

PrintSwitch 3.0b

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If You Have More Than One Installed Windows Printer Or Fax Modem, You Need PrintSwitch!

PrintSwitch is a useful Shareware utility that makes changing your default Windows printer and its settings as easy as one click or HotKey press! Automatically configures itself for your system and displays all currently installed printers. Shows current default selection and paper orientation in normal or icon state and automatically senses any changes. Also allows access to printer setup, toggling Print Manager on & off, Print Manager priority settings and toggling paper orientation. User configurable for printer alias names, horizontal or vertical format, screen position, button font size, button height and width, button color, HotKey key assignment and HotKeys enabled/disabled. It also has options of remaining on top of all running programs and starting as an icon. If you have more than one installed printer and change them regularly, this utility is for you! Great for printers with multiple connections and fax modems!

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Files Included With PrintSwitch

These are the files that are included and their functions. An asterisk (*) indicates that this is a file necessary to the function of the program. A pound symbol (#) indicates that this file is installed by default in the Windows System directory.

*PSWITCH.EXE	- main program file.
*PSWITCH.HLP	- this help file.
#*PSETUP.DLL	- dynamic link library.
#*MESSRECD.DLL	- dynamic link library.
#*PPORIENT.DLL	- dynamic link library.
#*HOTKEY.DLL	- dynamic link library.
#*DISKSTAT.DLL	- dynamic link library.
#*VBCTL3D.VBX	- custom control.
#*3DLABEL.VBX	- custom control.
#*INICON2.VBX	- custom control.
#*VBMSG.VBX	- custom control - Copyright (C) 1993, JOSWare, Inc.
*RESTART.EXE	- program that PrintSwitch uses to update its display.
README.TXT	- initial instructions.
SITE.WRI	- order form/agreement for corporate site license.
INSTALL.EXE	- install program.
INSTALL.INF	- installation initialization file.
VBINST.DLL	- dynamic link library for install program.
1	- disk identifier for install program.
FILE_ID.DIZ	- standard BBS description file.
DESC.SDI	- description file used by some BBS's.
VENDOR.DOC	- instructions for BBS operators and disk vendors.

Installation & De-Installation Instructions, Upgrading

To install

Run INSTALL.EXE. It will copy all distribution files to the directory of your choice (.VBX and .DLL files will be placed in your Windows/System directory) and a Program Manager group will be created. For optimal ease of use, it is recommended that you have PrintSwitch automatically load when Windows is started. Requires VBRUN300.DLL, not included - (Can be downloaded from Compuserve, also available from most BBS's).

To de-install

Delete PSWITCH.INI from your windows directory. Delete all files that are listed in Files Included With PrintSwitch. Delete any PrintSwitch references that you may have added to the load line of WIN.INI. Delete any PrintSwitch icons & program groups.

When upgrading from a prior version

If you are upgrading from an older version of PrintSwitch OR have another program installed that uses an old version of MESSRECD.DLL, you will get an error message "sub or function not defined" when starting or closing PrintSwitch. You must delete ALL copies of the outdated version of MESSRECD.DLL from your system and reinstall the newest version. It should be dated 10/5/93 or newer and be 1,792 bytes in size. It should be reinstalled in your Windows/System directory. Other programs that used the old version will not be affected by the update.

VBRUN300.DLL is the Visual Basic Runtime Library Version 3.0 and is required to run any Visual Basic 3.0 program. (VBRUN200.DLL and VBRUN100.DLL are for version 2 and version 1 programs respectively).

General Usage & Options, HotKeys

When you start PrintSwitch it will automatically configure itself by adding all currently installed Windows print drivers and multiple connections, it will sense the status of Print Manager, its priority setting and the paper orientation of the current default printer.

HotKey combinations may be used from within any active application with PrintSwitch minimized to an icon, set to normal size or invisible. You may change or disable/enable the hot keys by selecting Define Hotkeys or click HotKeys Enabled from the Options menu (see below). Default HotKeys are highlighted below.

Printer Selection

Changing printers is as easy as clicking the button you desire. You may also use the HotKey combination **Ctl-Shift-P** or click on the program icon with the right mouse button (if so configured) to cycle through the printers from top to bottom. You may also use the Up/Down arrow keys when the program is normal size in vertical or horizontal format.

Paper Orientation

Changing paper orientation is accomplished with the orientation button between the Printer Setup and Print Manager buttons or you may use the HotKey combination **Ctl-Shift-O**. If so configured, clicking the minimized icon with the right mouse button toggles the orientation. The program icon will change accordingly to display a P for Portrait and L for Landscape modes.

Printer Setup

You may access setup for the current printer with the left Printer Setup button or you may use the HotKey combination **Ctl-Shift-S**.

Print Manager

Clicking the right Print Manager button with the left mouse button or using the HotKey combination **Ctl-Shift-M** toggles Print Manager on and off. The button and program icon changes to indicate Print Manager's status.

Toggling Window Size

You may change between Icon and Normal program states as you normally would or use the HotKey combination **Ctl-Shift-R**. Double clicking on any printer selection button performs the selection and minimizes the program.

