

i n v e n t

**hp** embedded web server

**hp** LaserJet 9055mfp

**hp** LaserJet 9065mfp



**hp embedded web server**

**user guide**

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# 1 Overview

## What is an embedded Web server?

A Web server provides an environment in which Web programs can run, much in the same way that an operating system, such as Microsoft® Windows®, provides an environment in which programs can run on your computer. A Web browser, such as Microsoft Internet Explorer or Netscape Navigator, can show output from a Web server.

An “embedded” Web server (EWS) resides on a hardware device (such as a printer) or in the firmware, rather than as software that is loaded on a network server.

The advantage of an embedded Web server is that it provides an interface to the product that anyone who has a network-connected computer and a standard Web browser can open and use. No special software needs to be installed or configured.

With the HP Embedded Web Server, you can view product status information, change settings, and manage the product at your computer.

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**Note**

In this guide, the terms “product” and “device” are sometimes used interchangeably. When products or devices are discussed in this guide, the information pertains to HP LaserJet printers, HP color LaserJet printers, and HP LaserJet MFPs unless otherwise noted. For specific information about the features that your printer or MFP supports, see the documentation that came with your product.

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## Features

You can use the HP Embedded Web Server to view product and network status and to manage printing functions from your computer, rather than at the product control panel. With the HP Embedded Web Server, you can perform these tasks:

- View control-panel messages and product-status information.
- Determine the remaining life for all supplies.
- Gain access to the product's technical support page.
- Gain access to specific support for recent product events.
- View and change tray configurations.
- View and change product configuration.
- View and print information pages, such as the Configuration page.
- Receive alerts about product events, such as when the product is low on supplies, through e-mail.
- Add or customize links to other Web sites.
- Select the language in which to display the HP Embedded Web Server pages.
- View and change network configuration.
- Print to an HP product without installing a printer driver.
- Configure specific ordering information for supplies.
- Schedule copier shutdown and wakeup times.
- Set up copy and send authentication and tracking.
- Send device configuration and supplies usage information periodically to your service provider.

## HP Web Jetadmin and the HP Embedded Web Server

HP's Web Jetadmin is a Web-based system management tool that you can use with a Web browser.

The HP Embedded Web Server and Web Jetadmin work together to meet all of your product management needs. You can install and manage networked devices effectively. Network administrators can manage networked devices remotely, from practically anywhere.

The HP Embedded Web Server provides a simple, easy-to-use solution for one-to-one product management in environments that have a limited number of products. However, environments that have several products might want to use HP Web Jetadmin for group product management. With HP Web Jetadmin you can discover, manage, and configure multiple devices simultaneously.

HP Web Jetadmin is available from HP online support (<http://www.hp.com/go/webjetadmin>).

## System requirements

- A Web browser installed on your computer. The HP Embedded Web Server is designed to work best with later versions of most Web browsers. For example, Netscape Navigator 6.2 or later, or Microsoft Internet Explorer 5.01 and later for Macintosh computers or Internet Explorer 6.0 or later for Windows work well with this Web server.
- A transmission control protocol/Internet protocol (TCP/IP)-based network connection.
- An HP Jetdirect print server enhanced input/output (EIO) network card.



# Opening the HP Embedded Web Server

## Note

You cannot view the HP Embedded Web Server pages from outside a firewall.

- 1 Open a Web browser.
- 2 In the **Address** or **Go to** field, type the IP address that is assigned to the product (for example, `http://192.168.1.1`) or the host name (for example, `http://www.[your_server].com`).

If you do not know the IP address for the product, it is listed on the Configuration page. See the user guide that came with your product to see how to print a Configuration page at the control panel.

## Login and logoff

The HP Embedded Web Server has pages that can be used to view product information and change configuration options. The pages that appear, and the settings on them, vary according to how you gain access to the HP EWS - as a general user, an information technology (IT) administrator, or a service provider. These passwords can be customized by an IT administrator or a service-provider user.

In a password-protected HP Embedded Web Server, only the Information tab is available to a user who is not logged in using the password. If no password has been set, or if you log in as an IT administrator or a service provider, all three tabs (Information, Settings, and Networking) are visible when you open the HP Embedded Web Server.

If a password has been set, you must log on as an IT administrator or a service user to gain access to the protected HP Embedded Web Server tabs (Settings and Networking). To log in, click the **Login** link. The Enter Network Password dialog box appears, as shown in the following illustration.

## Note

The appearance of the login screen may vary, depending on your operating system.



For information about changing passwords as an IT administrator, see [“Security” on page 31](#). If you are a service provider, see your product service guide.

If you are logged on as an IT administrator, either close the browser or click the **Logoff admin** link in the upper right corner of the screen, and then close the browser.

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**Note**

To finalize the logoff, you must close the browser.

# Navigating through the HP Embedded Web Server

To navigate through the HP Embedded Web Server pages, click one of the tabs (**Information**, **Settings**, and **Networking**) and then click one of the menus on the navigation bar that is located on the left side of the screen.

The following illustration and table provide information about the EWS screens.

## Note

The appearance of the EWS screens may differ from the illustrations in this user guide, depending on product features and settings determined by your IT administrator.

The screenshot shows the HP Embedded Web Server interface for an hp LaserJet 9065mfp. The interface is divided into several sections:

- Header:** hp LaserJet 9065mfp / 192.168.0.10
- Navigation Bar:** Information, Settings, Networking, Log In
- Left Sidebar:** Device Status, Configuration Page, Supplies Status, Event Log, Usage Page, Device Information, Print
- Main Content Area:**
  - Device Status:** Ready, Continue (with a green checkmark icon)
  - Supplies:**
    - Black Toner: OK (Order HP Part: Q3681C (Americas), Q3682C (Europe), Q3683C (Asia Pacific))
    - Front Staples: OK (Order HP Part: Q3641A)
    - Rear Staples: OK (Order HP Part: Q3641A)
  - Media:**

Input/Output	Status	Size	Type
Tray 1	Full	LETTER	PLAIN
Tray 2	Full	A3	PLAIN
Tray 3	Full	LETTER	PLAIN
Tray 4	Full	LETTER	PLAIN
Tray 5	Full	LETTER	PLAIN
UPPER OUTPUT	OK	N/A	N/A
MAIN OUTPUT	OK	N/A	N/A
  - Capabilities:**
    - Device Serial Number: CNZZX91001
    - Print Controller Serial Number: S46XXXXXXXX
    - ICB Firmware Version: C7-0202
    - PRCB Firmware Version:
      - C1: 37-B002
      - C2: 15-B000
      - C3: 16-EBG0

Callout	EWS screen feature	Description	More information
1	Product name and IP address	View the product name and Internet Protocol (IP) address.	

Callout	EWS screen feature	Description		More information
2	Tabs	<b>Information</b> tab	View information about the product. You cannot configure the product from these pages.	See “Viewing product status from the Information pages” on page 7.
		<b>Settings</b> tab	Use the feature on this tab to configure the product.	See “Configuring the product from the Settings pages” on page 19.
		<b>Networking</b> tab	View network status and configure the product’s network card.	See “Managing network operation from the Networking pages” on page 45.
3	Login	Different for type of user	Log in as an IT administrator or service provider.	<ul style="list-style-type: none"> <li>See “Login and logoff” on page 3.</li> </ul>
4	Page content	Different on each menu	Click a menu to show a page.	<ul style="list-style-type: none"> <li>See “Viewing product status from the Information pages” on page 7.</li> <li>See “Configuring the product from the Settings pages” on page 19.</li> <li>See “Managing network operation from the Networking pages” on page 45.</li> </ul>
5	Menus	Different on each tab	Click a tab to show the menus.	
6	Other Links	hp instant support	Connect to a set of Web resources that help solve problems and describe what additional services are available for your HP product.	<ul style="list-style-type: none"> <li>See “Using the Other Links as a resource” on page 47.</li> <li>See “hp instant support” on page 48.</li> <li>See “Product Support” on page 48.</li> <li>See “My Service Provider and My Service Contract” on page 49.</li> </ul>
		Product Support	Use specific product help from HP’s Web site to solve a problem.	
		My Service Provider	Connect to the home page of your service provider. <b>Note:</b> This link appears only if it has been configured by the service provider.	
		My Service Contract	Connect to a page that displays the terms and limits of your service contract. <b>Note:</b> This link appears only if it has been configured by the service provider.	

# 2 Viewing product status from the Information pages

The Information pages are for informational purposes only; you cannot configure the device from these pages. To configure the device through the EWS, see [“Configuring the product from the Settings pages” on page 19](#).

The following are the Information pages:

- Device Status (page 8)
- Configuration Page (page 10)
- Supplies Status (page 13)
- Event Log (page 14)
- Usage Page (page 15)
- Device Information (page 16)
- Print (page 17)

---

**Note**

Some products do not support all of these pages.

# Device Status

Use the Device Status page to view the current status of the product. The following illustration and table describe how to use this page.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information Settings Networking Log In

1 Device Status  
Configuration Page  
Supplies Status  
Event Log  
Usage Page  
Device Information  
Print

2 Ready  
3 Continue

4 Supplies

Black Toner: OK  
Order HP Part: Q3681C (Americas), Q3682C (Europe), Q3683C (Asia Pacific)  
Front Staples: OK  
Order HP Part: Q3641A  
Rear Staples: OK  
Order HP Part: Q3641A

5 Supplies Details

6 Media

Input/Output	Status	Size	Type
Tray 1	OK	LETTER	PLAIN
Tray 2	OK	A3	PLAIN
Tray 3	OK	LETTER	PLAIN
Tray 4	OK	LETTER	PLAIN
Tray 5	OK	LETTER	PLAIN
UPPER OUTPUT	OK	N/A	N/A
MAIN OUTPUT	OK	N/A	N/A

7 Change Settings

8 Capabilities

Device Serial Number: CNZZX91001  
Print Controller Serial Number: S46XXXXXXXXX  
ICB Firmware Version: C7-0202  
PRCB Firmware Version:  
C1: 37-B002  
C2: 15-B000  
C3: 16-EBG0

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.
2	Device status	Shows the product’s status (the same as what appears on the control-panel display).
3	Control panel buttons	Use these control-panel buttons just as you would at the product. To select which control-panel buttons appear on this page, go to the Security page on the <b>Settings</b> tab.
4	Supplies	Shows the status for each supply item. Black Toner status can be OK, OUT, or LOW. Staple status (Front Staples or Back Staples) can be OK or OUT. Staple status appears only when a finishing device is installed.

<b>Callout</b>	<b>Area on the page</b>	<b>Information or capability provided by the area</b>
5	Supplies Details	Opens the Supplies Status page, where you can view information about device supplies.
6	Media	Shows the status and configuration information for the input trays and output bins.
7	Change Settings	Opens the Other Settings page, where you can change the paper type settings.
8	Capabilities	Lists components that are installed in the product.

## Configuration Page

Use the Configuration page to view current product settings, help troubleshoot printer problems, and verify the installation of optional accessories, such as dual inline memory modules (DIMMs) or paper-handling devices. The following illustration and table describe how to use this page.





