







COLOR/MONO



SECURITY

り INFORMATION

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PREFACE

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NOTES, CAUTIONS AND WARNINGS

NOTE

A note provides additional information to supplement the main text.

CAUTION!

A caution provides additional information which, if ignored, may result in equipment malfunction or damage.

WARNING!

A warning provides additional information which, if ignored, may result in a risk of personal injury.

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DOCUMENT SECURITY

Document security can be breached in many ways. Some are obvious and can be remedied quite easily;

- > Unattended documents left in a printer's output tray. Even one connected "one-toone" with a computer.
- > Worse still, unattended documents left in a networked printer's output tray, for all to see!
- > Personnel possessing confidential documents off-site.

Other security risks may not be so obvious.

As printers and multi-function products become more sophisticated so must the security measures to ensure your valuable data is kept secure.

If left unprotected, access to records can be achieved via a networked machine. On-board storage devices may contain confidential data such as PIN numbers, personnel names and IP addresses as well as raw text.

Your machine has a number of valuable features which, when enabled, reduce the risk of security breaches.

The following chapters guide you through the initial set up and also explain how you use the secure printing features.

GLOSSARY

IP	Internet Protocol
MAC Address	Media Access Control Address
PIN	Personal Identification Number
SSL	Secure Sockets Layer
TLS	Transport Layer Security
Storage device	Hard disk drive (HDD) or SD card

SETTING THE SECURITY

Although, in most cases, it is possible to program your machine via the operator panel, the most effective way is via the web page.

NOTE

Example screenshots are used throughout this manual and as such may not represent the screens displayed for your machine. Some of the features shown on the example screenshots may not be available on your machine.

ACCESSING THE WEB PAGE

Type the IP address of the machine in the URL field of your browser and then press **Enter**. The machine web page appears. For example: *http://10.18.207.15*

atus			Toner Remain	
er Status			Cyan: 💻	90%
er Summary	ONLINE	Refresh	Magenta:	90%
ork Summary	201-2010 Allina - Al		Yellow:	90%
b List			Black: 📕	90%
int	Printer Information		Print Service	Enabled
nks	Printer Name	OKI-XXXXX -CBOEA4	LPR	۲
	IP Address	10.18.207.115	Port9100	•
dministrator Login	MAC Address	00:80:87:CB:0E:A4	FTP	0
annist acor Login	Printer Location		IPP	0
	Printer Serial Number	AA71009812	NetWare	0
	Printer Asset Number		PServer	
	Contact Name - Administrator		NetWare RPrinter	0
	Tenul	A4166	EtherTalk	•
	MDTrou		NetBEUI	•
	Duploy	A4 SEF	Setting Service	Enabled
	Hard Dick	Installed	SNMP	•
	Momoriu	256 MB	WEB	•
	merriory	230 MB	Telnet	õ
	Version Information	Treature opp	NetBEUI	0
	cu	E1.03		
	PU	00.00.32		
	Network Firmware	06.51		
	Web Remote	W6.51		
	Web Language	W6.51		

Adjusting the security settings

You must log on as the administrator to adjust the security settings.

NOTE

The Administrative Settings are blocked by a password. Refer to your user documentation for the factory default settings.

It is recommended that the system administrator creates a new password, refer to "Password configuration" on page 15.

- 1. Click Administrator Login.
- **2.** Enter the correct user name and password.
- 3. Click Login.

The initial administration entry screen is displayed.

OKI PRINTING SOLUTIONS				
Setup Printer				
This is the first login to the If you would like to perforpress "OK". Otherwise pr	ie printer web page. rm basic setup of the device, plea ess "SKIP".	se complete the fields, and		
Printer Identification				
Printer Name	OKI-XXXXX-CBOEA4	x.31characters)		
	This is the devices identity on th	e network (sysName, and Printer		
The Printer Name can be -	applied to the following by checkin	ig the boxes:		
	🔲 NetWare Print Server Name			
	🔲 NetWare Printer Name			
	🔲 EtherTalk			
Short Printer Name	XXXXX-CBOEA4 (Max.15d	naracters)		
	This is Printer Name for WINS an characters can be used (alpha/n acceptable.)	d NetBEUI. A maximum of 15 umeric characters and "-" are		
Printer Location		(Max.255 characters)		
Printer Asset Number	(Max.8 characters)			
Contact Name - Administrator		(Max.255 characters)		
Protocol				
тср/ір	ENABLE			
NetBEUI	ENABLE 💌			
NetWare	ENABLE			
EtherTalk	ENABLE			
OK SK	(IP Do not show this page	again.		

