SSD: Non-deterministic read of the LBA after trim behavior.
 - a. Non-deterministic data here can be the original data. This means nothing was done.
 - b. At some point the data read may “change” depending on garbage collection and erasing of the pages.
 - c. Data may be still present a long time after deletion for either OS access or direct physical access
 - d. Writing to block only causes the new data to be returned. The original data may still be present in physical flash.
2. Deterministic read after trim behavior with data set to any value.
 - a. Will always return the same value. Typically, all 0x00 or all 0xFF
 - b. Reading LBA will return default data unto written-to.
 - c. Data may be still present a long time after deletion for either OS access or direct physical access.
3. Higher Quality SSD: Shall cause deterministic read after trim behavior with data cleared to zero
 - a. Data in block is immediately set to all 0x00.
 - b. Data is wiped out (unless original data was all 0x00).
 - c. Physical flash block is wiped out.

GARBAGE COLLECTION

The second feature is called Garbage Collection. When enough pages are deleted by TRIM, Garbage Collection allows entire ‘blocks’ of memory to be erased as a group. This process is also done in the background which serves to minimize and balance wear on the solid-state memory elements.

JOB DATA REMOVAL

The Xerox® AltaLink® B81xx, C81xx, EC81xx, device administrator can also initiate a feature called ‘Job Data Removal’, accessible via the local or web user interface ‘on demand’, or on a ‘scheduled’ basis.

When initiated, this feature can delete either temporary files (associated with normal print, scan fax operations) using the ‘standard’ setting, or temporary files and files specifically stored for later use by the user (e.g. Print with Saved Job type, Scan to Mailbox, Fax Mailbox, etc.).

These features make it extremely difficult to discover any encrypted data that has been buffered or stored to the solid-state drive. It should be noted however that because the drive is encrypted such data would be unreadable due to security of AES 256-bit encryption.

5. Department of Defense (DoD) and Secure Environment Support

Overview

Xerox offers a broad range of products, programs, supplies and services to our valued federal government customers as well as a full line of printers and MFPs that meet common compliance requirements of the Federal Government. To find Xerox products that meet your requirements, select one of the links below

- [US Trade Agreement Act \(TAA\)](#)
- [ENERGY STAR \(TEC\)](#)
- [Section 508 Accessibility](#)
- [Common Criteria Certified](#)
- [Common Access Card \(CAC\) authentication](#)

Xerox Trade Agreement Act (TAA) Compliant Products

Xerox offers a full line of printers and MFPs compliant with the US Trade Agreement Act (TAA), a mandatory requirement of all GSA contract procurements. [See TAA compliant products](#)

NOTE: TAA compliant configurations denote that the country of origin for the specified configuration of that printer, MFP or fax machine, complies with the requirements of the [US Trade Agreements Act \(TAA\)](#).

Xerox Federal Resellers

Qualifying entities can purchase Xerox products on Schedule 70 through Xerox GSA Schedule holder partners:

- [CDWG](#) Phone # 703-621-8232 Contract 47QTCA18D004K, GS-35F-0085U, 47QTCA21A0025
- [GovConnection](#) Phone # 301-340-3416 Contract #47QTCA19D00LP
- [CTI](#) Phone # 301-545-2086 Contract #GS-03F-0151X
- [JTF](#) Phone # 703-658-2000 Contract # GS-03F0182V, GS-35F-232AA
- [En-Net Services](#) Phone # 301-846-9901 Contract #47QTCA19D003V
- [CounterTrade Products, Inc.](#) Phone # 303-424-9710 Contract #47QTCA18D008H

Xerox Federal Sales Contacts

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240-651-4644
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- Kim Semones, Federal Area Sales Director
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703-628-6404

6. Product Support Tables

AltaLink Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC,SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption Supported |
|--|----------|----------|---------|---------|-------|------------|---------|---------------------|---------------------------|--|----------------------|
| AltaLink B8045/B8055/B8065/B8075/B8090 | √ | √ | √ | X | 140-2 | Yes*^ | N/A | SD | HDD: Yes | HDD: On Demand and Scheduled Image Overwrite | AES256 |
| AltaLink B8100 Series | √ | √ | √ | √ | 140-3 | Optional*^ | SSD | N/A | SSD: N/A HDD: Yes | SSD: Data Purge Optional HDD: On Demand and Scheduled Image Overwrite | AES256 |
| AltaLink B8200 Series | √ | √ | √ | √ | 140-3 | Optional*^ | SSD | N/A | SSD: N/A HDD: Yes | SSD: Data Purge Optional HDD: On Demand and Scheduled Image Overwrite | AES256 |
| AltaLink C8030/8035/8045/8055/8070 | √ | √ | √ | X | 140-2 | Yes*^ | N/A | SD | SSD: N/A HDD: Yes | HDD: On Demand and Scheduled Image Overwrite | AES256 |
| AltaLink C8100 Series | √ | √ | √ | √ | 140-3 | Optional*^ | SSD | N/A | SSD: N/A HDD: Yes | SSD: Data Purge Optional HDD: On Demand and Scheduled Image Overwrite | AES256 |
| AltaLink C8200 Series | √ | √ | √ | √ | 140-3 | Optional*^ | SSD | N/A | SSD: N/A HDD: Yes | SSD: Data Purge Optional HDD: On Demand and Scheduled Image Overwrite | AES256 |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