1

- Device Status
- Configuration Page
- Supplies Status
- Event Log
- Usage Page
- Device Information
- Print

**Other Links**

- [hp instant support](#)
- [Product Support](#)

## Configuration Page

2

### Device Information

Product Name:	hp LaserJet 9065mfp
Device Name:	hp LaserJet 9065mfp
Device Model:	CXXXXA
Device Serial Number:	CNZZX91001
Print Controller Serial Number:	S46XXXXXXXX
PRCB Firmware Version:	C1: 37-B002 C2: 15-B000 C3: 16-EBG0 C4: 11-0000 C5: 12-B000
ICB Firmware Version:	D2-0101
Print Controller Firmware:	20031005 06.XXX.5
Service ID:	00000
PS Wait Time-out:	300 seconds

3

### Installed Personalities and Options

Print Controller:	
PCL	(20010402)
PCLXL	(20010402)
POSTSCRIPT	(20010402)
PDF	(20021216)
MIME	(105)
DIMM Slot 1:	Side 1: 8 MB Flash Side 2: 8 MB Flash
DIMM Slot 2:	Side 1: 128 MB SDRAM Side 2: 128 MB SDRAM
DIMM Slot 3:	Empty
DIMM Slot 4:	Empty
EIO 1:	HP J6073A
EIO 2:	HP JetDirect J6057A
DISK Storage:	18949 MB Capacity

4

### Memory

Print Controller Memory:	256 MB
Copy Controller Memory:	64 MB
DWS:	6.0
Automatic Resource Saving Enabled:	

5

### Print Controller Security

Control Panel Lock:	NONE
Control Panel Password:	DISABLED
Device Type: DISK	Write Protect: DISABLED

6

### Paper Trays and Options

Default Paper Size:	LETTER
Tray 1 Size:	LETTER
Tray 1 Type:	PLAIN
Tray 2 Size:	A3
Tray 3 Size:	LETTER
Tray 4 Size:	LETTER
Tray 5 Size:	LETTER
Duplex Unit:	
Stapler Unit:	
Hole Punch Unit:	

#### Internal

Hewlett-Packard  
 hp 2500 sheet multifunction finisher [12-exe2] Q3634A  
 hp 3 hole punch kit Q3635A  
 hp post-insertion kit Q3636A

#### Input Trays:

- 1: TRAY 1, 100 Sheets
- 2: TRAY 2, 500 Sheets
- 3: TRAY 3, 500 Sheets
- 4: TRAY 4, 1500 Sheets
- 5: TRAY 5, 4000 Sheets

#### Output Bins:

- 1: UPPER OUTPUT, 250 Sheets, Face Up/Down
- 2: MAIN OUTPUT, 2500 Sheets, Face Up/Down

**Note:** See the table on the following page for information about the callouts.

<b>Callout</b>	<b>Area on the page</b>	<b>Information or capability provided by the area</b>
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5.</a>
2	Device Information	Lists the serial number, version numbers, and other information for the product.
3	Installed Personalities and Options	Lists all of the printer languages that are installed (such as printer command language [PCL] and PostScript [PS]), and lists options that are installed in each DIMM slot and EIO slot.
4	Memory	Lists the memory information, PCL Driver Work Space (DWS), and resource saving information.
5	Print Controller Security	Lists the status of control-panel lock and disk write-protect options.
6	Paper Trays and Options	Lists the size and type of media that is specified for each of the trays in the product. If a duplexer or any paper-handling accessories are installed on the product, information about those devices is listed here as well.

# Supplies Status

The Supplies Status page shows more detailed supplies information and provides part numbers for genuine HP supplies. (It is helpful to have the part numbers available when ordering supplies.) The following illustration and table describe how to use this page.

The screenshot shows the HP Embedded Web Server interface for an hp LaserJet 9065mfp. The top navigation bar includes 'Information', 'Settings', and 'Networking' tabs, with 'Log In' on the right. The left sidebar contains a menu with 'Supplies Status' highlighted. The main content area is titled 'Supplies Status' and shows a 'Customer Installable' section. Two supply items are listed:

- Black Toner**: Order HP Part: Q3681C (Americas), Q3682C (Europe), Q3683C (Asia Pacific). Status: Toner Low Reached: NO, Pages Printed Since Low: 0.
- Staple Cartridge**: Order HP Part: Q3641A. Status: Front Staples: OK, Rear Staples: OK.

Callout 1 points to the navigation menu, callout 2 points to the Black Toner status, and callout 3 points to the Staple Cartridge status.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “ <a href="#">Navigating through the HP Embedded Web Server</a> ” on page 5.
2	Black Toner	Displays the toner part numbers, states whether or not the <b>Toner Low</b> status has been reached, and displays the number of pages printed since the <b>Toner Low</b> status was reached.
3	Staple Cartridge	Lists <b>Front Staples</b> and <b>Back Staples</b> status (OK or OUT) and HP Staple Cartridge part number. Staple status appears only when a finishing device is installed.

# Event Log

The Event Log shows the most recent device events, including printer jams, service errors, and other printer errors. The following illustration and table describe how to use this page.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information Settings Networking [Log In](#)

**1**

Device Status  
Configuration Page  
Supplies Status  
Event Log  
Usage Page  
Device Information **2**  
Print

## Print Controller Event Log

Serial Number: CNZZX91 001  
Number of Entries in Use: 3  
Maximum Number of Entries: 50

<b>3</b> Number	<b>3</b> Page Count	<b>4</b> Event	<b>5</b> Description
3	6060	68 3D03	
2	5080	68 0502	
1	3100	68 1C80	

**6** Other Links  
[hp instant support](#)  
[Product Support](#)

Callout	Area on the page	Information or capability provided by the area
<b>1</b>	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5.</a>
<b>2</b>	Number	Lists the order in which the errors occurred. The last error to occur has the highest number.
<b>3</b>	Page Count	Lists the number of pages that had been printed from the product when the error occurred.
<b>4</b>	Event	Shows the internal error code for each error.
<b>5</b>	Description	Shows a brief description of some errors.
<b>6</b>	Product Support	Provides access to HP’s support Web site for product-specific troubleshooting information.

# Usage Page

The Usage page gives a page count for each size of media that has passed through the device, as well as the number of duplexed pages. The total is calculated by multiplying the sum of the Print Count and Copy Count values by the Units value.

The information on this page can be used to determine how much toner or paper to keep on hand. The following illustration and table describe how to use this page.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information Settings Networking [Log In](#)

**1**

- Device Status
- Configuration Page
- Supplies Status
- Event Log
- Usage Page**
- Device Information
- Print

## Usage Page

### Identification

S/N: CNZZX91001  
Product Name: hp LaserJet 9065mfp  
Device Name: hp LaserJet 9065mfp

**2** Usage Totals (equivalent)

Page Size	Print Count	Copy Count	<b>3</b> Units	Total
LETTER	17,456	4,609	1.0	22,065.0
LEGAL	160	0	1.0	160.0
A4	0	0	1.0	0.0
11X17	0	0	2.0	0.0
A3	0	0	2.0	0.0
B4(JIS)	0	0	1.5	0.0
B5(JIS)	0	0	0.7	0.0
CUSTOM	621	54	1.0	675.0
A5	0	0	0.5	0.0
8K	0	0	1.7	0.0
16K	0	0	0.8	0.0
EXECUTIVE(JIS)	0	0	1.1	0.0
5.5x8.5	0	0	0.5	0.0
<b>TOTAL DEVICE USAGE</b>				<b>22,900.0</b>
One Sided To One Sided	21056	One Sided To Two Sided	1756	
Two Sided To One Sided	38	Two Sided To Two Sided	50	
<b>Total Simplex Pages Printed</b>	<b>21094</b>	<b>Total Duplex Pages Printed</b>	<b>1806</b>	

**ADF USAGE (COPY & SEND)**

ADF Simplex Pages: 622  
ADF Duplex Pages: 38  
**ADF Total Pages: 660**

**SCANNED (SEND)**

Send Job Scan Count 014

**4** Coverage

Black Coverage 8.092%

Callout	Area on the page	Information or capability provided by the area
<b>1</b>	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.

Callout	Area on the page	Information or capability provided by the area
2	Usage Totals (equivalent)	Indicates the types of pages that have been printed, the number of single-sided pages that have been printed, the number of duplexed pages that have been printed, and the total number of pages that have been printed.
3	Units	A unit is equal to a standard Letter-size page. All other page sizes are referenced in relation to this standard size. For example, Ledger-size paper (11x17) is twice the size of letter and counts as 2 units. A Ledger page printed on both sides counts as 4 units.
4	Coverage	Indicates the average amount of toner used on each printed page.

## Device Information

The Device Information page shows the device name, asset number, company name, contact person, device location, and the device's IP address, name, model, and serial number.

The device name, asset number, company name, contact person, and device location can be configured from the Device Information page located on the **Settings** tab.

The screenshot displays the HP LaserJet 9065mfp web interface. At the top left is the HP logo with the word 'invent' below it. To the right, a blue header bar contains the text 'hp LaserJet 9065mfp / 192.168.0.10' and 'hp LaserJet 9065mfp'. Below the header are three tabs: 'Information' (selected), 'Settings', and 'Networking'. A 'Log In' link is located in the top right corner. On the left side, there is a vertical navigation menu with the following items: 'Device Status', 'Configuration Page', 'Supplies Status', 'Event Log', 'Usage Page', 'Device Information' (highlighted), and 'Print'. Below this menu is an 'Other Links' section containing two links: 'hp instant support' and 'Product Support'. The main content area is titled 'Device Information' and lists the following details:

Device Name:	hp LaserJet 9065mfp
Asset Number:	
Company Name:	your company
Contact Person:	Any Body
Device Location:	floor 7 room 2
IP Address:	192.168.0.10
Product Name:	hp LaserJet 9065mfp
Device Model:	CXXXXA
Device Serial Number:	CNZZX91001

# Print

You can use this page to print one file at a time from a product that supports the HP Embedded Web Server. This feature is especially useful if you are a mobile user, because you do not have to install the product's printer driver in order to print—you can print anywhere at any time.

You can print print-ready files, such as documents that have been generated by using a “print to file” driver option (.PRN extension by default), Printer Control Language (PCL) documents, PS documents, Portable File Documents (.PDF), and text (.TXT) files.

The following illustration and table describe how to use this page.

## Note

The Print page (and its menu item on the left) is available only if it has been configured to appear on the Security tab. For more information, see “Security” on page 31.

The screenshot shows the HP Embedded Web Server interface for an hp LaserJet 9065mfp. The top navigation bar includes 'Information', 'Settings', and 'Networking' tabs, with 'Log In' on the right. The left sidebar contains a menu with items like 'Device Status', 'Configuration Page', 'Supplies Status', 'Event Log', 'Usage Page', 'Device Information', and 'Print'. The 'Print' option is highlighted. The main content area is titled 'Print' and shows 'Device Status Ready'. Below this, there is a note: 'Identify the document you want to print by using either option shown below, then select the Apply button. Note: To print 'print-ready' documents (e.g., .ps, .pdf, .pcl, .txt), enter the document file name.' There are two options: 'Option 1' (local file) and 'Option 2' (web address). Callouts 1 through 4 point to the navigation menu, Device Status, Option 1, and Option 2 respectively.