4. Click **Skip** to navigate to the main menu page.

Status			Toner Remain		
inter Status		Refresh	Cyan: 💻	90%	
inter Information	ONLINE		Magenta:	90%	
Information		Status Win	dow Yellow:	90%	
• Supplies			Black:	90%	
vork Information	Printer Information		Print Service	Enabled	
General	Printer Name	OKI- XXXXX -CB0EA4	LPR	•	
IEEE802.1X	IP Address	10.18.207.115	Port9100	0	
TCP/IP	MAC Address	00:80:87:CB:0E:A4	FTP	0	
NetBEUI	Printer Location		IPP	Ō	
IPP	Printer Serial Number	AA71009812	NetWare	•	
SNMP	Printer Asset Number		PServer	X	
Email NetWare	Contact Name - Administrator		NetWare RPrinter	0	
EtherTalk		LATER.	EtherTalk	•	
SNTP	Trayi	A4 LEF	NetBEUI	•	
laintenance	MPTray	A4 SEF	Setting Service	Enabled	
inter	Duplex	Installed	SNMP	0	
etwork	Manager	AFC MD	WEB	ŏ	
b List	Memory	230 MB	Telnet	õ	
int	Version Information		NetBEUI		
	CU	E1.03			
scurity	PU	00.00.32			
aintenance	Network Firmware	06.51			
nks	Web Remote	W6.51			
	Web Language	W6.51			
	Convright (c) 2006 Oki Data Cornoratio	n All rights received		

5. From the left hand menu select Security.

» Status	Protocol		1
» Printer	TCP/IP	Enable	
Network	NetBEUI	Disable V	
» Job List	NetBIOS over TCP	Enable	
» Print	NetBros over rer	Disable w	
Security	Netware	Disable M	
Protocol ON/OFF	EtherTalk	Disable M	
IP Filtering	Service		
MAC Address Filtering SSL/TLS	Web (Port No. ; 20)	Enable	
IPSec	IPP (Port No. : 631)	Disable 💌	
Change Admin Password	Telnet	Disable 💌	
Change Network Password	FTP	Disable 💙	
Maintenance	SNMP	Enable V	
» Links	POP	Disable Y	
	SNTP	Disable 🖌	
	Submit Cancel	Press Submit to send changes. Press Cancel to clear chang	es.
Done		_	Local intranet

Refer to the following chapters for instructions on how to set your security preferences.

NOTE High level instructions are given, for more details refer to the information on screen.

PROTOCOL ON/OFF

To set up the security protocol:

1. From the left hand panel select **Protocol ON/OFF**.

PRINTING SOLUTIONS			
» Status	Protocol		4
» Printer	TCP/IP	Fnable	
» Network	NetBEUI	Disable V	
» Job List	NetBIOS over TCP	Enable	
» Print	NetWare	Dicable V	
Security	EtherTalk	Disable v	
Protocol ON/OFF	Etileriak	Disable	
•IP Filtering	Service		
•MAC Address Filtering •SSL/TLS	Web (Port No. : 20)	Enable 3 ⁴ "DISABLE", you can not access from your Web browser, and, you can not print with WSD-port.	
•IPSec	IPP (Port No. : 631)	Disable 💌	
•Change Admin Password	Teinet	Disable 💌	
*Change Network Password	FTP	Disable 👻	
» Maintenance	SNMP	Enable 🖌	
» Links	POP	Disable 👻	
	SNTP	Disable 💌	×
	Submit Cancel	Press Submit to send changes, Bress Cancel to clear changes	

- 2. From the drop down menus select **ENABLE** / **DISABLE** as appropriate.
- **3.** Input the port numbers as appropriate.
- 4. Click **Submit** to save the changes or **Cancel** to exit.

PANEL LOCKOUT

To activate the lockout facility on the printer control panel:

1. From the left hand panel select **Panel Lockout**.

OKI							
PRINTING SOLUTIONS							
W Okabura							
" status	Operator Pane	el Lockout					
» Printer	Lock printer's o	nerator nane	l to prevent menu changes				
» Network	Loon printer 5 .	iperator pane	n to provent mente energes				
» Job List							
» Print							
* Socurity							
Part of Overs							
•Protocol UN/UFF							
Panel Lockout							
•IP Filtering							
•MAC Address Filtering							
•SSL/TLS							
•Password Configuration							
» Maintenance							
» Links							
	Submit	Cancel	Press Submit t	o send changes. Press Cance	el to clear changes.		
a http://10.19.207.115/Jack.htm						1	Internet
mtp://10.10.20/.115/lock.htm							anternet

- 2. From the drop down menu select **LOCK**.
- 3. Click **Submit** to save the changes or **Cancel** to exit.