Toggling Visibility

You may toggle PrintSwitch from Visible to Invisible with the HotKey combination **Ctl-Shift-V**. If you exit Windows while PrintSwitch is invisible, it will be invisible when Windows is restarted. You can use Task Manager to switch to PrintSwitch while it is invisible but if it is then terminated and restarted it will still be invisible.

The Options menu provides the following choices (click any button once with right mouse button to display it):

Always On Top

When this option is checked (Default), PrintSwitch will remain on top of all running programs

when iconized or normal size. You may also use the HotKey combination **Ctl-Shift-T** to toggle this setting.

Startup Minimized

When this option is checked, PrintSwitch will always start up as an icon.

Screen Position

Clicking on this menu choice will present you with a sub-menu of default screen positions. The Remember Last Position setting will cause PrintSwitch to appear in the screen position that it was in when it was last closed.

Define Printer Alias Names

Clicking on this menu choice will present you with a dialog box that allows you to select printer name aliases. This function is extremely useful if you want to make PrintSwitch as small as possible. Using an extremely short name of about 5 characters will allow you to resize PrintSwitch to the minimum horizontal size setting. You may substitute all or some of the name and connection strings. The only restriction is that you may NOT use a semicolon in the name. If you add or delete a printer using Windows Control Panel, you must redefine the alias names.

HotKeys Enabled

When this selection is checked the HotKeys are enabled. If it is unchecked, the HotKeys are disabled and the Define HotKeys menu selection is greyed.

Define HotKeys

Clicking on this menu choice will present you with a screen to change the HotKey key choices. You may use any key from A to Z or any number from 0 to 9. PrintSwitch will automatically be restarted after modification of the HotKeys.

HotKey Help

Clicking this menu selection will present a list of the currently defined HotKeys.

Right Mouse Click On Icon Will--

Clicking on this menu choice will present you with a sub menu to define the result of clicking on the minimized icon with the right mouse button. Toggling paper orientation or cycling through the printers are the two options.

Button Font Size

Clicking on this menu choice will present you with a sub-menu of 3 font sizes. This is useful if you select the smallest vertical button size or have an installed printer driver that is too long to display on its respective button. The 6 point selection may only be available at higher video resolutions.

Vertical Button Sizes

Clicking on this menu choice will present you with a sub-menu of 3 vertical printer selection button sizes. The smallest selection will probably require you to change the button font size to 6. When this setting is changed, PrintSwitch will automatically restart.

Bigger Buttons Horizontally and Smaller Buttons Horizontally

Clicking repeatedly on these menu choices or using the shortcut keys F4 for bigger and F3 for smaller will resize the buttons horizontally to your needs. Use this in conjunction with the Define Printer Alias Names, Vertical Button Sizes and Button Font Size settings above to customize PrintSwitch for your individual needs.

Button Colors

Clicking on this menu choice will present you with a palette of colors from which to choose the background and text color of the selected and unselected printer buttons. To select a color, drag and drop a color on the button using the left mouse button for the background and the right mouse button for the text. The selected colors will become effective upon exiting the palette.

Horizontal/Vertical Configuration

Clicking on this menu choice or clicking on the Title Bar with the right mouse button will toggle between horizontal and vertical formats. To toggle printers click on the diagonal arrow buttons or use the keyboard up/down arrow keys. The horizontal format is sized vertically to the same dimensions as the title bar/menu bar of most desktop shells (i.e. Norton Desktop, Program Manager, etc.). Use the key combination Alt + keyboard arrow keys to position it exactly where you want in very small increments. To adjust the size of the horizontal format use the Bigger Buttons Horizontally or Smaller Buttons Horizontally menu or shortcut keys, as mentioned above.

Print Mgr Priority

Clicking on this menu choice will present you with a sub-menu of Print Manager priorities. You may also use the shortcut keys F7, F6 and F5 for High, Medium and Low respectively. These settings will only be effective if they are made while Print Manager is NOT running. If Print Manager is running and you change the priority, it will be ignored until Print Manager is terminated and restarted.

All settings are saved in PSWITCH.INI in your Windows directory.

How To Get A Message To The Author

You may send the Author a fax with your thoughts, suggestions, ideas, complaints, etc. Fax the report to the Author via the number below. Please include a brief description of your system if you have a technical question, problem or bug to report. You may also leave any questions, comments or suggestions for the author on CompuServe, America Online or 24 hour voice mail:

**Michael Haschka - CompuServe 73027,3307 OR America Online at MikeH1259
OR Fax (805) 482-6213 OR 24 HR Voice Mail (805) 378-7232**

The author's mailing address is:

**Graphic Impact
Attn: Michael Haschka
5241 Mission Oaks Blvd., Suite 377
Camarillo, CA 93012-5425 USA**

Trouble Shooting And Known Bugs

Obsolete .DLL Warning

If you are upgrading from an older version of PrintSwitch OR have another program installed that uses an old version of MESSRECD.DLL, you will get an error message "sub or function not defined" when starting or closing PrintSwitch. You must delete ALL copies of the outdated version of MESSRECD.DLL from your system and reinstall the newest version. It should be dated 10/5/93 or newer and be 1,792 bytes in size. It should be reinstalled in your Windows/System directory. Other programs that used the old version will not be affected by the update.