Callout	Area on page	Information or capability provided by area on page
1	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.
2	Device Status	Shows the product status (the same as what appears on the Device Status page and the control-panel display).
3	Option 1	Prints a file that is located on your laptop, computer, or a network file server.
4	Option 2	Prints a file that you can gain access to over the Web.

## Printing a file using the Print page

- 1 To print a file using the Print page, do *one* of the following:
  - Click **Browse** to browse to a file that you want to print (Option 1).
  - or-
  - Type the address (beginning with “http://” or “https://”) of a file that you want to print that is available over the Web (Option 2).
- 2 Click **Apply**.



# 3 Configuring the product from the Settings pages

Use the pages on the **Settings** tab to configure the product from your computer. The following are the Settings pages:

- Configure Device (page 20)
- Email Server (page 22)
- Alerts (page 24)
- AutoSend (page 30)
- Security (page 31)
- Edit Other Links (page 32)
- Device Information (page 34)
- Language (page 35)
- Date & Time (page 36)
- Ordering Information (page 38)
- Other Settings (page 39)
- ON/OFF Schedule (page 40)
- Copy Monitor (page 42)

---

**Note**

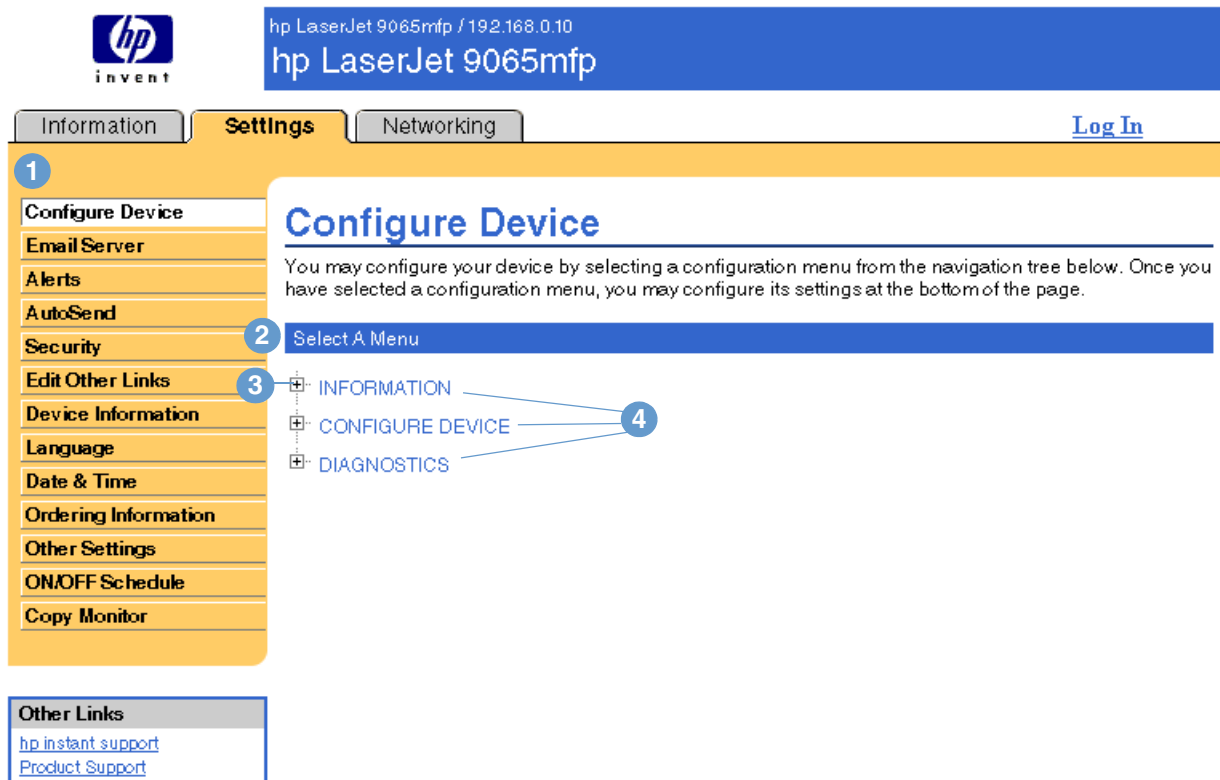
Some products do not support all of these pages.

# Configure Device

You can use the Configure Device page to print product information pages and configure the product *remotely*. The following illustration, table, and example procedure describe how to use this page. The following example shows the **Information** menu options.

**Note** If your product has a control-panel display, these menus are similar to the menus that are available at your product control panel. Some of the product control panel menus are not available from the HP Embedded Web Server.

See the documentation that came with your product for more information about the different menus that your product supports.



Callout	Area on the page	Information or capability provided by the area						
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5.</a>						
2	Select a Menu	<table border="1"> <tr> <td><b>INFORMATION</b> menu</td> <td>Print product information pages, which provide details about the product and its configuration.</td> </tr> <tr> <td><b>CONFIGURE DEVICE</b> menu</td> <td>Configure the product and thereby affect the product's behavior. For example, you can configure product personality settings from this menu, such as print-quality settings or destination bins.</td> </tr> <tr> <td><b>DIAGNOSTICS</b> menu</td> <td>Print the event log; perform a paper path test; configure the output bin and duplexing mode; and set the number of copies.</td> </tr> </table>	<b>INFORMATION</b> menu	Print product information pages, which provide details about the product and its configuration.	<b>CONFIGURE DEVICE</b> menu	Configure the product and thereby affect the product's behavior. For example, you can configure product personality settings from this menu, such as print-quality settings or destination bins.	<b>DIAGNOSTICS</b> menu	Print the event log; perform a paper path test; configure the output bin and duplexing mode; and set the number of copies.
<b>INFORMATION</b> menu	Print product information pages, which provide details about the product and its configuration.							
<b>CONFIGURE DEVICE</b> menu	Configure the product and thereby affect the product's behavior. For example, you can configure product personality settings from this menu, such as print-quality settings or destination bins.							
<b>DIAGNOSTICS</b> menu	Print the event log; perform a paper path test; configure the output bin and duplexing mode; and set the number of copies.							
3	Plus sign	Click the plus sign (⊕) next to a menu, or click the menu itself, to see the submenus or subentries.						

Callout	Area on the page	Information or capability provided by the area
4	Menu subentries	Gain access to product information or to configure the product.

## Using the menus on the Configure Device page

The following procedure is provided *only* as an example. Other menu items can be set in a similar manner.

### Note

Printer drivers and software programs frequently override selections that are made in the **Printing** menu. For more information, see the user guide that came with your product.

Any changes are reflected on the Printer Status page, the Configuration page, and the **Paper Handling** menu (on the Other Settings page).

Follow these steps to select a different default paper size (example procedure):

- 1 Click **CONFIGURE DEVICE**.
- 2 Click **PRINTING**. The blue **PRINTING** title bar appears in the lower portion of the screen.
- 3 Click the arrow in the **DEFAULT PAPER SIZE** drop-down menu, and select the paper size you want to be the default (for example, you can change the default paper size from **LETTER** to **LEGAL**).
- 4 Click **Apply**.

## Email Server

Use the Email Server page to configure e-mail settings for outgoing and incoming e-mail. Settings on this page allow the device to send and receive e-mail messages, including product alerts. The following illustration, table, and procedures describe how to use this page.

The screenshot displays the HP LaserJet 9065mfp EWS interface. At the top, the HP logo and 'invent' tagline are visible. The page title is 'hp LaserJet 9065mfp / 192.168.0.10'. Below the title bar, there are three tabs: 'Information', 'Settings', and 'Networking'. The 'Settings' tab is selected. On the left side, there is a vertical navigation menu with various options: 'Configure Device', 'Email Server', 'Alerts', 'AutoSend', 'Security', 'Edit Other Links', 'Device Information', 'Language', 'Date & Time', 'Ordering Information', 'Other Settings', 'ON/OFF Schedule', and 'Copy Monitor'. The 'Email Server' option is highlighted. Below the navigation menu, there are 'Other Links' for 'hp instant support' and 'Product Support'. The main content area is titled 'Email Server' and contains two sections: 'Outgoing Email' and 'Incoming Email (not required for Email Alerts)'. The 'Outgoing Email' section has a sub-header 'Set outgoing email server values if using email alerts or AutoSend' and includes a checked checkbox for 'Enable Outgoing Email', followed by input fields for 'SMTP Server' (192.68.00.00), 'Domain Name' (your.company.com), and 'Device Email Address' (device@your.company.com). The 'Incoming Email' section has a sub-header 'Set incoming email server values to enable remote requests and commands to be sent to the device.' and includes a checked checkbox for 'Enable Incoming Email', followed by input fields for 'POP3 Server' (192.68.01.01), 'Device POP3 Username' (device), and 'Password'. At the bottom right of the page, there are 'Apply' and 'Cancel' buttons. Callouts 1 through 4 are placed over the interface to indicate key areas: 1 points to the left navigation menu, 2 points to the 'Outgoing Email' section header, 3 points to the 'Device Email Address' input field, and 4 points to the 'Incoming Email' section header.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5</a> .
2	Outgoing Email	Configure outgoing e-mail if you intend to use the Alerts or AutoSend features. For more information, see <a href="#">“Using the Alerts page with a product” on page 25</a> .
3	Device Email Address	This is the product’s e-mail address that appears in product alerts. This is <i>not</i> the e-mail address that you want to use when sending commands to the product. See <a href="#">“Sending e-mail commands to the product” on page 29</a> .

Callout	Area on the page	Information or capability provided by the area
4	Incoming Email (not required for Email Alerts)	Configure incoming e-mail if you intend to request information pages from the product by using e-mail messages. For more information, see <a href="#">“Sending e-mail commands to the product” on page 29</a> .

## Configuring outgoing e-mail

It is necessary to configure outgoing e-mail if you intend to use the Alerts or AutoSend feature.

- 1 Gather the following information. (Your organization’s network or e-mail administrator typically provides the information that is required to configure outgoing mail.)
  - The IP address of the simple mail transfer protocol (SMTP) mail server on your network. The EWS uses the SMTP Server IP address to relay e-mail messages to other computers.
  - The e-mail domain name suffix that is used to address e-mail messages within your organization.
- 2 Select the **Enable Outgoing Email** check box.
- 3 Type the SMTP server IP address in the **SMTP Server** text box.
- 4 Type the domain name, and then click **Apply** to save the changes.

## Configuring incoming e-mail

You should configure incoming e-mail if you intend to request information pages from the product by using e-mail messages. For more information, see [“Sending e-mail commands to the product” on page 29](#).

- 1 Establish a Post Office Protocol 3 (POP3) mailbox account for the product on a mail server within your organization’s network.