IP FILTERING

To enable IP filtering:

1. From the left hand panel select **IP Filtering.**

OKI PRINTING SOLUTIONS								
					1111	111 111		
» Status	ID Cills	100						1
» Printer	CTED 1	Select ID Eilterin	e Cattings			P		
» Network	ID Citto	select IP Filterin	Disable M					
» Job List	IF Face		CALITIONIU II W	ou set 19 Eltering to Er	ahle your	an		
» Print			access the prin	ter only from hosts at	IP Address	es set		-
• Security	STEP2.	Set IP Address r	ange. 💰					
*Protocol ON/OFF	Enter th	e ranges of the ho	st IP Addresses and	permissions to print to	, or config	are .		
•IP Filtering	the prin Complet	ter. te / valid IP Addres	ses only. Value of D.I	0.0.0 is an invalid addr	ess.			-
•MAC Address Filtering	Prioritie	s can be given to o es are used.	letermine precedence	e when overlapping rar	nges of			
+SSL/TLS	(CAUTIC	INIT)						
+IPSec	When c	heddbox of "Config	"is not marked, you o	an not print with WSD	-port.			
•Change Admin Password	Admin I	P Address, if set in	STEP 3, overrides all	configuration settings	in this sed	ion.		
*Change Network Password	Priority	Address Range	IP Add	ress Range	Printing	Confin		
» Maintenance		ND.	Start Address	End Address				
Hamenande	Low	1	0.0.0.0	0.0.0.0				
²⁰ Links		2	0.0.0.0	0.0.0.0				
		3	0.0.0.0	0.0.0.0				v
	Subr	nit Cancel	Press Submi	t to send changes. Pre	ss Cancel	o clear cha	nges.	-
1	1					111	S Local intranet	

- 2. From the drop down menu select **ENABLE**.
- **3.** Input the range of host IP addresses and set permissions in the main table.
- 4. Click **Submit** to save the changes or **Cancel** to exit.

MAC ADDRESS FILTERING

To enable MAC address filtering:

1. From the left hand panel select **MAC Address Filtering**.

OKI PRINTUNO SOLUTIONS					
» Status	MAC Address Filteri	na			â
» Printer	STEP1. Select MAC A	ddress Filtering	Settings		
» Network		Enable	×		
» Job List	MAC Address Filtering	CAUTIO	N!! If you set	MAC Address Filtering to Enable,	
» Print		you will with MA	only be able t C Addresses	to access the printer from devices set in STEP2 and STEP3.	
Security	STEP2. Set Filtering	MAC Address			
*Protocol ON/OFF	Communication from following MAC Addres	he Acced	1 -		-
+IP Filtering	MAC A	ddress		MAC Address	
•MAC Address Filtering	1 00:00:00:0	0:00:00	26	00:00:00:00:00:00	
+SSL/TLS	2 00:00:00:0	0:00:00	27	00:00:00:00:00:00	
*IPSec	3 00:00:00:0	0:00:00	28	00:00:00:00:00:00	
*Change Admin Password	4 00:00:00:0	0:00:00	29	00:00:00:00:00	
*Change Network Password	5 00:00:00:0	0:00:00	20	00:00:00:00:00:00	
» Maintenance	5 00.00.00.0	0.00.00	30	00.00.00.00.00	
» Links	6 00:00:00:0	0:00:00	31	00:00:00:00:00:00	
	7 00:00:00:0	0:00:00	32	00:00:00:00:00:00	
	8 00:00:00:0	0:00:00	33	00:00:00:00:00:00	2
	Submit Can	pel Press	: Submit to se	nd changes. Press Cancel to clear	thanges.
Done					Second intranet

- **2.** From the drop down menu select **ENABLE**.
- **3.** From the second drop down menu select **ACCEPT**.
- **4.** Input the MAC addresses in the main table.
- 5. Click **Submit** to save the changes or **Cancel** to exit.