^ Compliant with NIST 800-171: Overwrite Support

B Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|-----------------------|----------|----------|---------|---------|-------|-----------|---------|----------------------|---------------------------|---|------------|
| Xerox B1022/B1025 MFP | √ | √ | √ | X | 140-2 | No | No | N/A | N/A | N/A | N/A |
| Xerox B205 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B210 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B215 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B225 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B230 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B235 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B305 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B310 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B315 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox B410 | √ | √ | √ | √ | 140-2 | Optional^ | No | IC | No | Clear via Diagnostic Procedure | Yes |

^ Compliant with NIST 800-171: Overwrite Support

C Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|----------------|----------|----------|---------|---------|-------|-----|---------|----------------------|---------------------------|---|------------|
| Xerox C230 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox C235 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox C310 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox C315 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox C320 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |
| Xerox C325 | √ | √ | √ | √ | 140-2 | No | N/A | N/A | N/A | N/A | N/A |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|----------------|----------|----------|---------|---------|-------|-----------|---------|----------------------|---------------------------|--|------------|
| Xerox C410 | √ | √ | √ | √ | 140-2 | Optional^ | No | IC | Optional HDD Yes | Optional HDD: Yes IC: Clear via Diagnostic Procedure | Yes |

^ Compliant with NIST 800-171: Overwrite Support

D Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|----------------------|----------|----------|---------|---------|-------|-------|---------|----------------------|---------------------------|---|------------|
| Xerox D136 | √ | √ | √ | X | 140-2 | Yes*^ | No | N/A | Yes | Yes | Yes |
| Xerox D951/D110/D125 | √ | √ | √ | X | 140-2 | Yes*^ | No | N/A | Yes | Yes | Yes |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

^ Compliant with NIST 800-171: Overwrite Support

Nuvera

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|--------------------------|----------|----------|---------|---------|-------|-----|---------|----------------------|---------------------------|---|------------|
| Xerox Nuvera 120/144/157 | √ | √ | √ | | 140-2 | | | | See Print Server Table | | |
| Xerox Nuvera 288/314 | √ | √ | √ | | 140-2 | | | | See Print Server Table | | |

Phaser

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|----------------|----------|----------|---------|---------|-------|------------|---------|----------------------|---------------------------|---|------------|
| Phaser 3330 | √ | √ | √ | | 140-2 | No | No | N/A | N/A | N/A | N/A |
| Phaser 3610 | √ | √ | √ | | 140-2 | No | No | Optional SD Card | N/A | Invoke Clear Storage | No |
| Phaser 5550 | √ | √ | √ | | 140-2 | Optional** | N/A | N/A | No | Optional HDD: Yes | No |
| Phaser 6510 | √ | √ | √ | | 140-2 | No | No | eMMC ⁸ | N/A | N/A | N/A |
| Phaser 6600 | √ | √ | √ | | 140-2 | No | No | N/A | N/A | N/A | N/A |
| Phaser 6700 | √ | √ | √ | | 140-2 | No | No | SD Card | N/A | Diagnostics | N/A |
| Phaser 7100 | √ | √ | √ | | 140-2 | No | No | SD Card | N/A | Diagnostics | N/A |

** Compliant with US DoD Directive 5200.28-M

PrimeLink Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|------------------------------|----------|----------|---------|---------|-------|-------|---------|----------------------|---------------------------|---|------------|
| Xerox PrimeLink B9100 Series | √ | √ | √ | √ | 140-3 | Yes*^ | N/A | N/A | Yes | Yes | AES256 |
| Xerox PrimeLink C9065/C9070 | √ | √ | √ | √ | 140-3 | Yes*^ | N/A | N/A | Yes | Yes | AES256 |
| Xerox PrimeLink C9200 Series | √ | √ | √ | √ | 140-3 | Yes*^ | N/A | N/A | Yes | Yes | AES256 |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

^ Compliant with NIST 800-171: Overwrite Support

⁸ Embedded Multi-Media Controller consists of flash memory and a flash memory controller in one component.

Print Kiosk

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|---------------------|----------|----------|---------|---------|-------|------|---------|----------------------|---------------------------|---|------------|
| Instant Print Kiosk | √ | √ | √ | | 140-2 | Yes* | N/A | N/A | Yes | Yes | AES256 |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