Each POP3 account requires a username and a password. The username combined with the product’s domain name (which is specified in the outgoing mail configuration) is the e-mail address for the product. For example, if the POP3 mailbox account username is “product” and the POP3 server is “hp.com”, the product’s e-mail address will be “product@hp.com”.

---

### Note

Each product that is configured for incoming mail must have its own POP3 mailbox account on your network’s e-mail server.

The POP3 mailbox accounts are typically configured by your organization’s network or e-mail administrator.

- 2 Select the **Enable Incoming Email** check box.
- 3 Type the IP address of the POP3 mail server in the **POP3 Server** text box.
- 4 Type username and password for the product’s mailbox account, and then click **Apply** to save the changes.

# Alerts

From the Alerts page, IT administrators can set up the product to send alerts to anyone through e-mail messages. When configured, alerts are automatically triggered about supplies and paper path status, as well as service and advisory information. More than one individual can receive alerts, with each person receiving only specific alerts. For example, an administrative assistant might be responsible for ordering toner or fixing jams, and could receive advanced warning when toner is low or a paper jam occurs. Similarly, the long-life supplies might be handled by an external service provider who could receive alerts about performing device maintenance, loading the front or rear stapler, and similar needs.

You can create as many as four different destination lists, with up to 20 recipients for each list. The following illustration, table, and procedures describe how to use this page.

**Note** In order for alerts to function, outgoing e-mail must be enabled. To enable outgoing mail, see “Configuring outgoing e-mail” on page 23.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information **Settings** Networking [Log In](#)

**1** Configure Device  
Email Server  
**Alerts**  
AutoSend  
Security  
Edit Other Links  
Device Information  
Language **2**  
Date & Time  
Ordering Information  
Other Settings  
ON/OFF Schedule  
Copy Monitor

**Alerts**

Alerts are currently configured for the following destination lists. To make changes, click the appropriate button next to the list. Move the pointer over a button for more information.

**Note:** In order for alerts to function, outgoing mail must be configured on the [Email Server page](#).

List Name	Alert Destinations	Selected Alerts	Attachments (optional)
List 1	admin@your.company.com	Replace toner bottle Replace toner bottle (Out) Remove Paper Jam Close Drawers, Doors And Covers	Supplies Status Page Usage Page
			<b>3</b> Edit <b>4</b> Test <b>5</b> Delete
List 2	service_provider@your.company.com	Replace toner bottle Replace toner bottle (Out) Print Controller Error Operator Call Error Remove Paper Jam	Supplies Status Page Usage Page Configuration Page
			Edit Test Delete
List 3	anyone@your.company.com	Tray Open Tray Empty (Load)	Supplies Status Page
			Edit Test Delete
			<b>6</b> New Destination List

**Other Links**  
[hp instant support](#)  
[Product Support](#)

**Note:** See the table on the following page for information about the callouts.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5</a> .
2	Destination list summary	Lists the current selections for each destination.
3	Edit	Click to make changes to the destination or destination list.
4	Test	Click to send a test alert to the destination or destination list.
5	Delete	Click to delete the destination or destination list.
6	New Destination List	Click to define the settings for a new destination list for alerts.

## Using the Alerts page with a product

This section contains information about these alerts features:

- [“To configure alerts” on page 25](#)
- [“To test the configuration of a destination list” on page 28](#)
- [“To delete destinations and destination lists” on page 29](#)

### To configure alerts

You can create as many as four different destination lists, with up to 20 recipients for each list.

1 Do one of the following:

- To create a new destination list, click **New Destination List**.

-Or-

- To modify an existing destination list, click **Edit** next to the list that you want to modify.

---

#### Note

For more information about testing or deleting an alert, see [“To test the configuration of a destination list” on page 28](#) and [“To delete destinations and destination lists” on page 29](#).

The window that appears looks similar to the following illustration.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information **Settings** Networking [Log In](#)

**Alerts - setup**

**Step 1: Type the list name**

Type a name for your destination list.

List Name:

**Step 2: Type the alert destinations**

Type the alert destinations (maximum: 20) in any of the following forms:

- An e-mail address, such as (your\_name)@(your\_company).com
- A mobile device, such as 208-555-5555@(mobile\_company).net
- A posting to a website, such as http://www.(your\_server).com

Separate alert destinations using a semi-colon (;) or a comma (,).

Alert Destinations:

**Step 3: Select Alerts**

Select the alerts that you would like the alert destinations to receive. The most common alerts are listed here.

Alert Name	Selected	Threshold
Replace toner bottle	<input checked="" type="checkbox"/>	
Replace toner bottle (Out)	<input checked="" type="checkbox"/>	
Load Front Stapler	<input type="checkbox"/>	
Load Rear Stapler	<input type="checkbox"/>	
Remove Paper Jam	<input checked="" type="checkbox"/>	<input type="text" value="2"/> minutes elapsed
Close Drawers, Doors And Covers	<input checked="" type="checkbox"/>	<input type="text" value="2"/> minutes elapsed
Tray Open	<input type="checkbox"/>	<input type="text" value="2"/> minutes elapsed
Tray Empty (Load)	<input type="checkbox"/>	<input type="text" value="2"/> minutes elapsed

[Additional Alerts](#)

To view all of the alerts for this product, click the **Show All Alerts** button.

**Note:** Clicking this button saves your current changes and opens the page that lists all of the alerts options.

**Step 4: Select e-mail attachments (optional)**

Select the attachments that you want to include with each e-mail alert message in this destination list. Go to the **Information** tab to see examples of these pages.

- Supplies Status Page
- Usage Page
- Configuration Page
- Event Log Page

Select this option if one of the alert destinations you have chosen to receive alerts is an automated computer system.

- XML Data



- 2 Type a name for the **List Name** field, such as Service or Supplies.
- 3 Type the e-mail addresses for people who you want to receive alerts. In enterprise environments, system administrators can route e-mail addresses to list servers or URLs for expanded alerts. Add multiple destinations by separating each destination with a comma or semicolon.
- 4 Select the check box for the alerts that you want to be sent with this destination list. (To see all of the alerts that are available for the product, click **Show All Alerts**.)
- 5 Where applicable, set the threshold value for the individual alerts.  

The threshold value for service alerts and for the paper path alerts is a user-specified number of minutes. This is the amount of time that an event will be ignored before an e-mail alert message is sent. For example, you might want to set the threshold value for the “Tray Open” alert to 10 minutes to allow someone to close the tray after loading the tray or clearing a jam.
- 6 Select the attachments that you want to be included with your e-mail alert messages. These attachments can include Supplies Status Page, Usage Page, Configuration Page, Event Log, and XML Information. (Go to the **Information** tab to see examples of the pages.) The **XML Information** option should be selected if one of the destinations you have chosen to receive alerts is an automated computer system. Each item that you select will be attached to the e-mail; for example, if you selected **Usage Page** and **Event Log**, you would receive one e-mail message with two attachments, one for each selection. If you also selected the **XML Information** option, you would receive one e-mail message with three attachments - one attachment for the Usage Page in HTML, one for the Event Log in HTML, and a third consisting of instant support information in a text file attachment with an .XML extension.
- 7 Click **Apply** to save the information.
- 8 Repeat steps 1 through 7 for each additional list or destination.

---

**Note**

To test the configuration of a destination list, see [“To test the configuration of a destination list” on page 28](#).

## To test the configuration of a destination list

- 1 Click the **Test** button next to the destination list that you want to test.

The following window appears. More than one destination can be tested from this window.

The screenshot shows a web interface with a top navigation bar containing 'Information', 'Settings', and 'Networking' tabs, and a 'Log In' link. A left sidebar lists various configuration options, with 'Alerts' selected. The main content area is titled 'Alerts - test' and contains the following elements:

- Alerts - test** (Section Header)
- Instructional text: "You are about to send a test alert to the selected alert destinations. Click **OK** to send the test, or click **Cancel** to return to the main Alerts page without sending the test."
- Alert Destinations:** A list with a checked checkbox next to 'admin@your.company.com'.
- Instructional text: "By default, the return address on the test alert is the product's e-mail address. To receive any response that is generated from this test, type your own e-mail address in the following box."
- Return Address:** A text input field containing 'device@your.company.com'.
- Message Text:** A large text area containing a test alert message:

This is a test alert. You have received this alert because you have been selected to receive information about the following product.

The product does not need attention at this time.

Product:  
hp LaserJet 9065mfp

Currently selected alerts:  
Replace toner bottle  
Replace toner bottle (Out)  
Remove Paper Jam  
Close Drawers, Doors And Covers

Currently selected attachments:  
Supplies Status Page  
Usage Page

Thank you for using Hewlett-Packard products!
- Instructional text: "If you want additional notes to appear at the beginning of the test alert, type the information in the following box."
- Your Notes (optional):** An empty text input field.
- Buttons: 'OK' and 'Cancel' at the bottom right.

- 2 Select the destinations that you want to test.
- 3 The return address is the product's e-mail address. Type your e-mail address if you would like to receive any errors that are generated from the test alert (for example, to be notified of an incorrect destination address).
- 4 If applicable, type additional information that you would like to appear at the beginning of the e-mail alert message in the **Your Notes (optional)** text field.

- 5 Click **OK**.

## To delete destinations and destination lists

You can delete a destination or destination list by clicking the **Delete** button next to the destination or destination list that you want to delete. Click **OK** to confirm the deletion.

## Sending e-mail commands to the product

Another method for receiving information pages is by requesting them from the product. When outgoing and incoming mail are configured, the product can attach information pages, such as the Supplies Status page or the Configuration Page, to e-mail messages. You can use this feature to solve a problem or check the status of supplies.

### To request information pages by using an e-mail message

When composing a message to the product, you must properly format the **To**, **From**, and **Subject** fields in your e-mail program.

- 1 Enable the outgoing and incoming e-mail by following the instructions that are listed in this chapter. (For more information, see [“Email Server” on page 22.](#))
- 2 From your e-mail program, compose a message to the product by completing the following steps:
  - a In the **To** field, type the product’s e-mail address. The username combined with the product’s domain name (which is specified in the outgoing mail configuration) is the e-mail address for the product. For example, if the POP3 mailbox account username is “product” and the POP3 server is “hp.com”, the product’s e-mail address will be “product@hp.com”.
  - b Your e-mail program should automatically complete the **From** field as your return e-mail address.
  - c In the **Subject** field, type the appropriate text for the format and page that you would like to attach. You can request a Configuration page, a Supplies Status page, or an AutoSend page. For example, if you would like to attach the Configuration page in HTML format, type “this.configpage?configpage=email&format=html”.

Page	HTML format	XML format
<a href="#">Configuration page</a>	this.configpage?configpage=email&format=html	this.configpage?configpage=email&format=xml
<a href="#">Supplies Status page</a>	this.configpage?suppliespage=email&format=html	this.configpage?suppliespage=email&format=xml
<a href="#">AutoSend page</a>	not applicable	this.configpage?autosend=email&format=xml

- 3 Click **Send**.

The product checks for new e-mail messages once every 3 minutes. When the product receives the e-mail message, it generates a reply and sends the requested information back to the sender’s e-mail address (as specified in the **From** field of the original e-mail message).

