

Moving backward or forward in a job that's currently printing

In Infoprint Manager, moving from page to page in a job is called *spacing the printer*:

- *Forward spacing* is moving to a point later in the job (such as skipping from page 10 to page 15).
- *Backspacing* is moving to a point earlier in the job (such as backing up from page 40 to page 20).

Spacing a printer

Things to remember:

- **You can only space a printer that uses the PSF Destination Support System (DSS) and one of the following attachment types:**

- PSF TCP/IP
- PSF Channel

To see what DSS your printer uses, do the following:

1. Select the printer in the tree view of the Main window of the Infoprint Manager GUI.
2. See if the **Type** column appears in the details view. The **Type** column displays the DSS that the Infoprint printer uses.
3. If you don't see the **Type** column, use **Add/Remove menu items** to add it.

- **You can only space a printer after a job has already started to print.**

If you only want to print a section of a job (such as page 11 to page 20) or if you want to start printing from a page other than the first page of the job, use the **Change Page Range to Process** task in the Infoprint Manager GUI.

- **Spacing works better on high-speed printers than on low speed printers.**

While spacing is supported on all printers that you print to using the PSF DSS, it is very difficult to space printers that print 40 pages per minute (ppm) or less. Spacing works adequately on printers that print between 60 and 100 ppm, and works very well with high-speed Infoprint printers that are configured correctly.

- **The Infoprint 2000, Infoprint 3000, Infoprint 4000, and Infoprint 4100 printers require additional configuration for spacing to work efficiently.**

Refer to the **Setting up high speed printers for spacing** topic for instructions on configuring your printer.

- **Page numbers refer to pages of the print job, not necessarily to any page numbers in your document.**

For example, in a book, the first page of chapter one is usually "page 1." However, it might be page 15 of the print job, because of the title page, credits, and table of contents.

- **You cannot space to the back side of a sheet of paper.**

If you are printing a duplex job, you will always print both the front and back sides of the sheet of paper that you space to.

To space a printer, do the following:

1. Start the Infoprint Manager GUI.
2. In the GUI, find the Infoprint printer that you need to space.

3. Select the Infoprint printer by clicking on it, then click **Printer** -> **Stop**.

Note: If you don't see **Stop** in the menu, use **Add/Remove menu items** to add it.

4. In the **Stop printer_name** dialog, select **Pause** and **Now**, and click **OK**.
Even though you selected **Now**, the printer will keep printing for a while because it has to get to a point in the job where it can stop. For Infoprint 2000, Infoprint 3000, and Infoprint 4000 printers that are configured correctly, you shouldn't have to wait more than 10 seconds. For other printers, you may have to wait longer.
5. Once the printer has stopped printing, look at the last sheet that printed. Write down the number of that sheet of the job.
6. Figure out what sheet of paper in the job you want to space to. Write down the number of that sheet of the job.
7. Figure out the number of sheets of paper you need to space.
 - To **forward space** the printer:
Subtract the number of the sheet that printed last (from step 5) from the number of the sheet that you want to skip to (from step 6), and then subtract one. Like this:
 $(\text{number from step 6}) - (\text{number from step 5}) - 1 = \text{number of sheets to skip}$
 - To **backspace** the printer:
Subtract the number of the sheet that you want to go back to (from step 6) from the page that printed last (from step 5), and add one (for the current page). Like this:
 $(\text{number from step 5}) - (\text{number from step 6}) + 1 = \text{number of sheets to back up}$
8. Determine the number of "sides" to space the printer.
 - If you are printing a simplex job, the number of sides is the same as the number of sheet from step 7.
 - If you are printing a duplex job, multiply the number from step 7 by two to get the number of sides. ($\text{number from step 7} \times 2 = \text{number of sides}$)
9. In the Infoprint Manager GUI, find the printer you want to space and select it.
10. With the printer selected, click **Printer** -> **Space**.
11. In the **Space printer_name** dialog, select **Backspace** or **Forward space** and type the number of sides you found in step 8.
12. Click **OK**.
13. Make sure the printer is still selected and click **Printer** -> **Resume** to start the printer again.