This documentation is valid for PStill Version 1.65 and later, earlier versions do not support network printing.

# How to setup the Windows printer driver to print directly to PStill using the Network Printing Facility.

## 1. Install the Windows components to support LPR (TCP/IP) printing:

PStill supports the LPR printing service which is included in Windows XP, 2000 and NT but is a separate third-party add-on for 98 and ME. This section explains how to install the component in Windows as this particular print service is not installed by default. The component is named "TCP/IP printing" or "UNIX printing services" in Windows.

Attention: Have your Windows System CD-ROM handy - when asked for your Windows CD-ROM, please insert the CD-ROM and follow the instructions as given in the dialog.

On *Windows XP* follow this documentation as published by Microsoft:

http://www.microsoft.com/windowsxp/pro/using/itpro/networking/printservicesunix.asp

On Windows 2000 follow this path:

- From Start -> Settings -> Control Panel, open Network and Dial-up Connections.
- From the Advanced file menu choose Optional Networking Components...
- Select Other Network File and Print Services, and choose Details...
- Check the box for **Print Services for Unix** and choose **OK** and **Next**.

## On Windows NT click with the right mouse button on Network Neighborhood:

- From the menu that appears, select **Properties**.
- In the **Network** window that appears, click on the **Services** tab.
- Browse through the list of *Network Services*
- If **Microsoft TCP/IP Printing** is not listed, click on the **Add...** button.
- In the Select Network Service window, select Microsoft TCP/IP Printing from the list of Network Services.
- Click **OK**.

#### 2. Install a printer port to allow to print to PStill

The setup on Windows 2000 is given as example, it is very similar to Windows XP only details of the dialogs differ slightly.

## From Start -> Settings -> Printers, select Add Printer.

- From the ,,Add Printer Wizard" window, choose Next>
- Choose Local printer.

.ocal or Network Printer Is the printer attached to your c	computer?
If the printer is directly attached another computer, or directly to	I to your computer, click Local printer. If it is attached to the network, click Network printer.
Automatically detect an	id install my Plug and Play printer
C Network printer	

- Select Create a new port: and LPR Port
- Note: If you have already installed a LPR port for PStill you may want to select this from the list of available ports instead! (See 'Use the following port:' list)

Select the port you want your printer to use. If the port is not listed, you can create new port.	Computers corr	municate with printers th	hrough ports.	
Port  Description  Printer    LPT1:  Printer Port	elect the port iew port.	you want your printer to owing port:	use. If the port is not listed,	you can create a
LPT1:  Printer Port    LPT2:  Printer Port    LPT3:  Printer Port    COM1:  Serial Port    COM2:  Serial Port    COM3:  Serial Port    Note:  Most computers use the LPT1: port to communicate with a local printer.    Image: Create a new port:  Type:    LPR Port  ▼	Port	Description	Printer	
Note: Most computers use the LPT1: port to communicate with a local printer.       © Ereate a new port: Type:        LPR Port	LPT1: LPT2: LPT3: COM1: COM2: COM3:	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port		
	Note: Most	computers use the LPT	1: port to communicate with	a local printer.
Type: LPR Port	• <u>C</u> reate a ne	w port:		
	Туре:	LPR Port		-

• Now enter 127.0.0.1 for the hostname/address and 'pstill' for the printer queue

Add LPR compatible printer		<u>×</u>
Name or address of server providing lpd:	127.0.0.1	ОК
Name of printer or print queue on that server:	Dstill	Cancel
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- Now select the appropriate Manufacturer and Printer model, e.g. ,,HP" and ,,HP Color Laserjet PS" or ,,Canon" and ,,Canon PS-IPU LaserCopier"
- When prompted to name your printer, enter a descriptive name and decide whether this should be the default printer. E.g. "PStill" or "PDF Conversion" makes sense here.
- In the Printer Sharing window, select: Do not share this printer
- This concludes the network setup. PStill should now be able to receive data. If PStill conplains about being unable to establish the network services you need to reboot once. This is due to the fact that initial installation of the "UNIX printing services" on Windows seems to block TCP/IP port 515. This block is gone after a reboot.
- Before sending jobs to PStill your printer should be configured for best conversion results, see the separate document on "Print Setup".

The information in this document is given in the hope of being useful but without any warranty of any kind If you find something in error please notify me at <u>frank@wizards.de</u>.