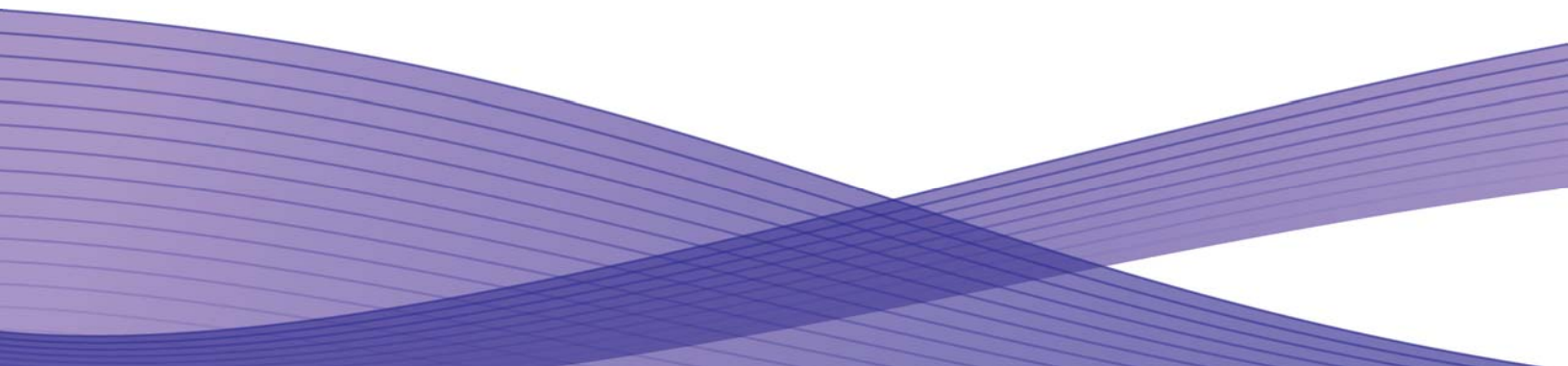




Statement of Volatility

Xerox WorkCentre 7425/7428/7435



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Notice

This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the WorkCentre 7425/7428/7435.

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Statement of Volatility

Xerox WorkCentre 7425/7428/7435

Introduction

The Xerox WorkCentre 7425/7428/7435 is used to perform the following tasks:

- Copying
- Printing
- Scanning (Network and Local)
- Faxing

This document describes the amounts and types of memory contained in the device in an easy to read tabular format. To allow security issues to be addressed as needed, specific commentary has been included about job data and where Personally Identifiable Information (PII) can be found in the system.

For larger Xerox systems that may contain multiple media feeders or multiple finishers, tabulated data is shown even though these devices never contain any job or PII data in electronic form. Also, in larger Xerox systems, another vendor may supply a Digital Front End (DFE) that is connected to the Xerox Print Engine. In these cases, the vendor of the DFE must provide their own Statement of Volatility for the hardware which comprises their additions to Xerox products.

The information contained in this document has been verified at the time the product is released for sale. Manufacturing process changes may require that memory amounts are increased but, the purpose or contents of the memory will not change.

General Memory Information

Volatile Memory

- All volatile memory listed is cleared after power is removed (decay occurs generally within 20 seconds at room temperature).
- All volatile memory listed is required for normal system operation and during service and diagnostic procedures.
- Removal of any volatile memory will void the warranty.

Non-Volatile Memory

- All non-volatile memory listed is required for normal system operation and during service and diagnostic procedures.
- Removal of any non-volatile memory will void the warranty.
- None of the non-volatile memory in the system can be accessed by accidental keystrokes.

Hard Drive Information

The data table below details the hard disk volume and partition information for the Xerox WorkCentre 7425/7428/7435.

