



# Statement of Volatility Xerox Color J75 Press

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# Statement of Volatility

## Xerox Color J75 Press


### Notice

This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the Xerox Color J75 Press

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This document was reviewed and approved by:

Signature	
Ralph H. Stoos Jr.	
Technical Program Manager Product Security Office	
January 28, 2013	

# Statement of Volatility

## Xerox Color J75 Press

### Introduction

The Xerox Color J75 Press is used to perform the following tasks:

- Printing
- Copying
- Scanning

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.

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 should not change.

The Xerox Color J75 Press consists of up to six sub-modules:

- Print Engine (including the User Interface - UI)
- Scanner
- Optional High Capacity Feeder Module (HCF)
- Optional High Capacity Stacker (HCS)
- Interface Cooling Module (ICM)
- Optional Multifunction Type Finishers

These modules provide the basic configuration. Depending on what is purchased, the number and types of feeders and finishers can change.

The engine can be connected to one of the following:

- Xerox FreeFlow® Print Server
- EFI Fiery Standalone Print Server

In each of these cases, the Statement of Volatility or Security Whitepaper containing volatility information regarding these Print Servers will be contained in a separate document.

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.

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 should 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.

## Print Engine (Marking Module) Description and Signature Block

This evaluation and summary was completed by:

Signature	
Michel Fournelle	
Assistant Technical Program Manager	
XEROX J75 Assistant Technical Program Manager	
January 28, 2013	

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Color J75 Press print engine.

The Print Engine is powered by several System boards (**IOT MAIN (1), MD (2), and DFE I/F pwba's**). These are equipped with main RAM and Non-Volatile memory, as described below.

Volatile Memory Description				
Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
SRAM (MCU PWBA)	8MB	N	Temporary storage of variables	SRAM is erased when machine is powered off.
Battery-backed SRAM (MCU NVM PWBA)	4MB	N	Permanent storage of machine setting data/job log data. User image data are not stored.	SRAM is not erased when a main switch is turned off. Not customer alterable.
SDRAM (SYSTEM MEMORY DIMM)	2MB 1Gbit (64Mx8bit) x16	N	Temporary storage of program and work area	SDRAM is erased when a main switch is turned off.
Battery-backed SRAM (NVM PWBA)	8MB (1M x 8bit)	N	Permanent storage of machine setting data/job log data. User image data are not stored.	SRAM is not erased when a main switch is turned off. Not customer alterable.
SDRAM (ESS PWBA)	4Mbit (256k x 16bit)	N	Temporary storage of program and work area	SDRAM is erased when a main switch is turned off.
SDRAM (page memory DIMM: IPS PWBA)	512MB 1Gbit (64M x16bit) x 4	N	Temporary storage of variables for IISS.	SRAM is erased when machine is powered off.
<b>Additional Information:</b> All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
Flash (MCU PWBA)	32MB (1M x 16bit) x2	N	Permanent storage of program. User image data are not stored.	Not customer alterable
Flash (ESS PWBA)	128MB 512 Mbit (32M x16bit) x2	N	Permanent storage of program / font data. User image data are not stored.	Not customer alterable
SEEPROM (BP PWBA)	8KB	N	Permanent storage of machine setting data . User image data are not stored.	Not customer alterable
Flash (ESS PWBA)	2MB (1M x 16bit)	N	Permanent storage of program 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
Flash with 24Kbyte of data RAM (DADF PWBA)	384Kbyte	N	Permanent storage of DADF executable code. User image data are not stored.	Not customer alterable
<b>Additional Information:</b> All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

## Hard Drive Information

The data table below details the hard disk information for the Xerox Color J75 Press Print Station Interface Platform.