Print Servers

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|---------------------------------------|----------|----------|---------|---------|-------|------|---------|----------------------|---------------------------|---|------------|
| Xerox EX C9200 Series Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX-i C9200 Series Print Servers | √ | √ | √ | √ | 140-2 | N/A | Yes | N/A | N/A | N/A | Yes |
| Xerox EX C9065/C9070 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX-i C9065/C9070 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox /EX-c C9065/C9070 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX-P 6 Print Server | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX-P 5 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|------------------------------------|----------|----------|---------|---------|-------|------|-------------|----------------------------|------------------------------|---|------------|
| Xerox EX-c AltaLink Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX C60/C70 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX-i C60/C70 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX 180 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX-i 180 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX 280 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX-i 280 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX-P 4100 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX 4100 Print Servers | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX B9100 Series Print Server | √ | √ | √ | √ | 140-2 | Yes* | Yes | N/A | Yes | Yes | Yes |
| Xerox EX II Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| iGen 150 EX-P | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX-P 3100 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox EX 3100 Print Server | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|---|----------|----------|---------|---------|-------|------|-------------|----------------------------|------------------------------|---|------------|
| Xerox FFPS v2 for Baltoro HF Inkjet | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS v2 for Brenva HD Inkjet | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for iGen5 | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for iGen 150 | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Nuvera FFPS Model 4A/13.X & Model 4B/14.X Solaris 11.3 & 11.4" | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for V3100 | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for V180 | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for C60/C70 | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |
| Xerox FFPS for D- Series Solaris 10 & 11.4" | √ | √ | √ | √ | 140-2 | Yes* | N/A | N/A | Yes | Yes | Yes |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

Printing Presses

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TL S 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|--------------------------|----------|----------|---------|----------------|-------|------|----------|----------------------------|---------------------------------|---|------------|
| Xerox Baltoro HF | √ | √ | √ | X | 140–2 | Yes* | | | | See Print Server Table | |
| Xerox Brenva HD | √ | √ | √ | X | 140–2 | Yes | | | | See Print Server Table | |
| Xerox Iridesse | √ | √ | √ | X | 140–2 | Yes | | | | See Print Server Table | |
| Xerox iGen 150 | √ | √ | √ | X | 140–2 | Yes | | | | See Print Server Table | |
| Xerox iGen 5 | √ | √ | √ | X | 140–2 | Yes | | | | See Print Server Table | |
| Xerox Versant 180 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Versant 280 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Versant 3100 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Versant 4100 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Nuvera 120/144/157 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Nuvera 288/314 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Nuvera 120/144/157 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |
| Xerox Nuvera 288/314 | √ | √ | √ | X | 140-2 | Yes | | | | See Print Server Table | |

* Conforms to the National Institute of Standards and Technology (NIST) SP800-88 specification, and U.S. Department of Defense Directive 5220.22-M

VersaLink

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|---------------------|----------|----------|---------|---------|-------|-----------|-------------|----------------------------|---------------------------------|--|------------|
| VersaLink B400 | √ | √ | √ | √ | 140-2 | No | Optional | IC | No | Clear via Diagnostic Procedure | AES256 |
| VersaLink B405 | √ | √ | √ | √ | 140-2 | No | Optional | IC | No | Clear via Diagnostic Procedure | AES256 |
| VersaLink B415 | √ | √ | √ | √ | 140-3 | Yes* | Optional | eMMC | Yes | Clear via Diagnostic Procedure | AES256 |
| VersaLink B600/B610 | √ | √ | √ | √ | 140-2 | Optional* | Optional | IC | Yes | Clear via Diagnostic Procedure | AES256 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|-----------------------------|----------|----------|---------|---------|-------|-----------|-------------|----------------------------|---------------------------------|--|------------|
| VersaLink B605/B615 | √ | √ | √ | √ | 140-2 | Optional* | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink B620 | √ | √ | √ | √ | 140-3 | Optional* | N/A | eMMC | Yes^^ | Factory Reset | AES256 |
| VersaLink B625 | √ | √ | √ | √ | 140-3 | Optional* | N/A | eMMC | Yes^^ | Factory Reset | AES256 |
| VersaLink B7025/B7030/B7035 | √ | √ | √ | X | 140-2 | Optional* | N/A | SD | Yes^^ | Factory Reset | AES256 |
| VersaLink B7125/B7130/B7135 | √ | √ | √ | √ | 140-2 | Optional* | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C400 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C405 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C415 | √ | √ | √ | √ | 140-3 | Optional^ | N/A | eMMC | Yes^^ | Factory Reset | AES256 |
| VersaLink C500 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C505 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C600 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C605 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C620 | √ | √ | √ | √ | 140-3 | Yes* | N/A | eMMC | Yes | Factory Reset | AES256 |
| VersaLink C625 | √ | √ | √ | √ | 140-3 | Yes* | N/A | eMMC | Yes | Factory Reset | AES256 |
| VersaLink C7000 | √ | √ | √ | X | 140-2 | Optional^ | N/A | SD | Yes^^ | Factory Reset | AES256 |
| VersaLink C7020/C7025/C7030 | √ | √ | √ | X | 140-2 | Optional^ | N/A | SD | Yes^^ | Factory Reset | AES256 |
| VersaLink C7120/C7125/C7130 | √ | √ | √ | √ | 140-2 | Optional^ | N/A | eMMC** | Yes^^ | Factory Reset | AES256 |
| VersaLink C8000 | √ | √ | √ | X | 140-2 | Optional^ | N/A | SD | Yes^^ | Factory Reset | AES256 |
| VersaLink C8000W | √ | √ | √ | X | 140-2 | Optional^ | N/A | SD | Yes^^ | Factory Reset | AES256 |
| VersaLink C9000 | √ | √ | √ | X | 140-2 | Optional^ | N/A | SD | Yes^^ | Factory Reset | AES256 |