SSL/TLS

To enable SSL/TLS encryption:

1. From the left hand panel select **SSL/TLS**.

 Status Printer Network Job List Print Security Protocol ON/OFF IF Filtering MAC Address Filtering \$351/115 Pface 	Encryption of " You can use SSU, Cipher Setting: SSL/TLS can encr printing via "IPP" STEP1. To enait If "Enait SSL/TLS: STEP2. Create a @ Using self-s O Using a Cert Note:Purchase	Configuration" and "Print" TLS for data encryption. ypt both Printer Configuration 1 e encryption, turn "SSL/TLS = E lea", you can not print with WSI control of print with wSI c	via the webpage and Print Data when Enable". - Joort. 	
<pre>*Change Admin Password *Change Network Password * Maintenance * Links</pre>	Please provide th Name Common Name OK Cance	Is required for signed Certifica e following information *Requi Example Also known as URL, the Common Name is the fully qualified domain name (PQON) used for DNS lookups of your printer. The certain stion pame Press OK to send	red Valua • 192.169.1.60 changes. Press Cancel to clear changes.	×
javascript:void(0)				Secol intranet

- 2. From the drop down menu select **ENABLE**.
 - *NOTE Click icon for an explanation of the options available.*
 - check feel for an explanation of the options avai
- **3.** Click the **Cipher Level Setting** link.
- **4.** Select the level setting from the drop down menu options:
 - > Strong
 - > Standard
 - > Weak
- 5. Click **OK** to confirm.
- 6. Select the required option from Step 2: Create a Certificate.

NOTE

Click icon for an explanation of the options available.

- **7.** Input the required information into the main table.
- **8.** If required, update the following information:
 - > Key Exchange Method
 - > Key Size
- 9. Click **OK** to save the changes or **Cancel** to exit.

IPSEC

To enable IPSec encryption:

1. From the left hand panel select **IPSec**.

OKI PRINTINO SOLUTIONS					
					1111
» Status	IDSec				
» Printer	STEP1.	IPSec			
* Network	IPSec		Enable V		
» Job List	STEP2.	IP Address Settings			
» Print	(Examp)	e: "192.168.0.2 ")			
Security	Complet	e / valid IP Addresse	s only. Value of 0.0.0.0	is an invalid address.	
*Protocol ON/OFF		IP Address	26	IP Address	
•IP Filtering	1	0.0.0.0	20	0.0.0.0	
•MAC Address Filtering	2	0.0.0.0	27	0.0.0.0	
+SSL/TLS	3	0.0.0.0	28	0.0.0	
•IPSec	4	0.0.0.0	29	0.0.0	
•Change Admin Password	5	0.0.0.0	30	0.0.0.0	
Change Network Password	6	0.0.0.0	31	0.0.0	
» Maintenance	7	0.0.0.0	32	0.0.0.0	
* Links	8	0.0.0.0	33	0.0.0.0	
	9	0.0.0	34	0.0.0.0	
	Subr	nit Cancel	Press Submit to s	end changes. Press Cance	el to clear changes.
🕘 Done					Scal intranet

- 2. From the drop down menu select **ENABLE**.
- 3. Enter valid IP Addresses in the **STEP2. IP Address Settings** table.
- 4. Update the **Phase 1 Proposal Settings** as required.
- 5. Enter the **Pre-Shared Key Settings** (max. 64 characters).
- 6. Update the Key PFS Settings as required.
- 7. Update the **Phase 2 Proposal Settings** as required.
- 8. Click **Submit** to save the changes or **Cancel** to exit.

PASSWORD CONFIGURATION

To change the administrator password:

1. From the left hand panel select **Admin Password**.

OKI			
» Status	Admin Password		
» Printer	New Admin Password	(6-12 characters)	
* Job List	Verify Admin Password	(6-12 characters)	
» Print			
4 Security			
Protocol ON/OFF			
IP Filtering			
MAC Address Filtering			
SSL/TLS			
Change Admin Password	12		
Change Network Password			
» Maintenance			
» Links			
	Submit Cancel	Press Submit to send changes. Press Cancel to clear changes.	
Done	- daman	Second Second	intranet

- **2.** Enter your new password.
- **3.** Enter your new password again to confirm.
- 4. Click **Submit** to save the changes or **Cancel** to exit.

To change the network password:

1. From the left hand panel select **Change Network Password**.

PRINTING SOLUTIONS			
Status	Network Password		
Printer	New Network Password	(Max.15 characters)	
Job List	Verify Network Password	(Max.15 characters)	
Print			
Security			
otocol ON/OFF			
Filtering			
C Address Filtering			
lec			
inge Admin Password			
inge Network Pasaword			
Maintenance			
Links			

- **2.** Enter your new password.
- **3.** Enter your new password again to confirm.

NOTE Maximum 15 characters.

