

Configuring *.INI Files

The HP 2000C Configuration program allows you to modify settings in *.INI files simply by clicking check boxes.

When you click the OK button, the program updates the appropriate *.INI files with any changes you have made to the check boxes. After clicking OK, the program will prompt you to either Restart Windows or Return to Windows. You must restart Windows in order for the changes you have made to take effect.

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To exit the configuration program without making modifications to any *.INI files, click Cancel.

To set all check boxes to their default settings, click Default.

To print this or any other help topic, select Print Topic from the File menu.

DOS Spooling

(Supported in Windows 3.1 Enhanced Mode only)

Default = ON (Checked)

This item applies to print jobs that are started from a DOS session within Windows.

When this box is checked, print jobs bound for printer ports that an HP 2000C printer is connected to will be spooled. If the Print Manager in Windows is active, the print jobs will be spooled through the Print Manager; otherwise, they will be spooled by the printer driver.

You will observe two main benefits from DOS Spooling:

- Quicker return to your DOS software program
- Prevention of DOS print jobs interfering with Windows print jobs

Scale Hatch Patterns

Default = ON (Checked)

When this box is checked, the printer driver scales Windows hatch patterns to approximate their appearance on the screen.

If this box is unchecked, the patterns will not have the same appearance as your screen.

Adjust Print Region

Default = OFF (Unchecked)

When this box is checked, the printer driver adjusts the printable area of your printer to allow for a 0.5- inch bottom margin. This might cause data to shift on the page.

When this box is unchecked, the bottom margin is greater than 0.5 inches.

Bi-directional Printing

Default = ON (Checked)

When this box is checked, the printer driver will take advantage of the bi-directional communication capabilities of your printer.

Bi-directional communication allows the printer driver to obtain more information regarding the printer's current state. When errors occur that require user intervention (such as, responding to an "Out of Paper" error), the printer driver can be more specific about the nature of the error and what you should do to fix the problem.

When this box is unchecked, the printer driver does not use the printer's bi-directional communication capabilities. With certain hardware configurations, bi-directional communications might not be possible and/or might be unreliable. With these configurations, you might want to disable bi-directional communication to improve overall printer driver performance and reliability.

Examples of the above mentioned hardware configurations include

- PC's whose parallel (LPT) ports do not provide all of the signals required for bi-directional I/O.
- Switchboxes or cables in which all of the required signal lines between the computer and the printer are not connected.
- Inferior quality printer cables which introduce electrical noise or otherwise alter the characteristics of the signals between the computer and printer.
- "Smart" switchboxes, "spooling" devices, or other devices that can alter the characteristics of the signals between the computer and printer.

Subsampling

Default = OFF (Unchecked)

When this box is unchecked, the printer prints black data at higher resolutions than color data by requesting data from Windows at a lower resolution, then scaling up the black data.

When this box is checked, the printer driver requests data from Windows at the higher resolution and produces the lower resolution color data. This is known as “subsampling.” If you see printing artifacts in your documents, checking this box might help. This can result in better print quality for some documents, but the printing time will be longer.

Download TrueType Fonts

Default = ON (Checked)

When this box is checked, TrueType fonts used in your documents can be downloaded to the printer as needed. Documents which contain mostly text will usually print much faster. However, if you find that the wrong font appears on the printout, unchecking this box might help.

This item is ignored when the Print TrueType as Graphics box is checked.

Print TrueType as Graphics

Default = OFF (Unchecked)

When this box is unchecked, the printer uses its own internal fonts instead of the TrueType fonts stored in your computer. Documents containing mostly text print very quickly because the computer does less work.

Check this box if your printouts seem to have strange interactions between text and graphics. Printing slows down when this box is checked.

Rectangles

Default = OFF (Unchecked)

When this box is checked, some presentation graphics packages will paint extraneous black lines in gradient fills.

When this box is unchecked, Windows simulates rectangles for the printer, which might fix some graphics drawing problems.

Windows Printing Technology

Default = ON (Checked)

When this box is unchecked, imaging problems with CorelDraw and Microsoft Art Gallery might be fixed.

Treat Black As

Default = Smart Black

- Select **Smart Black** to let the printer driver automatically determine any additional processing required for black text or graphics.
- Select **Graphics** if your document contains mostly photographic images or graphics and the black text or black objects are not consistent with other black text or black objects on the page.
- Select **Text** if your document contains mostly black text and the black text isn't crisp or isn't consistent throughout the page.

Enable 32-bit Thunking

Default =ON (Checked)

(Windows 95 Only)

Change this setting only by recommendation from HP Customer Support. When selected, this setting allows 16-bit code to "Thunk" to 32-bit code for faster image processing.

Launch Toolbox when Printing

Default = ON (Checked)

When this box is checked, the HP 2000C Toolbox will appear as a minimized icon on the desktop during print jobs.

Image Sharpening

Default = ON (Checked)

(Windows 95 and Windows NT 4.0 only)

When this box is checked, the printer uses one of HP's newest ColorSmart II technologies to automatically sharpen the detail of low resolution images, such as 72 dpi bitmaps, by simulating a higher resolution printed image. This feature is only available when printing documents in Best mode. Turning this feature off can improve print speeds in Best mode, but will not increase image quality for documents containing low resolution graphic images.

Enable NT User Mode Text

Default = ON (Checked)

(Windows NT 4.0 only)

When this box is checked, the driver runs in User Mode which enables text processing flexibility for either 300x300 dpi text or 600x600 dpi text as required. This is the normal operating setting for the driver.

If printed documents show garbled text with graphics that print correctly, this setting should be unchecked. When this box is unchecked, the driver runs in Kernel Mode and text is processed at a fixed 300x300 dpi resolution.

