Statement of Volatility
Phaser 7800 v1.2

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Phaser 7800

Notice

This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the Phaser 7800.

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Statement of Volatility
Phaser 7800

Introduction
The Phaser 7800 is used to perform the following tasks:

Printing

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.

None of the non-volatile memory in the system can be accessed by accidental keystrokes.

Device Module Descriptions

Signature Block

This evaluation and summary was completed by:

Signature	
Printed Name	Shell Haff
Job Title	Product Marketing Manager
Job Function	A4 Systems Marketing Manager
Preparation Date	Rev 1.2: August 7, 2013

This evaluation and summary was completed by:

Signature	
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Job Title	Manager of Product Security
Job Function	Product Security Manager
Preparation Date	Rev 1.2: August 7, 2013

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Phaser 7800 print engine.

Volatile Memory Description

Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
DDR2 SDRAM – System Memory	**2GB**	**N**	**Executable code, Printer control data temporary storage of job data**	Power Off System

Additional Information:
All memory listed above contains code for execution and configuration information. User or job data is temporarily stored in this location.

Non-Volatile Memory Description

Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
Serial EEPROM	**32KB**	**via Diagnostics**	**Control setpoints, Configuration settings**	Service Diagnostic

Additional Information:
The EEPROM is required for normal operation. The EEPROM is removable.

All memory listed above contains code for execution and configuration information.

The NVM contains devices configuration settings. No job files are stored on these devices.

Media and Storage Descriptions

Type (disk drives, tape drives, CF/SD/XD memory cards, etc.):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Clear:
SD Card	Yes	**4GB**	Yes	**Firmware, configuration settings**	**Service Diagnostic**

Additional Information:

The SD Card is required for normal operation.

The SD Card contains the Linux Operating System and stores executables, fonts, and settings.

Print Jobs are not stored on the SD card.

Hard Disk Descriptions

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 Disk	Yes	160GB	No with normal operation	Fonts, saved jobs, job accounting records, and temporary storage for spooling	Overwrite or Service Diagnostic Procedure

Additional Information:

This System disk contains fonts, and job files downloaded by the user to the device. During normal operation, job files are not stored on this disk. One exception is "Print From", "Saved Jobs" feature. Customer jobs saved on the machine's hard disk using this feature must be manually deleted by the customer. If Image Overwrite is installed and full disk overwrite is selected all saved jobs will be erased.

User data and image data may be completely erased if optional Image Overwrite kit is installed and enabled. Using a three-pass algorithm which conforms to U.S. Department of Defense Directive 5200.28-M (DOD Directive 8500.1 supersedes 5200.28M).

The partitions containing user data may be encrypted using a FIPS-140 compliant encryption algorithm.

USB Port(s)

Complete an entry for each USB port

USB port and location	Purpose
Rear Panel – 1 Target port	User PC direct connection for printing.
USB Host Connector on the printer controller board	Can be used to upgrade the firmware of the device. Cannot be used to transfer data from the printer to another machine.

Additional Information:

Feeder and Finisher Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Phaser 7800 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.**

Feeder Module Descriptions

Optional Input Tray Modules

The optional tray modules never contain job data or Personally Identifiable Information. They have no memory inside the device is used for configuration settings and normal operation.

Finisher Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Phaser 7800 supported finisher. 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 Stapler and Stacker

The Stapler and 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.