---

#### Note

Depending on delays in the network and your organization’s mail server, a response might take from 1 minute to several hours to arrive back in your e-mail program’s Inbox.

If the **To**, **From**, and **Subject** fields are not properly formatted in your e-mail message, the product does not send a message in response.

# AutoSend

Use the AutoSend page to send device configuration and supplies usage information periodically to your service provider. This feature enables you to have a relationship with Hewlett-Packard or another service provider to provide you with services that include, but are not limited to, proactive toner replacement, pay-per-page contracts, support agreements, and usage tracking. The following illustration, table, and procedure describe how to use this page.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information **Settings** Networking [Log In](#)

**1** Configure Device  
Email Server  
Alerts **2** Enable AutoSend  
AutoSend  
Security  
Edit Other Links  
Device Information  
Language  
Date & Time  
Ordering Information  
Other Settings  
ON/OFF Schedule  
Copy Monitor

**3** Send every   days (1-28)  
 weeks (1-4)  
 months (1-6)  
 pages printed (50-30000)

Type the e-mail destinations (maximum of 20) in the form (your\_name)@(your\_company).com:  
Separate e-mail destinations using a semi-colon (;) or a comma (,).

**4** E-Mail destinations

**5** Test

Apply Cancel

Callout	Area on the page	Information or capability provided by the area
<b>1</b>	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5</a> .
<b>2</b>	Enable AutoSend	Select this check box to enable the AutoSend feature.
<b>3</b>	Send every [interval]	Select the interval at which you want the product to send the product configuration and supplies usage information to the destinations configured in the <b>E-Mail destinations</b> field.
<b>4</b>	E-Mail destinations	Save a list of up to 20 e-mail addresses to receive the device configuration information. Each e-mail address can be up to 50 characters long.
<b>5</b>	Test	When you press the <b>Test</b> button, your settings are saved and the information is sent immediately, enabling you to ensure that the recipient receives the messages.

## To enable the AutoSend feature

- 1 Enable the outgoing and incoming e-mail by following the instructions that are listed in this chapter. (For more information, see “Email Server” on page 22.)
- 2 Select the **Enable AutoSend** check box.
- 3 Click an option to specify the interval at which you want the product to send the product configuration and supplies usage information to the e-mail recipients determined in the next step, and then type the number of days, weeks, months, or pages printed.
- 4 Configure up to 20 destination e-mail addresses, using the format shown.
- 5 Click **Apply**.

## Security

The following illustration and table describe how to use this page.

The screenshot shows the HP LaserJet 9065mfp EWS interface. At the top, there's a blue header with the HP logo and the device name. Below that, there are tabs for 'Information', 'Settings', and 'Networking'. The 'Settings' tab is active, and the 'Security' sub-tab is selected. On the left, there's a navigation menu with various options like 'Configure Device', 'Email Server', 'Alerts', 'AutoSend', 'Security', etc. The 'Security' page content includes a 'Set Password' section with fields for Username (admin), New Password, and Verify Password. Below that is the 'Set Options' section with a checked 'Print Page' checkbox and a 'Display On Device Status Page' section with checked 'Stop Button' and 'Continue Button' checkboxes. At the bottom right, there are 'Apply' and 'Cancel' buttons. Callouts 1 through 4 are placed over the navigation menu, the 'Set Password' section, the 'Set Options' section, and the 'Print Page' checkbox respectively.

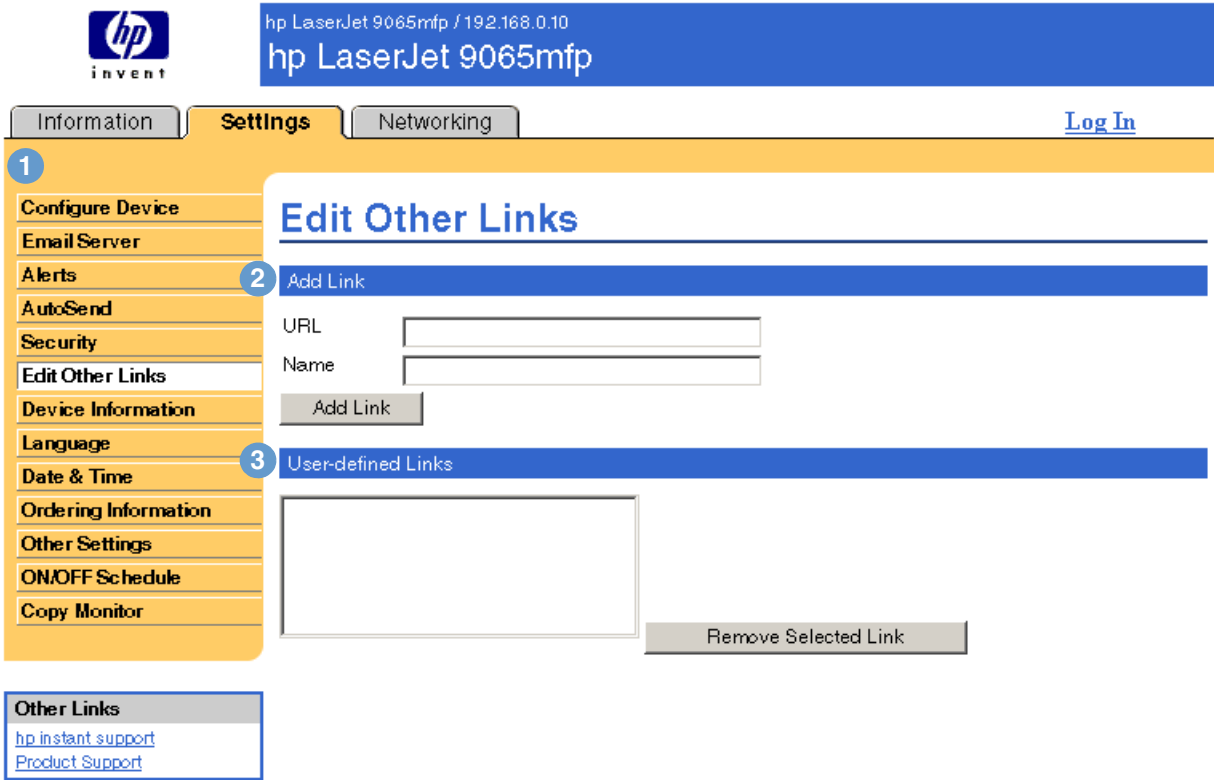
Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.
2	Set Password	Set a password to control who can gain access to the HP EWS Settings and Networking tabs. After the password has been set, users are prompted to type a password when they open the HP EWS Settings and Networking pages.
3	Set Options	Select the control-panel buttons that you want to appear on the Device Status page (on the <b>Information</b> tab).
4	Print Page	When selected, makes the HP EWS Print page available to the general user in the Information tab menu.

**Note**

Take care not to lose your password. If a password is lost, please contact your IT administrator or service provider.

## Edit Other Links

Use the Edit Other Links page to add up to five customized links to the Web sites of your choice. These links appear throughout the HP Embedded Web Server pages, in the **Other Links** box beneath the left navigational bar, together with the two permanent links (**hp instant support** and **Product Support**) that have already been established. The following illustration, table, and procedures describe how to use this page.



Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.
2	Add Link	Add a user-defined link.
3	User-defined Links	Lists the user-defined links that have been added. Use this area to delete links.

Callout	Area on the page	Information or capability provided by the area	
4	Other Links	<b>hp instant support</b>	Connect to Web resources that help you to solve specific problems and determine what additional services are available for your product. (Detailed information, including serial number, error conditions, and status, is forwarded to Hewlett-Packard's Customer Care. Hewlett-Packard treats this information as confidential.)
		<b>Product Support</b>	Gain access to specific product help from the HP Web site.
		<b>My Service Provider</b>	Connect to the home page of your service provider. This link appears only if it has been configured by the service provider.
		<b>My Service Contract</b>	Connect to a page that displays the terms and limits of your service contract. This link appears only if it has been configured by the service provider.

## Adding a link

- 1 Under **Add Link**, type the URL and the name as you would like them to appear in the HP Embedded Web Server.
- 2 Click **Add Link**.

## Removing a link

- 1 Under **User-defined Links**, select the link or links that you would like to remove.
- 2 Click **Remove Selected Link**.

# Device Information

Use the Device Information page to provide a name of your choice for the device, assign an asset number, and configure the company name, person to contact about the device, and the device's physical location. The product IP address, product model, product number, and serial number are also available on this page.

The screenshot shows the HP LaserJet 9065mfp Settings page. At the top left is the HP logo and 'invent' text. A blue header bar contains 'hp LaserJet 9065mfp / 192.168.0.10' and 'hp LaserJet 9065mfp'. Below this are three tabs: 'Information', 'Settings' (selected), and 'Networking'. A 'Log In' link is in the top right. On the left is a vertical menu with options: 'Configure Device', 'Email Server', 'Alerts', 'AutoSend', 'Security', 'Edit Other Links', 'Device Information' (selected), 'Language', 'Date & Time', 'Ordering Information', 'Other Settings', 'ON/OFF Schedule', and 'Copy Monitor'. The main area is titled 'Device Information' and contains a form with the following fields and values:

Device Name:	hp LaserJet 9065mfp
Asset Number:	
Company Name:	your company
Contact Person:	anybody
Device Location:	floor 7 room 2
IP Address:	192.168.0.10
Product Name:	hp LaserJet 9065mfp
Device Model:	CXXXXXA
Device Serial Number:	CNZZX91001

At the bottom right of the form are 'Apply' and 'Cancel' buttons. Below the main form is an 'Other Links' section with two links: 'hp instant support' and 'Product Support'.

