Statement of Volatility
Xerox Color 800 - 1000 Press

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Notice

This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the Xerox Color 800 - 1000 Press

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Xerox Color 800 - 1000 Press

Introduction
The Xerox Color 800 - 1000 Press is used to perform the following tasks:

- High Speed Production Color Printing

The Xerox Color 800/1000 Digital Press consists of up to five sub-modules:
- Print Engine which is divided in 2 sub-modules (Engine left and Engine right)
- User Interface Controller (PCUI)
- Offset Catch Tray (OCT)
- Optional High Capacity Feeder Module (HCF)
- Optional High Capacity Stacker (up to 2) (HCS)
- 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 Print Server

- CREO 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.

User Interface Controller (PCUI) Descriptions

This evaluation and summary was completed by:

Signature *Michel Fournelle* (signature)	
Michel Fournelle	
Assistant Technical Program Manager	
XEROX 800/1000 Assistant Technical Program Manager	
May 19, 2010	

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Color 800/1000 Digital Press.

The User Interface Controller (PCUI) is a PC-type motherboard. It is equipped with a BIOS, main RAM and Video memory.

Volatile Memory Description

Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
SDRAM	1GB	N	OS, Boot code, Application code, Program constant data. Contains no user or job specific data. Contains machine specific data (hardware ID, system settings, real-time control parameters, print job control state, performance log information, usage counters). Contains machine specific data (System Admin password, user preferences). May temporarily contain non-image job specific (job name, size, etc)	Power Off System

Non-Volatile Memory Description

Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
EPROM	128K	N	System BIOS	Diagnostic

Hard Drive Information
The data table below details the hard disk information for the Xerox Color 800/1000 Digital Press Print Station Interface Platform.

Hard Disk 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:
System	No	80GB	via Diagnostics	OS, Boot code, Application code, Program constant data. Contains no user or job specific data. Contains machine specific data (hardware ID, system settings, real-time control parameters, print job control state, performance log information, usage counters). Contains machine specific data (System Admin password, user preferences). May temporarily contain non-image job specific (job name, size, etc)	Content can be initialized to factory default values.

Additional Information:
This disk contains the Windows Operating System and stores executables, fonts, and settings files. Job files do not reside on this disk.

Print Engine (Marking Module) Description

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Color 800/1000 Digital Press print engine.

The Print Engine is powered b several System boards (**IOT MAIN (1), MD (7), DFE I/F (2 or 3), Halftone (2 or 3) and CORE (4) 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:
SDRAM	2MB	via Diagnostics	Contains no user or job specific data. Contains machine specific data (hardware ID, system settings, real-time control parameters, print job control state, performance log information, usage counters)	Content can be initialized to factory default values.
SDRAM	32K	N	Contains no user or job specific data. Contains machine specific data (hardware ID, system settings, real-time control parameters, print job control state, performance log information, usage counters) [CPU IC]	Power Off System

Additional Information:
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	4MB	via Diagnostics	OS, Boot code, Application code, Program constant data. Contains no user or job specific data	Content is erased and reloaded when system software is upgraded or reinstalled.
ROM embedded in CPU IC	512KB	via Diagnostics	OS, Boot code, Application code, Program constant data. Contains no user or job specific data	Content is erased and reloaded when system software is upgraded or reinstalled.
Flash	512KB	N	OS, Boot code, Application code, Program constant data. Contains no user or job specific data	Content cannot be modified in the field.
Battery RAM	2MB	via Diagnostics	Contains no user or job specific data. Contains machine specific data (hardware ID, system settings, real-time control parameters, print job control state, performance log information, usage counters)	Content can be initialized to factory default values.

Additional Information:
All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.

Print Engine (Marking Module) Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Color 800/1000 Digital Press print engine.

The Print Engine is also powered by a System board (IOT SYS pwba). It is 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:**
SDRAM	16MB	N	OS, Executable code, Application code, Machine Specific data for real time control of the print engine. May temporarily contain non-image job specific (job name, size, etc)	Power Off System
SDRAM	4K	N	Contains no user or job specific data [CPU IC]	Power Off System
Additional Information:				
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:**
EEPROM	128 B	N	OS, Executable code, Application code, Contains no user or job specific data	Content cannot be modified in the field.
Flash	8MB	via Diagnostics	OS, Executable code, Application code, Contains no user or job specific data	Content is erased and reloaded when system software is upgraded or reinstalled.
Flash	1MB	via Diagnostics	OS, Executable code, Application code, Contains no user or job specific data	Content is erased and reloaded when system software is upgraded or reinstalled.
Flash	512KB	N	OS, Executable code, Application code, Contains no user or job specific data	Content cannot be modified in the field.
Battery RAM	4KB	via Diagnostics	Contains no user or job specific data	Content can be initialized to factory default values.
Additional Information:				
All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

Feeder Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Color 800/1000 Digital 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 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

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Color 800/1000 Digital 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 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.