* Compliant with NIST Special Publication 800-88 Rev1: Guidelines for Media Sanitization

** Removeable (not replaceable)

^ Compliant with NIST 800-171: Overwrite Support

^^ Magnetic Hard Drives (HDD) Only (Trim and Job Data Removal for eMMC)

WorkCentre

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | FIPS | HDD | SSD/ SSM | IC, SD Card or Other | Immediate Image Overwrite | On Demand Image Overwrite (Y/N) Or Process to Clear | Encryption |
|--------------------------|----------|----------|---------|---------|-------|-----|-------------|-------------------------------|---------------------------------|--|------------|
| WorkCentre 3335/3345 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre 3655 | √ | √ | √ | X | 140–2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre 6515 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre 6605 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre 6655 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre 5945/5955 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |
| WorkCentre EC7836/EC7856 | √ | √ | √ | X | 140-2 | N/A | N/A | N/A | N/A | N/A | AES256 |

7. Additional Information and Resources

Security @ Xerox®

Xerox maintains an evergreen public web page that contains the latest security information pertaining to its products. Please see <https://www.xerox.com/security>

Responses to Known Vulnerabilities

Xerox has created a document which details the Xerox Vulnerability Management and Disclosure Policy used in discovery and remediation of vulnerabilities in Xerox software and hardware. It can be downloaded from this page: <https://www.xerox.com/information-security/information-security-articles-whitepapers/enus.html>

Additional Resources

Below are additional resources.

| Security Resource | URL |
|---|---|
| Frequently Asked Security Questions | https://www.xerox.com/en-us/information-security/frequently-asked-questions |
| Common Criteria Certified Products | https://security.business.xerox.com/en-us/documents/common-criteria/ |
| Current Software Release Quick Lookup Table | https://www.xerox.com/security |
| Bulletins, Advisories, and Security Updates | https://www.xerox.com/security |
| Security News Archive | https://security.business.xerox.com/en-us/news/ |
| Xerox Zero Trust Center | https://www.xerox.com/en-us/about/security-solutions/zero-trust-security |
| Xerox Hard Drive Retention Policy | https://security.business.xerox.com/wp-content/uploads/2024/04/USA-Equipment-Return-Hard-Drive-Removal-April-2024.pdf |

8. Appendix A: End of Life/End of Support Legacy Products

The following products have reached End of Life (EOL) and End of Support (EOS) and are no longer receiving security or software updates.

If you are still using these older systems, Xerox recommends upgrading to a more current product family. Contact sales here: <https://www.test.accounts.xerox.com/account/contactXeroxSales.jsf>

4000 Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|--|----------|----------|---------|---------|----------|
| Xerox 4110 C/P | √ | √ | | | 12/31/18 |
| Xerox 4110 EPS | √ | √ | | | 12/31/18 |
| Xerox 4110 | √ | √ | | | 12/31/18 |
| Xerox 4112/4127 C/P | √ | √ | | | 12/31/18 |
| Xerox 4112/4127 EPS | √ | √ | | | 12/31/18 |
| Xerox 4590 Copier | √ | √ | | | 12/31/18 |
| Xerox 4590 Copier/Printer | √ | √ | | | 12/31/18 |
| Xerox 4590 EPS | √ | √ | | | 12/31/18 |
| Xerox 4595 CP with FreeFlow Print Server | √ | √ | | | 12/31/18 |

Miscellaneous

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|----------------------------------|----------|----------|---------|---------|-----|
| 4135 Printing System | √ | √ | | | |
| 4635 MX Printer | √ | √ | | | |
| 650/1300 Continuous Feed Printer | √ | | | | |

ColorQube Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|--------------------------|----------|----------|---------|---------|----------|
| ColorQube 8570 | √ | √ | √ | | 12/31/21 |
| ColorQube 8580 | √ | √ | √ | | 12/31/22 |
| ColorQube 8700 | √ | √ | √ | | 12/31/21 |
| ColorQube 8870 | √ | √ | √ | | 12/31/21 |
| ColorQube 8880 | √ | √ | √ | | 12/31/22 |
| ColorQube 8900 | √ | √ | √ | | 12/31/21 |
| ColorQube 9201/9202/9203 | √ | | | | 12/31/20 |
| ColorQube 9301/9302/9303 | √ | √ | √ | | 12/31/20 |

Color Presses

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|--------------------------|----------|----------|---------|---------|----------|
| Color 800/1000 Presses | √ | √ | √ | | 12/31/22 |
| Color 800i/1000i Presses | √ | √ | √ | | 12/31/22 |
| Xerox 700i/700 | | | | | 12/31/18 |
| Xerox 770 | | | | | 12/31/18 |
| Xerox C75 | √ | √ | √ | | 12/31/22 |
| Xerox Color 550/560/570 | √ | √ | √ | | 12/31/22 |
| Xerox Color 8250 | √ | √ | √ | | 12/31/22 |
| Xerox Color C60/C70 | √ | √ | √ | | 12/31/15 |
| Xerox J75 | √ | √ | √ | | 12/31/22 |