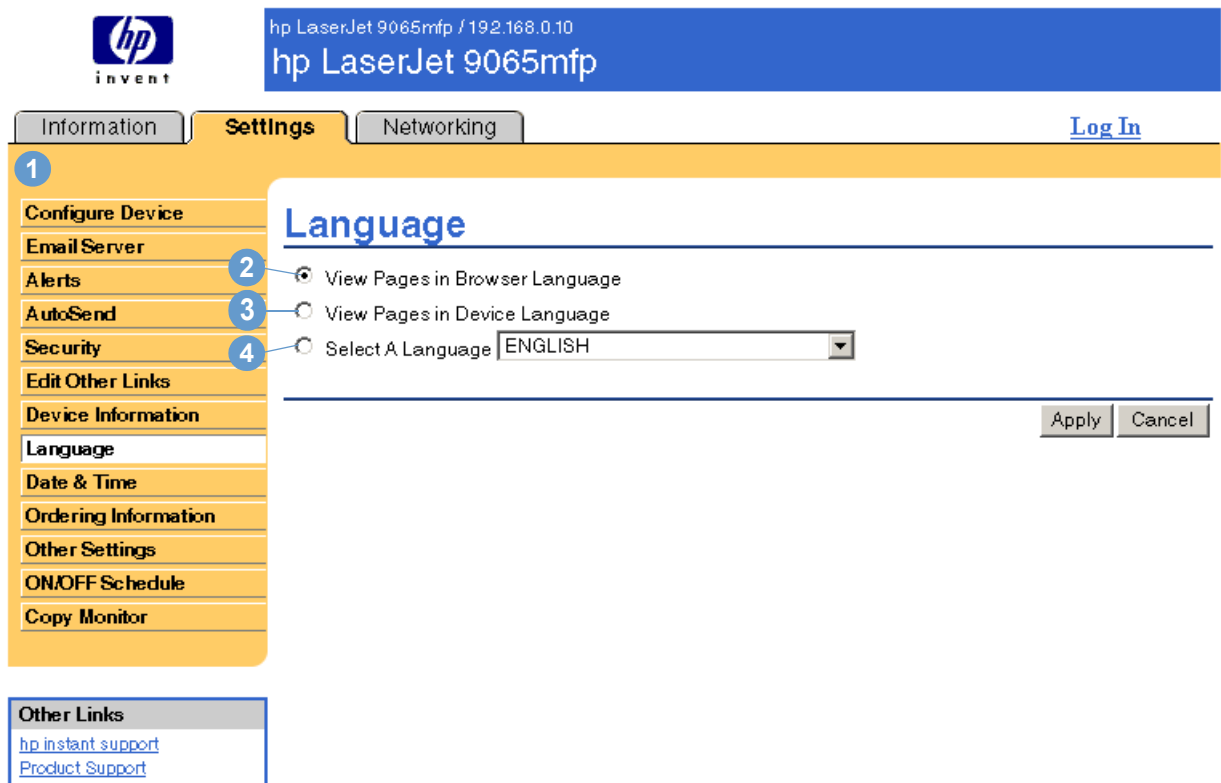
**Note** If you make any changes on the Device Information page, click **Apply** to save the changes.

The information that is typed here appears on the Device Information page that can be opened from the **Information** tab. It also appears in e-mail messages that are sent from the product. This might be useful if you need to locate the product to replace supplies or fix a problem.



# Language

Use the Language page to select the language in which the HP Embedded Web Server pages appear. The following illustration and table describe how to use this page.



## CAUTION

Selecting **View Pages in Device Language** or **Select a Language** changes the language for everyone who uses the HP Embedded Web Server.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “ <a href="#">Navigating through the HP Embedded Web Server</a> ” on page 5.
2	View Pages in Browser Language (default)	Use this feature to detect which language is selected for your Web browser and displays the HP Embedded Web Server pages in the same language.
3	View Pages in Device Language	Use this feature to detect which language is selected for the product control panel and displays the HP Embedded Web Server pages in the same language.
4	Select A Language	Display the HP Embedded Web Server pages in the selected language from these choices: <ul style="list-style-type: none"> <li>• English</li> <li>• French</li> <li>• German</li> <li>• Italian</li> <li>• Spanish</li> <li>• Swedish</li> <li>• Danish</li> <li>• Norwegian</li> <li>• Dutch</li> <li>• Finnish</li> <li>• Portuguese</li> </ul>

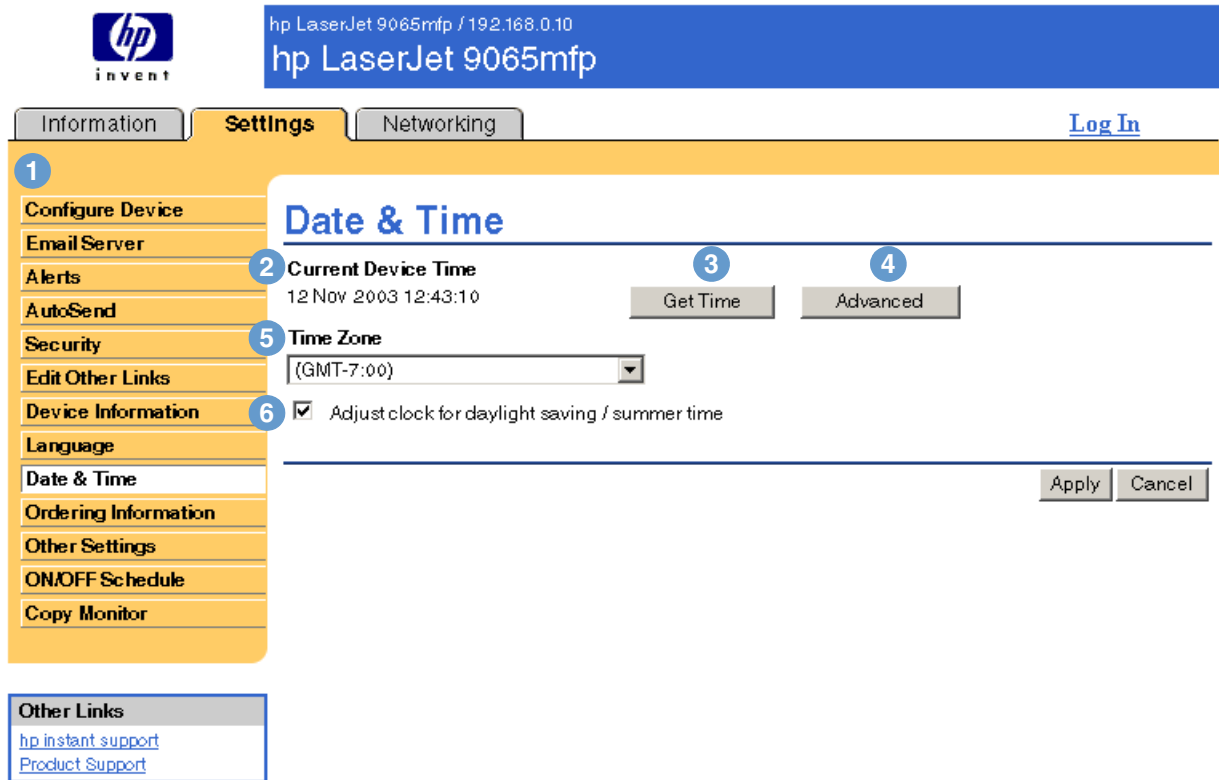
**Note**

The default language is the language that the Web browser is currently using. If your browser and control panel both use a language that is not available for the HP Embedded Web Server, English is selected as the default.

If you make any changes on the Language page, click **Apply** to save your changes.

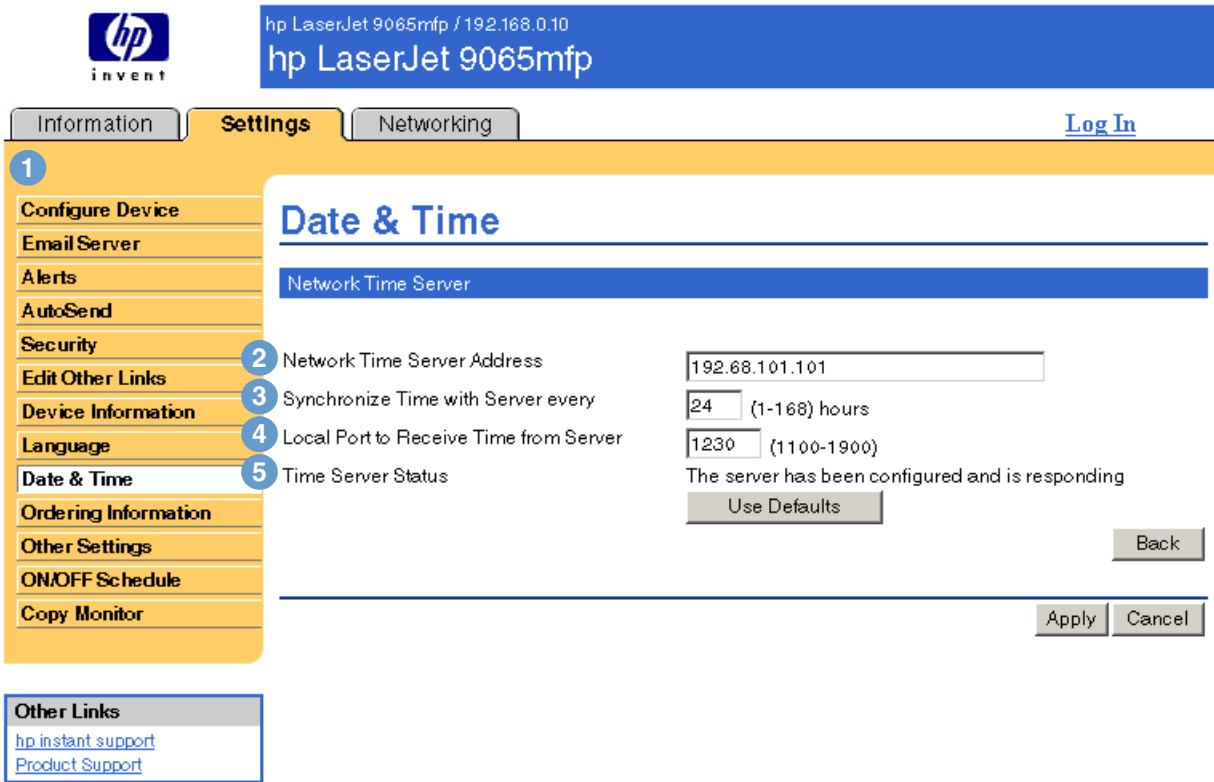
## Date & Time

Use the Date & Time page to update the product time and configure the Network Time Server. The following illustration and table describe how to use this page.



Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5.</a>
2	Current Device Time	Displays the device's time. If the time is incorrect, an IT administrator can change the time from the device's control panel.
3	Get Time	When clicked, updates the Current Device Time.
4	Advanced	The button connects you to a page where you can configure a Network Time Server.
5	Time Zone	For each time zone selected, this setting adjusts the device time by the difference in hours between the selected time zone and Greenwich Mean Time (GMT).
6	Adjust clock for daylight saving / summer time	If selected, the device time is adjusted forward one hour.

The following illustration and table describe how to use the page that appears when you click the **Advanced** button.



Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “ <a href="#">Navigating through the HP Embedded Web Server</a> ” on page 5.
2	Network Time Server Address	Lists the IP address of a Network Time Server that the product uses to get the Current Device Time.
3	Synchronize Time with Server every	Lists how often the product will refresh its current time with the Network Time Server.
4	Local Port to Receive Time from Server	Lists the port that the product uses to receive data from the Network Time Server.
5	Time Server Status	Shows the current status of the connection to the Network Time Server.

# Ordering Information

Use the Ordering Information page to write specific ordering information for supplies. The text boxes allow customization of ordering procedures. Messages can hold up to 255 characters.

The IT administrator can decide which ordering information is displayed for staples on the 'Supplies Status' page.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information **Settings** Networking [Log In](#)

**1**

- Configure Device
- Email Server
- Alerts
- AutoSend
- Security
- Edit Other Links
- Device Information
- Language
- Date & Time
- Ordering Information
- Other Settings
- ON/OFF Schedule
- Copy Monitor

**Ordering Information**

This feature allows you to input specific supplies ordering information to be displayed on the Supplies Status Page. Here you should add information like email address, URL, street address, phone number, contact person, etc.