4. Click **Submit** to save the changes or **Cancel** to exit.

USING THE PRINTER SECURITY FEATURES

NOTE

Example screenshots are used throughout this manual and as such may not represent the screens displayed for your machine. Some of the features shown on the example screenshots may not be available on your machine.

SECURE PRINTING

Secure printing allows you to print confidential documents on machines that are shared with other users in a network environment.

The document does not print until a PIN (Personal Identification Number) is entered through the control panel. You must go to the machine and enter the PIN.

This feature requires a storage device option to be fitted to your machine and enabled in the printer driver.

If there is not enough space for the spooled data, a "Disk Full" message displays, and only one copy prints.

NOTE

- **1.** The secure printing feature may not be available from within some PC applications.
- 2. This feature is not supported on Mac OS X.

If your application software has a collate print option, turn it off otherwise secure printing will not work.

There are three parts in secure printing:

- > "Sending the document" on page 17
- > "Printing the document" on page 18
- > "Deleting a secure print document" on page 19

NOTE

The menu buttons on your machine's control panel vary depending on the model.

For illustration purposes we will demonstrate the Printing and Deleting procedures using the **+**/**-** *and* **Enter** *buttons; your machine may have* **Up**/ **Down** *and* **Return** *arrow buttons instead however the procedure is identical.*

If your machine has a touch screen and numerical keypad buttons, the principle is basically the same; press the **Print** button to access the print menu options. There are on-screen instructions to guide you through the process.

SENDING THE DOCUMENT

- **1.** If using the PCL driver, in the **Setup** tab choose any saved driver settings you wish to use.
- 2. In the driver's Job Options tab, click Secure Print.

The Job PIN (Personal Identification Number) window opens.



- **3.** If the PIN window does not open, click the **PIN** button.
- **4.** In the Job PIN window, enter a *name* for this print job.

The name may be up to 16 alpha-numeric characters.

- **5.** If you would like a prompt at the machine for the job name, click the **Request...** check box below the name entry.
- 6. Enter a number from 0000 to 9999 in the **PIN** box.

Your PIN must be unique on this machine. Each user should be allocated a PIN by the system administrator.

7. Click **OK** to accept your changes.

NOTE

Leave the number of copies set to one. You can increase the copy count from the operator panel when you print the document.

- 8. Click **OK** to close the **Printer Properties** window.
- **9.** Print your document.

The print job will be sent to the machine, but will not print at this time.

PRINTING THE DOCUMENT

NOTE

The menu buttons on your machine's control panel will vary depending on the model.

For illustration purposes we will demonstrate the following procedure using the **+/-** and **Enter** buttons; your machine may have **Up/Down** and **Return** arrow buttons instead however the procedure is identical.

If your machine has a touch screen and numerical keypad buttons, the principle is basically the same; press the **Print** button to access the print menu options. There are on-screen instructions to guide you through the process.

Your secure print job is printed using the control panel on the front of the machine.

- **1.** When the machine is idle, use the +/- buttons to select the PRINT JOB menu, then press **ENTER**.
- 2. Select ENCRYPTED/STORED JOB.
- **3.** Use the **+**/**-** buttons to enter your PIN. Press **ENTER** after each digit.
- **4.** If necessary, use the **+/-** buttons to highlight the **PRINT** option.
- **5.** Press **ENTER** to confirm you wish to print the document.
- **6.** Use the **+**/**-** buttons to select the number of collated copies you require.
- **7.** Press **ENTER** to print your document.

NOTE

It is also possible to print and delete secure documents remotely from your PC using the Storage Device Manager utility.

DELETING A SECURE PRINT DOCUMENT

NOTE

The menu buttons on your machine's control panel will vary depending on the model.

For illustration purposes we will demonstrate the following procedure using the **+/-** and **Enter** buttons; your machine may have **Up/Down** and **Return** arrow buttons instead however the procedure is identical.

If your machine has a touch screen and numerical keypad buttons, the principle is basically the same; press the **Print** button to access the print menu options. There are on-screen instructions to guide you through the process.

If you change your mind about printing a secure document, you can delete it from the machine's storage device without printing it first.

- **1.** Follow steps 1 to 3 in the above procedure for printing the document.
- **2.** Use the +/- buttons to highlight the DELETE option and press **ENTER**.
- **3.** If necessary, use the **+**/**-** buttons to highlight the YES choice, and press **ENTER** to confirm the deletion.

Your document is deleted from the machine's storage device without printing.

NOTE

It is also possible to print and delete secure documents remotely from your PC using the Storage Device Manager utility.