CopyCentre Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-------------------------------------|----------|----------|---------|---------|----------|
| CopyCentre 232/238 | | | | | 12/31/18 |
| CopyCentre 245/255 | | | | | 12/31/18 |
| CopyCentre 265/275 | | | | | 12/31/18 |
| CopyCentre C20 | | | | | 12/31/16 |
| CopyCentre C2128/C2636/C3535 | | | | | 12/31/16 |
| CopyCentre C32 Color Digital Copier | | | | | 12/31/16 |
| CopyCentre C40 Color Digital Copier | | | | | 12/31/16 |
| CopyCentre C65 Digital Copier | | | | | 12/31/16 |
| CopyCentre C75 Digital Copier | | | | | 12/31/16 |
| CopyCentre C90 Digital Copier | | | | | 12/31/16 |

DocuColor Series

| Xerox Products (Alphabetical Order) | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-------------------------------------|----------|----------|---------|---------|----------|
| DocuColor 12 | | | | | 7/2/16 |
| DocuColor 240/250 | | | | | 12/31/18 |
| DocuColor 242/253/260 | | | | | 12/31/18 |
| DocuColor 3535 | | | | | 12/31/16 |
| DocuColor 5000/5000AP | | | | | 12/31/18 |
| DocuColor 6060 | | | | | 12/31/15 |
| DocuColor 7000/8000 | | | | | 12/31/20 |
| DocuColor 7002/8002 | | | | | 12/31/20 |
| DocuColor 8000AP | | | | | 12/31/20 |
| DocuColor 8080 | | | | | 12/31/20 |

| Xerox Products (Alphabetical Order) | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-------------------------------------|----------|----------|---------|---------|----------|
| Fiery/FreeFlow for all DocuColor | | | | | 12/31/16 |

Document Centre Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-----------------------------------|----------|----------|---------|---------|----------|
| Document Centre 220ST | | | | | 12/31/14 |
| Document Centre 230 Laser Printer | | | | | 12/31/14 |
| Document Centre 230ST | | | | | 12/31/14 |
| Document Centre 240ST | | | | | 12/31/14 |
| Document Centre 255ST | | | | | 12/31/13 |
| Document Centre 265ST | | | | | 12/31/13 |
| Document Centre 332ST | | | | | 12/31/14 |
| Document Centre 340ST | | | | | 12/31/14 |
| Document Centre 420ST | | | | | 12/31/14 |
| Document Centre 425 MFP | | | | | 12/31/14 |
| Document Centre 426 MFP | | | | | 12/31/14 |
| Document Centre 430 MFP | | | | | 12/31/14 |
| Document Centre 432 CP | | | | | 12/31/14 |
| Document Centre 440 CP | | | | | 12/31/14 |
| Document Centre 460ST | | | | | 12/31/13 |
| Document Centre 470ST | | | | | 12/31/16 |
| Document Centre 480ST | | | | | 12/31/16 |
| Document Centre 490ST | | | | | 12/31/16 |
| Document Centre 535 | | | | | 12/31/12 |
| Document Centre 545 | | | | | 12/31/12 |
| Document Centre 555 (DC, ST) | | | | | 12/31/12 |

DocuPrint Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-------------------------------|----------|----------|---------|---------|----------|
| DocuPrint N2025 | | | | | 12/31/05 |
| DocuPrint N2825 | | | | | 12/31/05 |
| DocuPrint N32 | | | | | 12/31/05 |
| DocuPrint N3225 | | | | | 12/31/05 |
| DocuPrint N4025 | | | | | 12/31/05 |
| DocuPrint 100/100MX EPS | | | | | 12/31/13 |
| DocuPrint 115/115MX EPS | | | | | 12/31/13 |
| DocuPrint 135/135MX EPS | | | | | 12/31/13 |
| DocuPrint 155/155MX EPS | | | | | 12/31/19 |
| DocuPrint 180 | | | | | 12/31/19 |
| DocuPrint 180 (EPS, IPS, NPS) | | | | | 12/31/19 |

DocuTech Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|------------------|----------|----------|---------|---------|----------|
| DocuTech 65/65A | | | | | 12/31/16 |
| DocuTech 75 | | | | | 1/1/15 |
| DocuTech 90 | | | | | 12/31/16 |
| DocuTech 100 CP | | | | | 12/31/16 |
| DocuTech 120 CP | | | | | 12/31/16 |
| DocuTech 128 HLC | | | | | 12/31/19 |
| DocuTech 135 | | | | | 12/31/16 |
| DocuTech 155 HLC | | | | | 12/31/19 |
| DocuTech 180 HLC | | | | | 12/31/19 |
| DocuTech 6100 | | | | | 12/31/15 |
| DocuTech 6115 | | | | | 12/31/15 |
| DocuTech 6135 | | | | | 12/31/15 |
| DocuTech 6155 | | | | | 12/31/20 |
| DocuTech 6180 | | | | | 12/31/20 |

FaxCentre Series

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|----------------|----------|----------|---------|---------|----------|
| FaxCentre F110 | | | | | 12/31/14 |
| FaxCentre 2121 | | | | | 12/31/14 |
| FaxCentre 2218 | | | | | 12/31/14 |