Hard Disk Description					
Complete this table if the device has hard drive capability					
Drive / Partition (System, Image):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Clear:
Hard disk	No (Option for Removable is available)	160GB	N	Resources data Storage. Copy Data temporary storage. Scan data temporary storage. PDL/mail data temporary storage.	At the completion of jobs
<b>Additional Information:</b> 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.					
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 Clear:
Ide0/a	No (Option for Removable is available)	3725MB	N	Resources data Storage.	At the deletion of data
Ide0/b	No (Option for Removable is available)	5587MB	N	Print data temporary Storage.	At the completion of the job

Ide0/c	No (Option for Removable is available)	14 GB	N	Private / Mailbox Storage.	At the deletion of data
Ide0/d	No (Option for Removable is available)	3725MB	N	PDL / mail data temporary Storage.	At the completion of the job
Ide0/e	No (Option for Removable is available)	14 GB	N	Copy data temporary Storage.	At the completion of the job
Ide0/f	No (Option for Removable is available)	1862MB	N	Scan data temporary storage	At the completion of the job
Ide0/h	No (Option for Removable is available)	3725MB	N	Management data Storage.	At the deletion of data
Ide0/i	No (Option for Removable is available)	10 GB	N	Scan-to-URL scan data Storage.	At the completion of receiving data
Ide0/j	No (Option for Removable is available)	27 GB	N	Image Log Storage.	At the completion of transferring image log to server
Ide0/l	No (Option for Removable is available)	3725MB	N	XCP custom plug-in data storage	At the deletion of data
Ide0/o	No (Option for Removable is available)	1862MB	N	Debug data storage	At the deletion of data
Ide0/p	No (Option for Removable is available)	3725MB	N	Firmware backup storage	None

**Additional Information:**

Ide0/a: resources are font, form/logo, SMB folder (config, txt, driver) and Job Template.

Ide0/b: EPC print data which are decomposed and temporarily stored on this portion.

Ide0/c: Private/Mailbox stores scan data, security print data, and proof print data.

Ide0/d: PDL and mail data are received and temporarily stored in this partition.

Ide0/e: EPC copy data are temporarily stored on this partition.

Ide0/f: Scan data are temporarily stored on this partition where Scan To Server, Scan To PC, or Scan To Email is used.

Ide0/h: Management data are authenticated 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. Xerox Color J75 Press does not support the Image Log feature and the partition is not used.

Ide0/p: Firmware of previous and current are stored as backup when firmware is upgraded. Data remain until next firmware upgrade.

## Media and Storage Table

Media and Storage Descriptions					
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 Clear:
None					
Additional Information: N/A					


## USB Port Table

USB Port(s)	
Complete an entry for each USB port	
USB port and location	Purpose
Two USB-Device ports located on the ESS	One USB-Device is used for Image Quality tool (rear panel side) One USB-Device port is used for machine diagnostics/maintenance (rear panel side)
Additional Information: N/A	

RFID Devices	
RFID device and location	Purpose
Toner Bottle (CMYK)	Device contains Xerox validation info and usage information, no user data found here
Drum cartridge (Color and Black)	Device contains Xerox validation info and usage information, no user data found here
Additional Information: N/A	

## Feeder Module Descriptions and Signature Block

This evaluation and summary was completed by:

Signature	
Michel Fournelle	
Assistant Technical Program Manager	
XEROX J75 Assistant Technical Program Manager	
January 28, 2013	

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Color J75 Press supported feeders. This document lists the available options. Depending on the configuration purchased, your system will contain on or more of these devices. **NOTE: None of these devices store any job data in electronic form.**


### **Two Tray or One Tray High Capacity Feeder**

The Feeder device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.



## Finisher Module Descriptions and Signature Block

This evaluation and summary was completed by:

Signature	
Michel Fournelle	
Assistant Technical Program Manager	
XEROX J75 Assistant Technical Program Manager	
January 28, 2013	

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Color J75 Press supported finishers. This document lists the available options. Depending on the configuration purchased, your system will contain one or more of these devices. **NOTE: None of these devices store any job data in electronic form.**

### **Xerox Interface Cooling Module**

The Interface Cooling Module device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

### **Xerox Stacker**

The High Capacity Stacker finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

### **Xerox Multi-function Finisher**

The Multi-function finisher device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

### **Xerox Square Trimmer Booklet Finisher**

The Square Trimmer Booklet finisher device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.