1st Hard Disk / Partition Description					
Complete this table if the device has media storage capability					
Drive / Partition (System, Image):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Sanitize:
ide0/a	N	3000MB	N	Resources data storage	At the deletion of data
ide0/b	N	3000MB	N	Print data temporary storage	At the completion of job
ide0/c	N	4000MB	N	Private/Mailbox storage	At the deletion of data
ide0/d	N	3000MB	N	PDL/mail data temporary storage	At the completion of job
ide0/e	N	4000MB	N	Copy data temporary storage	At the completion of job
ide0/f	N	1900MB	N	Scan data temporary storage	At the completion of job
ide0/h	N	2000MB	N	Management data storage	At the deletion of data
ide0/i	N	2000MB	N	Scan-to-URL scan data storage	At the completion of receiving data
ide0/j	N	15000MB	N	Image Log storage	At the completion of transferring image log to server
ide0/p	N	2000MB	N	Firmware backup storage	None
<p>Additional Information: If Disk Encryption is ON, all partitions are encrypted. If Disk Overwrite is ON, all files are sanitized when it is deleted by NSA recommended method. ide0/a: Resources are font, form/logo, SMB folder (config.txt.drievr) and Job Template. ide0/b: EPC print data which are decomposed and temporarily stored on this partition. ide0/c: Private/Mailbox stores scan data, I-Fax data, Fax data, security print data, and proof print data. ide0/d: PDL and mail data are received and temporarily stored on this partition. ide0/e: EPC copy data are temporarily stored on this partition. ide0/f: Scan data are temporarily stored on this partition when Scan To Server, Scan To PC, Scan to IFax, or Scan To Email is used. ide0/h: Management data are authentication database, job log, audit log, certificate, address book, development log. ide0/i: Scan data stored by Scan to URL process remain on this partition until user retrieves data. ide0/j: Image Log remains on this partition until Image Log is transferred to server. ide0/p: Firmware of previous and current are stored as backup when firmware is upgraded. Data remain until next firmware upgrade.</p>					

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System Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the WorkCentre 7425/7428/7435.

Volatile Memory				
Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Sanitize
SRAM (MCU PWBA)	256K x 16bit	N	Temporary storage of variables	SRAM is erased when machine is powered off.
Battery-backed SRAM (NVM PWBA)	8Mbit (512K x 16bit/ 1M x 8bit)	N	Temporary storage of machine setting data.	SRAM is not erased when machine is powered off. Not customer alterable.
SRAM (IPS PWBA)	256K x 16bit	N	Temporary storage of variables	SRAM is erased when machine is powered off.
DRAM (ESS PWBA)	6M x 8bit	N	Temporary storage of program, and work area	DRAM is erased when machine is powered off.
SDRAM (system memory)	64M x 64bit	N	Temporary storage of program, and work area	SDRAM is erased when machine is powered off.
SDRAM (system memory)	128M x 64bit	N	Temporary storage of program, and work area	SDRAM is erased when machine is powered off.
SDRAM (Fax PWBA)	64Mbit	N	Temporary storage area used as a work data area	SDRAM is erased when machine is powered off.

Non-Volatile Memory

Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Sanitize
Flash (MCU PWBA)	1Mbit	N	Permanent storage of program. User image data are not stored.	Not customer alterable.
Flash (MCU PWBA)	16Mbit	N	Permanent storage of program. User image data are not stored.	Not customer alterable.
Flash (ESS PWBA)	256Mbit	N	Permanent storage of program. User image data are not stored.	Not customer alterable.
Flash (IPS PWBA)	16Mbit	N	Permanent storage of scanner executable code. User image data are not stored.	Not customer alterable.
EEPROM (ESS PWBA)	32Kbit	N	Permanent storage of program. User image data are not stored.	Not customer alterable.
ROM (ESS PWBA)	64MB	N	Permanent storage of font data	Not customer alterable.
EEPROM (IPS PWBA)	16Kbit	N	Permanent storage of scanner configuration code. User image data are not stored.	Not customer alterable.
EEPROM (MCU PWBA)	64Kbit	N	Permanent storage of parameters and setup data. User image data are not stored.	Not customer alterable.
EEPROM (DADF PWBA)	16Kbit	N	Permanent storage of DADF configuration code. User image data are not stored.	Not customer alterable.
Mask ROM with 20Kbyte of data RAM (DADF PWBA)	256Kbyte	N	Permanent storage of DADF executable code. User image data are not stored.	Not customer alterable.
EEPROM (LED Driver PWBA)	128Kbit	N	Permanent storage of setup data	Not customer alterable.
ROM with 40Kbyte of data RAM (Fax PWBA)	384Kbyte	N	Permanent storage of Fax executable code.	Not customer alterable.

Media and Storage

Complete this table if the device has media storage capability

Type (disk drives, tape drives, CF/SD/XD memory cards, etc.):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Sanitize:
None					

Additional Information:

The Xerox WorkCentre 7425/7428/7435 contains RFID devices. The table below details the location and purpose of each device.

RFID Devices	
Complete an entry for each RFID tag	
RFID Tag location	Purpose
In the toner cartridge	RFID tag is used for monitoring toner remaining life and for preventing misuse of wrong toner cartridge.
In the drum cartridge	RFID tag is used for monitoring drum remaining life and for preventing misuse of wrong drum cartridge.

The data table below details the external local access ports available on the Xerox WorkCentre 7425/7428/7435.

USB	
Complete an entry for each USB port	
USB port and location	Purpose
Two USB ports located on the controller	One USB port is used for local printing, connecting media card reader, and machine diagnostics/maintenance. One USB port is used for connecting the fax cable.