IGen

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-----------------------------|----------|----------|---------|---------|----------|
| Xerox iGen4 220 | | | | | 12/31/22 |
| Xerox iGen4 Diamond Edition | | | | | 12/31/22 |
| Xerox iGen4 EXP | | | | | 12/31/22 |
| Xerox iGen4 | | | | | 12/31/22 |
| Xerox iGen3 | | | | | 12/31/19 |

Inkjet/Continuous Feed

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|---------------------------------------|----------|----------|---------|---------|-----|
| CiPress 325/500 | √ | √ | √ | | |
| Xerox 650/1300 | | | | | |
| Xerox Impika Compact | | | | | |
| Xerox Impika Evolution | | | | | |
| Xerox Trivor 2400 HD Mono Injet Press | | | | | |
| Xerox Trivor HF Inkjet Press | | | | | |
| Xerox Trivor 2400 | | | | | |

Nuvera

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|------------------------------|----------|----------|---------|---------|----------|
| Xerox Nuvera 100 Digital C/P | √ | √ | √ | | 12/31/16 |
| Xerox Nuvera 100 DPS | √ | √ | √ | | 12/31/16 |
| Xerox Nuvera 100 MX DPS | √ | √ | √ | | 12/31/16 |

| | | | | | |
|--------------------------------|---|---|---|--|----------|
| Xerox Nuvera 100 | √ | √ | √ | | 12/31/20 |
| Xerox Nuvera 120 | √ | √ | √ | | 12/31/20 |
| Xerox Nuvera 144 | √ | √ | √ | | 12/31/20 |
| Xerox Nuvera 1XX/2XX EA Series | √ | √ | √ | | 12/31/22 |
| Xerox Nuvera 200/288 MX | √ | √ | √ | | 1/31/22 |
| Xerox Nuvera 200/288/314 EA | √ | √ | √ | | 1/31/22 |

Phaser

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|------------------|----------|----------|---------|---------|----------|
| Phaser 3010 | √ | √ | √ | | 1/31/22 |
| Phaser 3020 | √ | √ | √ | | 1/31/22 |
| Phaser 3040 | √ | √ | √ | | 1/31/22 |
| Phaser 3052 | √ | √ | √ | | 1/31/22 |
| Phaser 3124 | √ | √ | √ | | 12/31/14 |
| Phaser 3125 | √ | √ | √ | | 12/31/14 |
| Phaser 3140/3155 | √ | √ | √ | | 12/31/16 |
| Phaser 3160 | √ | √ | √ | | 12/31/16 |
| Phaser 3200 MFP | √ | | | | 12/31/16 |
| Phaser 3210 | √ | | | | 12/31/18 |
| Phaser 3250 | √ | | | | 12/31/20 |
| Phaser 3260 | √ | √ | √ | | 12/31/24 |
| Phaser 3300 MFP | √ | | | | 12/31/20 |
| Phaser 3315/3325 | √ | | | | 12/31/20 |
| Phaser 3320 | √ | √ | √ | | 12/31/24 |
| Phaser 3435 | | | | | 12/31/18 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|---------------------|--------------------------------|----------|---------|---------|----------|
| Phaser 3500 | | | | | 12/31/16 |
| Phaser 3600 | √ | √ | √ | | 12/31/18 |
| Phaser 3610 | √ | √ | √ | | 12/31/25 |
| Phaser 3635 MFP | √ | √ | √ | | 12/31/20 |
| Phaser 4500 | √ | | | | 12/31/18 |
| Phaser 4510 | √ | √ | | | 12/31/20 |
| Phaser 4600/4620 | √ | √ | √ | | 12/31/24 |
| Phaser 4622 | √ | √ | √ | | 12/31/24 |
| Phaser 5335 Printer | √* Needs network card | | | | 12/31/18 |
| Phaser 5550 | √ | √ | √ | | 12/31/25 |
| Phaser 6000 | | | | | 12/31/21 |
| Phaser 6010 | | | | | 12/31/21 |
| Phaser 6020 | √ | √ | √ | | 12/31/24 |
| Phaser 6022 | √ | √ | √ | | 12/31/24 |
| Phaser 6100 | | | | | 12/31/11 |
| Phaser 6115 MFP | | | | | 12/31/16 |
| Phaser 6120 | | | | | 12/31/16 |
| Phaser 6121 MFP | | | | | 12/31/18 |
| Phaser 6125 | √ | √ | √ | | 12/31/12 |
| Phaser 6128 MFP | √ | √ | √ | | 12/31/18 |
| Phaser 6130 | √* Needs network card | | | | 12/31/16 |
| Phaser 6140 | √ | | | | 12/31/17 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|------------------|----------|----------|---------|---------|----------|
| Phaser 6180 | √ | | | | 12/31/18 |
| Phaser 6180 MFP | | | | | 12/31/18 |
| Phaser 6200 | | | | | 12/31/10 |
| Phaser 6280 | √ | √ | √ | | 12/31/18 |
| Phaser 6300/6350 | | | | | 12/31/12 |
| Phaser 6360 | √ | √ | | | 12/31/17 |
| Phaser 6500 | √ | √ | √ | | 12/31/21 |
| Phaser 6510 | √ | √ | √ | | 12/31/21 |
| Phaser 6600 | √ | √ | √ | | 12/31/25 |
| Phaser 7300 | | | | | 12/31/12 |
| Phaser 7400 | | | | | 12/31/16 |
| Phaser 7500 | √ | √ | √ | | 12/31/23 |
| Phaser 7700 | | | | | 12/31/10 |
| Phaser 7750 | | | | | 12/31/10 |
| Phaser 7760 | √ | √ | √ | | 12/31/17 |
| Phaser 7800 | √ | √ | √ | | 12/31/23 |
| Phaser 8400 | √ | √ | √ | | 12/31/12 |
| Phaser 8500/8550 | | | | | 12/31/15 |
| Phaser 8560 | √ | √ | √ | | 12/31/17 |
| Phaser 8560 MFP | | | | | 12/31/17 |
| Phaser 8860 | √ | √ | √ | | 12/31/17 |
| Phaser 8860 MFP | √ | √ | √ | | 12/31/17 |