Customer Installable

**2** Current Staples Ordering Information:

**3** Enter any relevant information to order staples (email address, URL, telephone number, etc...):

(Maximum of 255 characters allowed.)

**4** Use Defaults

Apply Cancel

**Other Links**

- [hp instant support](#)
- [Product Support](#)

Callout	Area on the page	Information or capability provided by the area
<b>1</b>	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server”</a> on page 5.
<b>2</b>	Current Staples Ordering Information	Customer-installable supplies include current staples ordering information. This area of the page appears only when you are logged in as an IT administrator.
<b>3</b>	Enter any relevant information to order supplies (email address, URL, telephone number, etc...):	The text box enables complete customization of ordering information for service-related items, including detailed, supplier-specific instructions. If the text exceeds 255 characters, an error message will appear. This area of the page appears only when you are logged in as an IT administrator.
<b>4</b>	Use Defaults	The following message appears when you click the <b>Use Defaults</b> button: “Hewlett-Packard staples can be ordered on the internet, on-line through your printer software or by calling an authorized reseller. Refer to your device User Guide for instructions.”

## Other Settings

The Other Setting page displays the configuration of the paper trays and the auto shut-off feature. You can also use this page to configure the paper-tray type and auto shut-off settings. The Other Settings page is shown in the following illustration and described in the following table.

The screenshot shows the HP LaserJet 9065mfp EWS interface. At the top, there's a header with the HP logo and 'invent' text, and a blue bar containing 'hp LaserJet 9065mfp / 192.168.0.10' and 'hp LaserJet 9065mfp'. Below this are three tabs: 'Information', 'Settings' (selected), and 'Networking'. A 'Log In' link is in the top right. On the left is a navigation menu with items like 'Configure Device', 'Email Server', 'Alerts', 'AutoSend', 'Security', 'Edit Other Links', 'Device Information', 'Language', 'Date & Time', 'Ordering Information', 'Other Settings' (highlighted), 'ON/OFF Schedule', and 'Copy Monitor'. Below the menu are 'Other Links' for 'hp instant support' and 'Product Support'. The main content area is titled 'Other Settings' and has two sections: 'Paper Handling' and 'Powersave Time'. The 'Paper Handling' section lists settings for five trays (TRAY 1 to TRAY 5), each with 'SIZE' and 'TYPE' options. TRAY 2 TYPE is highlighted with callout 2. The 'Powersave Time' section has an 'AUTO SHUT OFF' dropdown set to '240 MINUTES', highlighted with callout 3. At the bottom right are 'Apply' and 'Cancel' buttons. Callout 1 points to the top navigation tabs.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see “Navigating through the HP Embedded Web Server” on page 5.
2	TRAY TYPE	Select paper type for each configurable tray.
3	AUTO SHUT OFF	This setting determines the amount of idle time that elapses before the device shuts off automatically. Settings range from 30 minutes to 240 minutes.

### Using the Paper Handling menu

To select the paper type for Tray 2, select **LETTERHEAD** from the list next to TRAY 2TYPE and click **Apply** to save the change. This procedure is provided *only* as an example. Other menu items can be set in a similar manner.

#### Note

Print drivers and software programs frequently override selections that are made in the Other Settings page. For more information, see the user guide that came with your product. All changes are reflected on the Printer Status page, the Configuration page and on the device's control panel.

# ON/OFF Schedule

The ON/OFF schedule enables an IT Administrator to schedule copier shutdowns/wakeups on a daily basis. For example, the copier can be set to wake up at 08:00 and shut down at 18:00 hours. There can only be one time setting per day; however, each day can have a different wakeup and shutdown time. Additionally, there is also a lunch time setting that enables a set time when the copier will shut down and wake up for lunch.

**1** Configure Device

**2** Enable ON/OFF Schedule

**3** Enter Timer Interrupt Password

**4** Confirm Timer Interrupt Password

**5** Select month and year

**6** Select the days the device will be on (November / 2003)

**7** Week Day

**8** Lunch Hour Off Setting

**9** Power Down / Power Up

**Other Links**  
[hp instant support](#)  
[Product Support](#)

**Information** | **Settings** | Networking | [Log In](#)

hp LaserJet 9065mfp / 192.168.0.10  
**hp LaserJet 9065mfp**

**ON/OFF Schedule**

Enable ON/OFF Schedule

The ON/OFF Schedule is a device management function that shuts down power to the machine on a daily or hourly basis, and can be programmed specifically for lunch breaks, weekends and holidays, or any time the device is not required.

Enable ON/OFF Schedule

**Timer Interrupt Password**

Use this mode to establish a 4-digit PIN for using Timer Interrupt function. The default PIN of 0000 allows the timer function to be interrupted without entering the PIN.

Enter Timer Interrupt Password

Confirm Timer Interrupt Password

**Timer Action ON/OFF Setting**

Use this function to set the On/Off condition of the device for a given month. Set the On-Off condition for specific days or collectively, for all Mondays through Sundays of the given month. The default setting is collective: On for Mondays through Saturdays, and Off for Sundays.

Select month and year

November 2003 Update calendar

Select the days the device will be on (November / 2003)

Sun  Mon  Tue  Wed  Thu  Fri  Sat

1  2

3  4  5  6  7  8  9

10  11  12  13  14  15  16

17  18  19  20  21  22  23

24  25  26  27  28  29  30

31

Note: before selecting another month, click Apply to store the current month settings.

**Timer Setting**

Use this function to set the On/Off times in hours and minutes for each day of the week or set the collective time for the entire week, i.e., the same On/Off time for each day.

Week Day	Power Up	Power Down
Sunday	00 : 00	10 : 20
Monday	07 : 30	10 : 20
Tuesday	05 : 00	10 : 20
Wednesday	07 : 45	10 : 20
Thursday	09 : 00	10 : 20
Friday	07 : 00	10 : 20
Saturday	00 : 00	10 : 20

**Lunch Hour Off Setting**

Enable Lunch Hour

**Power Down** **Power Up**

13 : 50 14 : 00

Apply Cancel

**Note:** See the table on the following page for information about the callouts.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server”</a> on page 5.
2	Enable ON/OFF Schedule	The <b>ON/OFF Schedule</b> check box is clear (not selected) by default.
3	Enter Timer Interrupt Password	Set a password that allows users to turn the copier on when it is in the off mode. When the setting is 0000 (the default setting), users are not required to enter a password to turn on the copier.
4	Confirm Timer Interrupt Password	Type the Timer Interrupt Password to confirm the timer-interruption password.
5	Select month and year	Select the month and year for which you are configuring the ON/OFF schedule.
6	Select the days the device will be on	Select the days on which to use the ON/OFF schedule. These selections will be in effect for all months unless specifically changed.
7	Timer Setting - Weekday Power Up and Power Down	For each day of the week, set the time to turn copying on and off.
8	Lunch Hour Off Setting	Select this check box to turn copying off during lunch.
9	Lunch Hour Off Setting - Power Down and Power UP	Set the time (in hours and minutes) to turn copying off for lunch and on again after lunch.

# Copy Monitor

The Copy Monitor page displays and provides configuration settings for the device's Electronic Copy Monitor (ECM) feature. ECM authenticates and tracks copies on a per-user basis. The Copy Monitor stores up to 1,000 personal identification numbers (PINs). Each PIN is a unique, 8-digit password that represents a separate account that can be used for billing and record keeping. An 8-character user name can also be associated with each PIN. Each user name must be unique.

When ECM is enabled, users are required to enter a password at the control panel in order to make copies. Besides authenticating, ECM also tracks the number of copies a user makes.

The screenshot displays the 'Copy Monitor' configuration page for an HP LaserJet 9065mfp. The page is divided into several sections:

- Navigation:** Information, Settings (selected), Networking, and a Log In link.
- Left Sidebar (1-6):** A list of settings categories including Configure Device, Email Server, Alerts, AutoSend, Security, Edit Other Links, Device Information, Language, Date & Time, Ordering Information, Other Settings, ON/OFF Schedule, and Copy Monitor.
- Copy Monitor Section:**
  - 2:** 'Enable Copy Monitor' checkbox.
  - 3:** 'Enable Send Authentication' checkbox.
  - 4:** Radio buttons for 'Select effect of reaching the copy limit': 'Immediately stop device' (selected) and 'Stop device after job finishes'.
  - 5:** Radio button for 'Display warning'.
- Add/Edit User Account Section:**
  - 7:** Name input field.
  - 8:** Password input field.
  - 9:** Limit input field.
  - 10:** Clear button.
  - 11:** Add >> button.
- User Account Table:**

Name	Count	Preset Limit	Action
- Action Buttons:**
  - 12:** Change Selected Item
  - 13:** Delete Selected Item
  - 14:** Reset Selected Item Count
  - 15:** Reset All Counts
- Footer:** Apply (16) and Cancel (17) buttons.

Callout	Area on the page	Information or capability provided by the area
1	EWS tabs and menus	For more information, see <a href="#">“Navigating through the HP Embedded Web Server” on page 5.</a>
2	Enable Copy Monitor	Select this box to turn on passwords for copying.
3	Enable Send Authentication	Select this box to turn on passwords for sending.