STORE TO STORAGE DEVICE

This feature allows print jobs to be created on the PC and stored on the machine's storage device for printing on demand. This is good for forms, generic memos, letterhead, stationery, etc.

If you use this feature for standard forms, for example, you can walk up to the machine at any time and print off your forms without having to re-send them from the PC.

This feature works in exactly the same way as the secure printing feature described earlier in this chapter, and is available only in the Windows PostScript and PCL drivers. The difference with job spooling is that the document is not automatically deleted from the machine's storage device after printing. It remains there for future use until you delete it from the Printer Control Panel or from your PC with the Storage Device Manager utility.

NOTE

- **1.** If this choice does not appear in the driver screens, or if it is greyed out, check to ensure that the storage device is enabled in the printer driver.
- **2.** This feature is not supported on Mac OS X.

Like the secure printing feature, there are three activities in job spooling:

- > Sending the document
- > Printing the document
- > Deleting a stored document

SENDING THE DOCUMENT

Follow the same procedures as described in the section "Sending the document" on page 17 for sending a secure document, except that on the **Job Options** tab in step 2, click:

- > Store to HDD if you have a hard disk drive installed
- > Store to SD if you have an SD card installed



PRINTING THE DOCUMENT

Follow the same procedures as described in "Printing the document" on page 18 for printing a secure document. In this case the document will not be deleted from the storage device after it has been printed.

DELETING A STORED DOCUMENT

Follow the procedure as described in "Deleting a secure print document" on page 19 for deleting a secure print document.

Like secure print documents, any other documents stored on the machine's storage device can also be deleted remotely from the PC using the Storage Device Manager utility.

ENCRYPTED SECURE PRINTING

Security over the network is an increasing concern for some organisations. Encrypted secure printing allows you to send, store and print confidential documents on machines that are shared with other users in a network environment.

Encrypting your documents before sending them to your machine will prevent unauthorised personnel accessing confidential or sensitive information.

Print jobs are encrypted immediately before transmission to the machine, where they are stored in an encrypted format on the storage device. The documents will remain stored and unprinted until an authorised user authenticates the print job; decryption only happens when the job is actually printing.

This feature requires a storage device to be installed in your machine and enabled in the printer driver.

NOTE

- **1.** The secure printing feature may not be available from within some PC applications.
- **2.** This feature is not supported on Mac OS X.

If your application software has a collate print option, turn it off otherwise encrypted printing may not work.

As deletion is automatic, there are only two activities in encrypted secure printing:

- > Sending the document
- > Printing the document

SENDING THE DOCUMENT

- 1. If using the PCL driver, in the **Setup** tab choose any saved driver settings you wish to use.
- 2. In the driver's Job Options tab, click Encrypted Secure Print.

The Encrypted Secure Print window opens.



3. In the Encrypted Secure Print window, enter a *Password* for this print job:

The password must be between 4 and 12 alpha-numeric characters. Numbers 1 to 9 and letters a to z are all valid.

- **4.** If you would like a prompt at the machine for the job password, click the **Always ask for password** checkbox below the password entry.
- 5. Select the required erase option for your print job:

If you have a hard disk installed, select from the following options:

- > **No overwrite**: deletes the job from the hard disk but doesn't overwrite with data. This option is faster but less secure as the print data may be recovered.
- Zero out once: deletes the job from the hard disk and overwrites with zeros. This option is more secure than "No overwrite" but it may still be possible to reconstruct the print job from the hard disk.
- > **Multiple Random Overwrites**: deletes the job from the hard disk and overwrites it three times. This option is the slowest but the most secure.

If you have an SD Card installed, select from the following options:

- > **No overwrite**: deletes the job from the SD card but doesn't overwrite with data. This option is faster but less secure as the print data may be recovered.
- > Zero out once: deletes the job from the SD card and overwrites with zeros. This option is more secure than "No overwrite".
- 6. Select the Auto Erase Time-out period.

Specify a period of time (hours:minutes) during which the print job is stored in the machine's storage device. When this period expires, the print job is automatically erased from the storage device.

- 7. Click **OK** to accept your changes.
- 8. Click **OK** to close the Printer Properties window.
- **9.** Print your document.

PRINTING THE DOCUMENT

Follow the same procedures as described in the section "Printing the document" on page 18 for printing a secure document.

In this case you will enter your password, and the document will be erased from the storage device depending on the options you specified in Sending the document, step 5 "Select the required erase option for your print job:." on page 22 when sending the document to print.

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