Print Servers

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-----------------------------|----------|----------|---------|---------|----------|
| Fiery X2 | | | | | 12/31/04 |
| Fiery EX260 | | | | | 12/31/06 |
| Fiery X12 | | | | | 12/31/06 |
| Fiery XP12 | | | | | 12/31/06 |
| Fiery EXP6000 | | | | | 12/31/15 |
| Fiery DC250 | | | | | 12/31/15 |
| Fiery EX12 | | | | | 12/31/16 |
| Fiery DC3535 | | | | | 12/31/16 |
| FreeFlow DocUsp 242/252/260 | | | | | 12/31/16 |
| CREO CX8080 | | | | | 12/31/18 |
| CREO CXP8000 | | | | | 12/31/18 |
| CREO iGen3 | | | | | 12/31/16 |
| CREO iGen4 | | | | | 12/31/16 |
| CREO CP800/1000 | | | | | 12/31/18 |
| CREO 700 | | | | | 12/31/18 |
| CX1000 | | | | | 12/31/16 |
| CREO CSX2000 | | | | | 12/31/15 |
| CREO CXP5000 | | | | | 12/31/16 |
| CREO CXP6000 | | | | | 12/31/15 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|----------------|----------|----------|---------|---------|----------|
| CREO Malta | | | | | 12/31/18 |
| CREO DC3535 | | | | | 12/31/16 |
| CREO DC6060 | | | | | 12/31/16 |
| CREO 550/560 | | | | | 12/31/18 |

Versant

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|----------------|----------|----------|---------|---------|----------|
| Versant 80 | | | | | 12/31/22 |
| Versant 2100 | | | | | 12/31/22 |

Wide Format

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-----------------|----------|----------|---------|---------|----------|
| Xerox 6204 | √ | | | | 12/31/20 |
| Xerox 6279 | √ | | | | 12/31/19 |
| Xerox 6604/6605 | √ | | | | 12/31/20 |
| Xerox 6622 | √ | | | | 12/31/17 |
| Xerox 8825 DS | √ | | | | 12/31/16 |
| Xerox 8825 | √ | | | | 12/31/16 |
| Xerox 8830 DS | √ | | | | 12/31/16 |
| Xerox IJP 2000 | | | | | 12/31/22 |

WorkCentre

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|----------------------|----------|----------|---------|---------|----------|
| WorkCentre 133 | | | | | 12/31/13 |
| WorkCentre 232/238 | | | | | 12/31/18 |
| WorkCentre 245/255 | | | | | 12/31/18 |
| WorkCentre 265/275 | | | | | 12/31/18 |
| WorkCentre 3025 | √ | √ | √ | | 12/31/24 |
| WorkCentre 3045 | √ | √ | √ | | 12/31/22 |
| WorkCentre 3210/3220 | √ | | | | 12/31/20 |
| WorkCentre 3215 | √ | √ | √ | | 12/31/24 |
| WorkCentre 3225 | √ | √ | √ | | 12/31/24 |
| WorkCentre 3315 | √ | | | | 12/31/24 |
| WorkCentre 3325 | √ | √ | √ | | 12/31/24 |
| WorkCentre 3335/3345 | √ | √ | √ | | |
| WorkCentre 3550 | √ | | | | 12/31/21 |
| WorkCentre 3615 | √ | √ | √ | | 12/31/24 |
| WorkCentre 3655 | √ | √ | √ | | |
| WorkCentre 3655i | √ | √ | √ | | |
| WorkCentre 4118 | | | | | 12/31/17 |
| WorkCentre 4150 | | | | | 12/31/17 |
| WorkCentre 4250 | √ | √ | √ | | 12/31/18 |
| WorkCentre 4260 | √ | √ | √ | | 12/31/18 |
| WorkCentre 4265 | √ | √ | √ | | 12/31/22 |
| WorkCentre 5020 | | | | | 12/31/20 |
| WorkCentre 5030/5050 | √ | | | | |
| WorkCentre 5135/5150 | √ | | | | |
| WorkCentre 5222 | √ | | | | 12/31/20 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|--------------------------------|----------|----------|---------|---------|----------|
| WorkCentre 5225/5230 | √ | | | | 12/31/20 |
| WorkCentre 5325/5330/5335 | √ | √ | √ | | 12/31/24 |
| WorkCentre 5632/5638 | √ | | | | 12/31/18 |
| WorkCentre 5645/5655 | √ | | | | 12/31/18 |
| WorkCentre 5665/5675/5687 | √ | | | | 12/31/18 |
| WorkCentre 5735/5740/5745/5755 | √ | √ | √ | | 2/1/22 |
| WorkCentre 5765/5775/5790 | √ | √ | √ | | 2/1/22 |
| WorkCentre 5845/5855 | √ | √ | √ | | 12/31/23 |
| WorkCentre 5865/5875/5890 | √ | √ | √ | | |
| WorkCentre 5865i/5875i/5890i | √ | √ | √ | | |
| WorkCentre 5945/5955 | √ | √ | √ | | 2025 |
| WorkCentre 5945i/5955i | √ | √ | √ | | 2025 |
| WorkCentre 6015 | √ | √ | √ | | 12/31/21 |
| WorkCentre 6025 | √ | √ | √ | | 12/31/24 |
| WorkCentre 6027 | √ | √ | √ | | 12/31/24 |
| WorkCentre 6400 | √ | | | | 12/31/18 |
| WorkCentre 6505 | √ | √ | | | 12/31/21 |
| WorkCentre 6515 | √ | √ | √ | | 2027 |
| WorkCentre 6605 | √ | √ | √ | | 2025 |
| WorkCentre 6655 | √ | √ | √ | | 2025 |
| WorkCentre 6655i | √ | √ | √ | | 2025 |
| WorkCentre 7120/7125 | √ | √ | √ | | 12/31/23 |
| WorkCentre 7132 | √ | √ | √ | | 12/31/17 |
| WorkCentre 7220/7225 | √ | √ | √ | | 12/31/24 |
| WorkCentre 7220i/7225i | √ | √ | √ | | 12/31/24 |
| WorkCentre 7228/7235/7245 | | | | | 12/31/18 |
| WorkCentre 7232/7242 | √ | | | | 12/31/17 |

