



Statement of Volatility

Phaser 7100

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Device Module Descriptions

Signature Block

This evaluation and summary was completed by:

Signature	
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Job Title	Software Technical Program Manager
Job Function	
Preparation Date	09/25/2012

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox Phaser 7100N print engine.

Volatile Memory Description				
Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
SRAM (MCU PWBA)	16KB	N	Temporary storage of variables	SRAM is erased when machine is powered off.
SDRAM (system memory DIMM)	1GB	N	Temporary storage of program, and work area	SDRAM is erased when machine is powered off.
Battery-backed SRAM (ESS PWBA)	2Mbit (256k x 8bit)	N	Permanent storage of machine setting data/job log data. User image data are not stored.	SRAM is not erased when machine is powered off. Not customer alterable.
Additional Information:				

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
Flash (MCU PWBA)	256KB	N	Permanent storage of program. 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.
Flash (ESS PWBA)	64MB 512Mbit (32Mx16bit)x1	N	Permanent storage of scheduling and marking programs and font data. User image data are not stored.	Not customer alterable.
SEEPROM (ESS PWBA)	8Kbit	N	Permanent storage of machine setting data. User image data are not stored.	Not customer alterable.
Additional Information:				



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:
ide0/a	N	3726MB	N	Resources data storage	At the deletion of data
ide0/b	N	5588MB	N	Print data temporary storage	At the completion of job
ide0/c	N	7451MB	N	Private/Mailbox storage	At the deletion of data
ide0/d	N	3726MB	N	PDL/mail data temporary storage	At the completion of job
ide0/h	N	3726MB	N	Management data storage	At the deletion of data
ide0/j	N	13970MB	N	Image Log storage	At the completion of transferring image log to server
ide0/l	N	932MB	N	XCP plug-in data storage	At the deletion of data
ide0/o	N	1863MB	N	Debug log storage	At the deletion of data
ide0/p	N	3726MB	N	Firmware backup storage	None
<p>Additional Information: Phaser 7100 Hard Disk is an optional upgrade 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.driver). ide0/b: EPC print data which are decomposed and temporarily stored on this partition. ide0/c: Security print data, and proof print data. ide0/d: PDL and mail data are received and temporarily stored on this partition. ide0/h: Management data are authentication database, job log, audit log, certificate, development log. ide0/j: Image Log remains on this partition until Image Log is transferred to server. Phaser 7100N does not support the Image Log feature and the partition is not used. ide0/l: XCP (eXtensible Customizing Platform) plug-in data to enable peripherals including 3rd vendors' (e.g. SmarCard reader) ide0/o: Debug log for engineering purpose. It is used under special situation, such like development phase. ide0/p: Firmware of previous and current are stored as backup when firmware is upgraded. Data remain until next firmware upgrade.</p> <p>If the optional hard drive is installed, Immediate Image Overwrite is supported. The admin may enable it through CentreWare Interent Services (Web UI), and also at the Local UI. Admin may select either 1 or 3 pass Overwrite.</p>					

Media and Storage Descriptions					
Type (Flash drives tape drives, CF/SD/XD memory cards, etc.):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Clear:
None					
<p>Additional Information:</p>					

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 port is used for local printing(Rear Panel Side), One USB-Device port is used for machine diagnostics/maintenance (Rear Panel Side) .
One USB-Host port located on the ESS	One USB-Host port is used for connecting media card reader (Rear Panel Side), Phaser 7100N does not support it and the port is covered with a metal plate.
Additional Information:	

RFID Devices	
RFID Device and location	Purpose
N/A	No RFID Devices are contained in the Phaser 7100.
Additional Information:	