Duplicate .dll And .vbx Files

If you receive error messages like "sub or function not defined" or "invalid sub or function" when trying to run PrintSwitch, it is possible that you have duplicate copies of one of the .vbx or .dll files provided with PrintSwitch. See the [Files Included With PrintSwitch](#) section and scan all of your drives to verify that the only versions of the .vbx and .dll files that reside on your system are in the windows\system directory and that they are the ones provided with PrintSwitch (all are dated the same for identification purposes).

Why Doesn't My Application Respond To A Printer Change When I Use PrintSwitch?

Some applications (including AmiPro, Quicken for Windows & Norton Desktop editor, just to name a few) do not sense a change to the Windows default printer WHILE THEY ARE RUNNING. The specific technical name for this message that these applications do not recognize is WM_WININICHANGE. If your application has this problem, you will note that it doesn't sense a change even when you use Windows Control Panel! These applications usually provide a dialog to change to a specific printer TEMPORARILY AND FOR THAT APPLICATION ONLY.

Norton Desktop 3.0

Making PrintSwitch invisible with a HotKey while using Norton Desktop 3.0 may cause PrintSwitch to fail to become visible again despite repeated usage of the HotKey. To make it reappear, use the HotKey assigned to make PrintSwitch Always On Top.

Windows Notepad

If you run NotePad and use PrintSwitch to change printers and then subsequently change printers again with the printer setup menu of NotePad, any subsequent attempts to change printers with NotePad will fail. This appears to be a bug in NotePad.

Intel FAXAbility Software

Some users have reported problems of compatibility with Intel FAXAbility software. We hope to have a fix for this in the near future.

Complete Communicator Software "Cannot find cpfax.driv" error message

To correct this problem, copy the cpfax.driv file from \ccwin\fax to \windows\system. When upgrading Complete Communicator in the future, remember that you have the same driver in 2 separate directories and both directories must be updated.

WinFax Pro Causes PrintSwitch To Stop Responding To System At Windows Exit

Some users have reported problems of PrintSwitch causing the system to freeze upon exiting Windows while WinFax Pro is running. We hope to address this problem in a future version. In the interim, close WinFax Pro or PrintSwitch before exiting Windows.

Most other error messages received during usage of PrintSwitch should be fairly self explanatory. If not, refer to the [How To Get A Message To The Author](#) section for ways to reach the author.

PLEASE REPORT ALL BUGS, INCOMPATIBILITIES AND GPF'S TO THE AUTHOR

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Shareware Distribution

PLEASE SEE VENDOR.DOC INCLUDED WITH THE PROGRAM

All Other Countries Including U.S.

PrintSwitch is not PUBLIC DOMAIN NOR FREE SOFTWARE! It is provided for limited use for the purpose of evaluation only. Non-registered users of this software are granted a limited license to use an evaluation copy for trial use on a private non-commercial basis for the expressed purpose of determining whether PrintSwitch is suitable for their needs. **At the end of the 30 day trial period you MUST register your copy or discontinue using this product!** When you register, you will receive a version of PrintSwitch which omits the shareware notices, technical support, a free upgrade to the next major revision and automatic notification of new versions.

The registration fee is a very nominal \$10 plus shipping for single users. You may register via CompuServe, America Online, by mail or fax (credit card orders only via AOL & fax). We accept VISA and MasterCard. To register by mail or fax use the Order option from the Option menu and choose United States And All Other Countries. To register on CompuServe (no shipping charges) type GO SWREG and search on #1013. The registration fee will be charged to your CompuServe account.

AS A BONUS WHEN YOU REGISTER: If you register via the mail or fax (i.e. not on CompuServe) we will send you a certificate for a discount on a great collection of shareware on CD-ROM. This certificate entitles you to one issue of the 'JCSM Shareware Collection' for \$9.95 plus shipping (\$2 in the US, \$3 in Canada, \$5 elsewhere). This is a great price on a great collection of shareware!

The prices for network or multi user site versions are as follows:

- 2 to 9 computers at \$8 each
- 10 to 24 computers at \$7 each
- 25 to 49 computers at \$6 each
- 50 to 99 computers at \$5 each
- 100 or more computers CONTACT THE AUTHOR

A corporate site license order form and agreement is included in the archive as SITE.WRI.

If you have any questions please see [How To Get A Message To The Author](#)

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The registration fee is a very nominal 165 FF for single users. We accept credit cards. To register by mail or fax use the Order option from the Option menu and choose French Speaking Europe.

Please contact us for French European network or multi user site pricing:

WindowShare SARL
B.P. 2078
57051-METZ cedex 2
France
Fax:(+33)87 32 37 75
Vox:(+33)87 30 85 57
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If you have any questions for the author please see [How To Get A Message To The Author](#)

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