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|--|-------------------------|----------|---------|---------|----------|
| | OpenSSL 1.0.1p (TLS) | | | | |
| WorkCentre 7328/7335/7345/7346 | | | | | 12/31/18 |
| WorkCentre 7425/7428/7435 | √ | √ | | | 12/31/22 |
| WorkCentre 7525/7530/7535/7545/7556 | √ | √ | √ | | 12/31/24 |
| WorkCentre 7655/7665/7675 | √ | | | | 12/31/18 |
| WorkCentre 7755/7765/7775 | √ | | | | 12/31/20 |
| WorkCentre 7830/7835/7845/7855 | √ | √ | √ | | 12/31/24 |
| WorkCentre 7830i/7835i/7845i/7855i | √ | √ | √ | | 12/31/24 |
| WorkCentre 7970 | √ | √ | √ | | 12/31/24 |
| WorkCentre 7970i | √ | √ | √ | | 12/31/24 |
| WorkCentre BookMark 40/55 | √ | | | | 12/31/16 |
| WorkCentre EC7836/EC7856 | | | | | 2027 |
| WorkCentre M118/M118i | | | | | 12/31/06 |
| WorkCentre M123/M128 | | | | | 12/31/06 |
| WorkCentre M15 | | | | | 12/31/09 |
| WorkCentre M15i | | | | | 12/31/09 |
| WorkCentre M165/M175 | | | | | 12/31/14 |
| WorkCentre M20/M20i | √ | | | | 12/31/17 |
| WorkCentre M24 | | | | | 12/31/16 |
| WorkCentre M35 | √ | | | | |
| WorkCentre M45 | √ | | | | 12/31/16 |
| WorkCentre M55 | √ | | | | 12/31/16 |
| WorkCentre PE120/PE120i | | | | | 12/31/13 |
| WorkCentre PE220 | | | | | 12/31/13 |

WorkCentre Pro

| Xerox Products | TLS 1.0* | TLS 1.1* | TLS 1.2 | TLS 1.3 | EOL |
|-------------------------------------|----------|----------|---------|---------|----------|
| WorkCentre Pro 123/128 | | | | | 12/31/16 |
| WorkCentre Pro 133 | | | | | 12/31/13 |
| WorkCentre Pro 165/175 | | | | | 12/31/14 |
| WorkCentre Pro 232/238 | √ | | | | 12/31/18 |
| WorkCentre Pro 245/255 | √ | | | | 12/31/18 |
| WorkCentre Pro 265/275 | √ | | | | 12/31/18 |
| WorkCentre Pro 32 Color MF | | | | | 12/31/16 |
| WorkCentre Pro 35 | | | | | 12/31/16 |
| WorkCentre Pro 40 Color MF | | | | | 12/31/16 |
| WorkCentre Pro 45 | | | | | 12/31/09 |
| WorkCentre Pro 55 | | | | | 12/31/16 |
| WorkCentre Pro 65 | √ | | | | 1/1/15 |
| WorkCentre Pro 75 | √ | | | | 1/1/15 |
| WorkCentre Pro 90 | √ | | | | 1/1/15 |
| WorkCentre Pro C2128/C2636/C3545 | √ | | | | 12/31/16 |