Statement of Volatility
Xerox Versant 80 Press

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Xerox Versant 80 Press Notice

This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the Xerox Versant 80 Press.

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This evaluation and summary was reviewed and validated by:

Signature Ralph H. Stoos, Jr.	
Title	Technical Program Manager
Date	November 14, 2014

Statement of Volatility

Xerox Versant 80 Press

Introduction

The Xerox Versant 80 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 Versant 80 Press consists of up to five sub-modules:

- Print Engine (including the User Interface - UI)
- Optional High Capacity Feeder Module (HCF)
- Optional High Capacity Stacker (HCS) – Interface Cooling Module (ICM)
- Optional Multifunction Type Finishers
- Offset Catch Tray (OCT)

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:

- EFI Fiery Standalone Print Server
- EFI Fiery Integrated 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.

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	
Senior System Engineer	
Xerox Versant 80 Press	
November 14, 2014	

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Versant 80 Press print engine.

The Print Engine is powered by several System boards (IOT MAIN MCU, ESS ,and Halftone 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 (MCU PWBA)	64MB	N	Temporary storage of variables	SRAM is erased when machine is powered off.
DRAM (SYSTEM MEMORY DIMM)	4Gbit	N	Temporary storage of program and work area	SDRAM is erased when a main switch is turned off.
SDRAM (ESS PWBA)	64MB	N	Temporary storage of program and work area	SDRAM is erased when a main switch is turned off.
SDRAM (page memory)	1Gbit	N	Temporary storage of variables	SRAM is erased when machine is powered 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.

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 (MCU PWBA)	8MB	N	Permanent storage of program. User image data are not stored.	Not customer alterable

Flash (ESS PWBA)	2MB	N	Permanent storage of program / font data. User image data are not stored.	Not customer alterable	
EEPROM (BP PWBA)	16KB	N	Permanent storage of machine setting data . User image data are not stored.	Not customer alterable	
Flash (ESS PWBA)	8MB	N	Permanent storage of program data. User image data are not stored.	Not customer alterable	
SD Card	2GB	N	Billing Meters and critical settings	Not customer alterable	
Battery-backed SRAM (NVM PWBA)	1MB	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.	
Battery-backed SRAM (ESS PWBA)	512KB	N	Configuration and control set points. User image data are not stored.	SRAM is not erased when a main switch is turned off. Not customer alterable.	
EEPROM	512KB	N	Permanent storage of machine setting 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	

Additional Information:
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 Versant 80 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: 7Y / N	Function:	Process to Clear:
Hard disk	No (Option for Removable is available)	320GB	N	PDL Data temporary storage.	At the completion of jobs

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.

Hard Disk Partition Description

Complete this table if the device has media storage capability

Drive / Partition (System, Image):	Removable Y / N	Size:	User Modifiable: 7Y / N	Function:	Process to Clear:

Ide0/a	No (Option for Removable is available)	3726MB	N	Resources data Storage. (NOT USE on Xerox Versant 80 Press)	At the deletion of data
Ide0/b	No (Option for Removable is available)	5588MB	N	Print data temporary Storage. (Example; Configuration Report)	At the completion of the job
Ide0/c	No (Option for Removable is available)	14.9 GB	N	Private / Mailbox Storage. (NOT USE on Xerox Versant 80 Press)	At the deletion of data
Ide0/d	No (Option for Removable is available)	3726MB	N	PDL / mail data temporary Storage.	At the completion of the job
Ide0/e	No (Option for Removable is available)	14.9 GB	N	Copy data temporary Storage. (NOT USE on Xerox Versant 80 Press)	At the completion of the job
Ide0/f	No (Option for Removable is available)	1863MB	N	Scan data temporary storage (NOT USE on Xerox Versant 80 Press)	At the completion of the job
Ide0/h	No (Option for Removable is available)	3726MB	N	Management data Storage.	At the deletion of data
Ide0/i	No (Option for Removable is available)	11.2 GB	N	Scan-to-URL scan data Storage. (NOT USE on Xerox Versant 80 Press)	At the completion of receiving data
Ide0/j	No (Option for Removable	46.6 GB	N	Image Log Storage. (NOT USE on Xerox Versant 80 Press)	At the completion of transferring image log to server
	is available)				
Ide0/l	No (Option for Removable is available)	3726MB	N	XCP custom plug-in data storage	At the deletion of data
Ide0/o	No (Option for Removable is available)	1863MB	N	Debug data storage	At the deletion of data
Ide0/p	No (Option for Removable is available)	3726MB	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: Ilage 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.

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: 7Y / N	Function:	Process to Clear:
SD Card	N	2GB	N	Billing Meters and critical settings	Not customer alterable
Additional Information: N/A					

USB Port Table

USB Port(s)	
Complete an entry for each USB port	
USB port and location	Purpose
Type 2	Service Diagnostics access only
Additional Information: N/A	

RFID Devices	
RFID device and location	Purpose
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	
Senior System Engineer	
Xerox Versant 80 Press	
November 14, 2014	

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Versant 80 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 and Signature Block

This evaluation and summary was completed by:

Signature	
Michel Fournelle	
Senior System Engineer	
Xerox Versant 80 Press	
November 14, 2014	

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox Versant 80 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 Offset Catch Tray

The Offset Catch Tray 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.

Xerox Advanced Punch Module

The GBC Advanced Punch 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 Partner Finishing Interface Module

The Partner Finishing Interface 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.