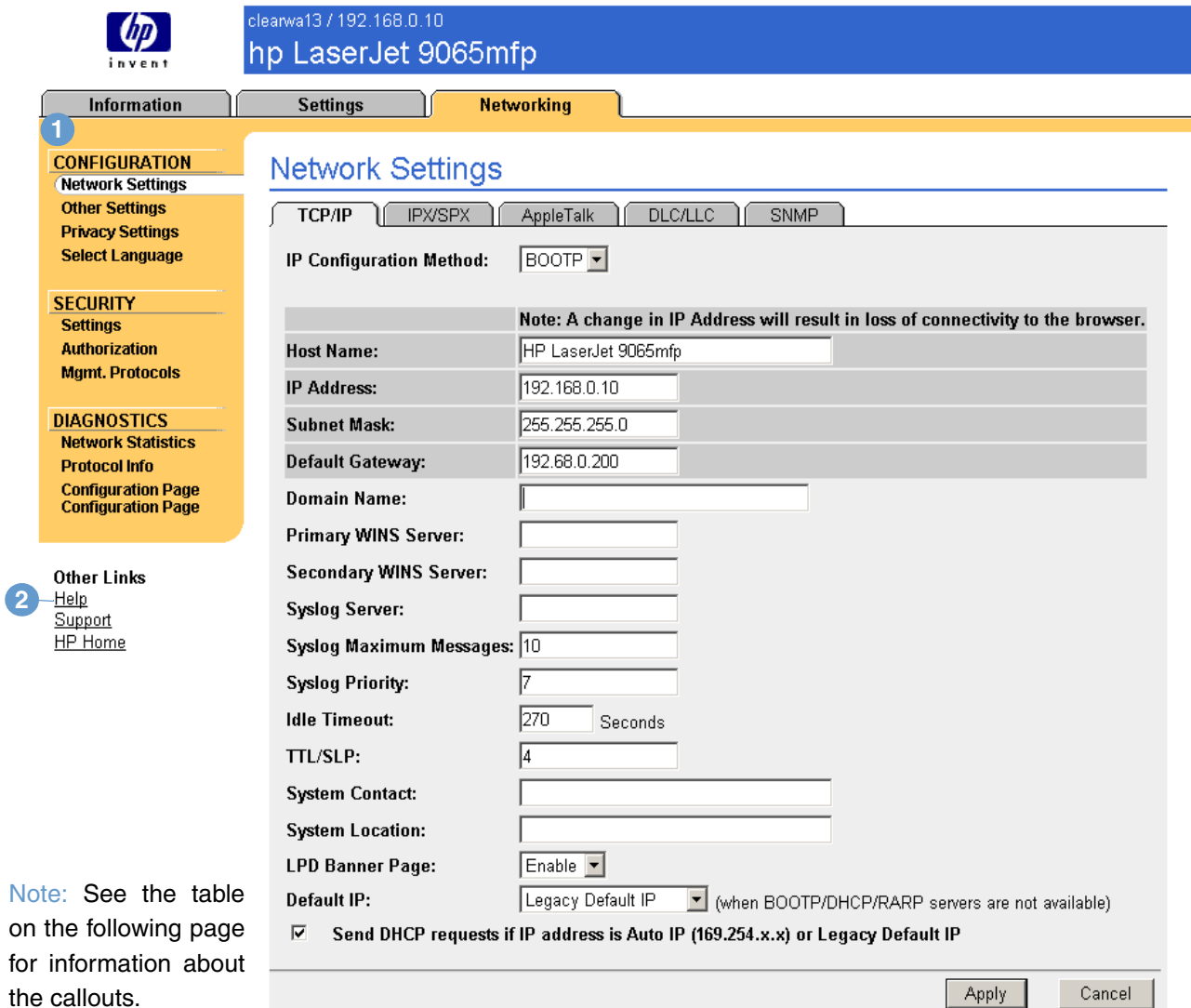
Callout	Area on the page	Information or capability provided by the area
4	Immediately stop device	Select this option to stop the device immediately when the copy count limit is reached.
5	Stop device after job finishes	When this option is selected, the device stops printing when the user's copy count is reached, after finishing the current print job.
6	Display warning	Select this option to display a warning that the copy count limit has been reached. The warning message appears in the copy menu of the device control panel.
7	Name:	The user name that you type in this field can be up to eight alphanumeric characters in length. It can also contain the following special characters: hyphen (-), forward slash (/), opening parenthesis ((), and closing parenthesis ()). Each user name must be unique.
8	Password:	Type an 8-digit numeric password. Each password must be unique.
9	Limit:	Set the number of copies that the user can make. The minimum setting is 0; the maximum is 999,999 copies.
10	Clear	Click this button to clear the settings for the name, password, and limit.
11	Add	After setting a new user account in the User Account area, click this button to add the user name to the Copy Monitor list. The change occurs only in the browser. To put the change into effect, click <b>Apply</b> . If you change your mind, click <b>Cancel</b> , and no change is made in the Copy Monitor.
12	Change Selected Item	Click this button to edit the selected user account. If you select more than one user, information for the first user appears in the User Account area, where you can change the user account information. After changing it, you must click <b>Add</b> to return the modified user account back to the Copy Monitor list.
13	Delete Selected Item	After you select a user name, click this button to delete the account. You can select more than one user account to delete.
14	Reset Selected Item Count	Select this button to reset to zero the copy counts for the selected user name. You can select more than one user name and perform this operation for all of them at once.
15	Reset All Counts	Select this button to reset all counts to zero. A new confirmation page will be opened, so that you can confirm the operation or return to the Copy Monitor page without resetting any count.
16	Apply	Click this button to send all changes made in the Copy Monitor list to the device. The <b>Action</b> column indicates the action that will go into effect for each user account when you press <b>Apply</b> .
17	Cancel	Click this button to revert to the Copy Monitor settings that were in effect before you made any changes in the browser.



# 4 Managing network operation from the Networking pages

## Overview

Use the Networking pages to configure and manage your device on your network. The appearance and features of the Networking pages will differ, depending on the model and version of your HP Jetdirect print server. The following screen is similar to what you might see when you click **Networking**. From the left navigational bar, click the Networking menu for the page that you want to view.



The screenshot displays the HP LaserJet 9065mfp web interface. At the top, the HP logo and 'invent' tagline are visible. The user is logged in as 'clearwa13 / 192.168.0.10'. The main title is 'hp LaserJet 9065mfp'. The interface is divided into three tabs: 'Information', 'Settings', and 'Networking', with 'Networking' being the active tab. On the left, there is a navigation menu with a '1' callout next to the 'CONFIGURATION' section. Under 'CONFIGURATION', 'Network Settings' is selected. Below this are 'Other Settings', 'Privacy Settings', and 'Select Language'. The 'SECURITY' section includes 'Settings', 'Authorization', and 'Mgmt. Protocols'. The 'DIAGNOSTICS' section includes 'Network Statistics', 'Protocol Info', 'Configuration Page', and 'Configuration Page'. At the bottom of the left menu, there is a '2' callout next to 'Other Links', which includes 'Help', 'Support', and 'HP Home'. The main content area is titled 'Network Settings' and has sub-tabs for 'TCP/IP', 'IPX/SPX', 'AppleTalk', 'DLC/LLC', and 'SNMP', with 'TCP/IP' selected. The 'IP Configuration Method' is set to 'BOOTP'. A note states: 'Note: A change in IP Address will result in loss of connectivity to the browser.' The following fields are visible: 'Host Name' (HP LaserJet 9065mfp), 'IP Address' (192.168.0.10), 'Subnet Mask' (255.255.255.0), 'Default Gateway' (192.68.0.200), 'Domain Name', 'Primary WINS Server', 'Secondary WINS Server', 'Syslog Server', 'Syslog Maximum Messages' (10), 'Syslog Priority' (7), 'Idle Timeout' (270 Seconds), 'TTL/SLP' (4), 'System Contact', 'System Location', 'LPD Banner Page' (Enable), 'Default IP' (Legacy Default IP), and a checkbox for 'Send DHCP requests if IP address is Auto IP (169.254.x.x) or Legacy Default IP'. 'Apply' and 'Cancel' buttons are at the bottom right.

**Note:** See the table on the following page for information about the callouts.

Callout	Area on page	Information or capability provided by area on page
1	EWS tabs and menus	For more information, see “ <a href="#">Navigating through the HP Embedded Web Server</a> ” on page 5.
2	Help	Click <b>Help</b> for more information about the options on the <b>Networking</b> tab.

Depending on your HP Jetdirect print server model and operating version, the following are some tasks that you can perform from the Networking pages:

- Change network configuration settings for various types of network connections.
- Enable or disable printing protocols.
- Set up a support contact and support URLs.
- Set a password to control access to printer and network configuration settings.
- Configure the security of your product through the use of passwords, access lists, and management protocols.
- View general network status information, including network statistics that are stored on the print server, for network troubleshooting or optimization.
- View protocol information for all supported network connections.
- Display the HP Jetdirect Configuration page.
- Set the frequency at which the HP Embedded Web Server checks the network status.

For more information about the Networking pages, see the following sources:

- **Help.** On each Networking page, a **Help** link under **Other Links** provides a description of the networking features and helpful tips for using them. Also, from the Help page you can gain access to additional help from HP’s Web site.
- **HP Jetdirect Print Server Administrator’s Guide.** This guide is normally available on the software CD that came with your product. To download the most recent version of the guide, go to: [http://www.hp.com/support/net\\_printing](http://www.hp.com/support/net_printing).

# 5 Using the Other Links as a resource

The **Other Links** box contains two permanent links that provide quick access to product-specific information, such as interactive troubleshooting and ordering information for HP genuine supplies.

hp LaserJet 9065mfp / 192.168.0.10  
hp LaserJet 9065mfp

Information Settings Networking [Log In](#)

Device Status  
Configuration Page  
Supplies Status  
Event Log  
Usage Page  
Device Information  
Print

### Device Information

Device Name:	hp LaserJet 9065mfp
Asset Number:	
Company Name:	your company
Contact Person:	Any Body
Device Location:	floor 7 room 2
IP Address:	192.168.0.10
Product Name:	hp LaserJet 9065mfp
Device Model:	CXXXXA
Device Serial Number:	CNZZX91001

**Other Links**  
[hp instant support](#)  
[Product Support](#)

**Other Links**  
[hp instant support](#)  
[Product Support](#)

**Note** You can use the Edit Other Links page on the **Settings** tab to add up to five customized links to the Web sites of your choice. These links appear throughout the HP EWS pages, in the **Other Links** box beneath the left navigational bar. For more information, see [“Edit Other Links” on page 32](#).

## hp instant support

Hewlett-Packard offers hp instant support, an internet-based support system that collects diagnostic information from your product and matches it with HP's information database. At hp instant support, you can find intelligent solutions that help you resolve problems quickly and easily.

### How hp instant support works

Information is gathered from your product and securely transmitted to Hewlett-Packard when you click **hp instant support**. The hp instant support Web site reads the product data to analyze the product's current status. The Web site creates a customized Web page that appears in the browser window and contains easy-to-follow text and visual aids. The hp instant support Web site also directs you to additional services that are available for your product.

Before any of the product data is sent to Hewlett-Packard for analysis, you can view all of the information (for example, serial number, error conditions, and product status) that will be forwarded. Hewlett-Packard treats this information as confidential.

### Information you can get from hp instant support

The hp instant support Web site provides these tools for troubleshooting and for maintenance:

- Firmware and software updates.
- Troubleshooting for recent events that are listed on the Event Log. For example, the product might show a jam as the most recent event listed in the event Log. The hp instant support Web site detects the event and provides troubleshooting information for the jam.
- Support packs.
- Product documentation, such as user guides and getting started guides.

## Product Support

The **Product Support** link connects you to a Web page that brings together a comprehensive menu of support resources that business people need. From this Web page, you can accomplish these tasks and more:

- Find a list of HP products at one site: desktops, workstations, servers, storage devices, printer, scanners, digital imaging, and mobile devices.
- Obtain technical support. Solve a problem; find information to set up, install, and configure your product; discover and use a product; maintain your product; upgrade and migrate your product software and driver; and recycle products or dispose of them correctly.
- Gain access to self-solve resources such as FAQs, user documentation, features and specifications, and product compatibility information.
- Collaborate with HP and with your peers through discussion groups, e-mail support, and phone support.
- Use task-based navigation to identify the task area that you want to work on and quickly discover related topics and tools.

In addition, you can find these features: hot topics, a subscription center, product rebate offers and other announcements, and training and education opportunities.

## My Service Provider and My Service Contract

The **My Service Provider** and the **My Service Contract** links appear only if they have been created by the service provider in the Other Links page on the **Settings** tab. The link can then be clicked by any user to get information about the service provider and the service contract. The information, which can be up to 50 characters long, is stored in the permanent storage of the device.

When these links have been created, the appearance of the **Other Links** box changes to include the new links, as shown in the following illustration.







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