

Installation Instructions

# Leica IPC and IPS

## **Printer Driver Software**

For the Windows 7 (32/64-bit) and Windows XP (32-bit) operating systems

Installation Instructions V 1.0 RevA, English 04/2013 Order No.: 14 0602 82101

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#### 1. Introduction

#### 1.1 Overview

The Leica Biosystems website makes separate, up-to-date drivers for the Leica IPC and IPS printers available for download for the Windows XP (32-bit), Windows 7 (32-bit) and Windows 7 (64-bit) operating systems.

These drivers are also available on the CD-ROM accompanying the printed Instructions for Use.

Printer driver Version 2.5 is needed for installation on a computer with Windows XP (32-bit) or Windows 7 (32-bit) operating systems, while Version 2.6 of the printer driver has to be installed for the Windows 7 (64-bit) operating system.

The installation is carried out in four steps:

- Step 1: Uninstalling or checking whether any IP printer drivers are preinstalled in the system.
- Step 2: Installing the help files for users.
- Step 3: Installing and configuring the printer driver.
- Step 4: Version check. An incomplete installation without, say, help files will not be accepted by the system.

The difference compared to previous drivers is the new help files, which, in the event of an error message, show the user corresponding on-screen instructions. The handling of these files is documented by an integrated help function.



The previous drivers for Windows XP Version 2.0, Windows Vista Version 2.34 and Windows 7 32-bit Version 2.40 remain in their current state instead of being further updated.

#### 1.2 Area of validity

For using the IP C / IP S printers with the Windows XP / Windows 7 (32-bit) or Windows 7 (64-bit) operating systems, including the new help function.

#### **1.3 General installation instructions**

#### **Requirements:**

- If necessary, the local IT administrator has to grant the user the needed user rights for installing the printer driver.
- For every printer to be installed, a functional COM port has to be available under the device manager before the installation is carried out.

#### **General**:

• These installation instructions are documented using the Windows 7 (32/64-bit) and Windows XP (32-bit) operating systems.

#### 2.1 Uninstalling the existing IP printer driver software



Ensure that no print job has begun and no message is sent from the printer to the computer.

The description in Chapter 2.1 applies only to the new printer driver Versions 2.6 for Windows 7 (32-bit and 64-bit).

Under "Start/Control Panel/All Control Panel Items/Programs and Features" (1), select the "IP C" or "IP S" driver (2) and click "Uninstall" (3).

					- • <b>×</b>
Control Panel >	All Control Panel Items   Programs and Features			<ul> <li>Search Programs and</li> </ul>	l Features 🔎
Control Panel Home View installed updates Turn Windows features on or off	Uninstall or change a program To uninstall a program, select it from the list and ther Organize Uninstall Name Construction of the Driver Construction of th	e click Uninstall, Change, or Repair. Publisher Leica Leica Microsoft Corporation Microsoft Corporation Microsoft Corporation Microsoft Corporation Microsoft Corporation Vierosoft Corporation Vierosoft Corporation	Installed On         Size           2007 2012         245 MB           7012         245 MB           03.03 2011         2,93 ME           03.03 2011         2,93 ME           09.03 2012         788 KE           04.10.2011         596 KE           05.10.2012         788 KE           05.10.2012         788 KE           05.10.2011         596 KE           05.10.2011         600 KE           09.03.2012         38,4 ME	Version 5161 4.0.30319 9.0.30729.418 9.0.30729.418 9.0.30729.418 9.0.30729.6161 8.8.2.10499	<u>∎</u> • •
	Leica Product version: 2.2 Help link: http://www.leica-mi	Support link: http://www.leica cro Size: 13,0 MB	-microsystems.com		Fig. 1

Click **"Yes"** to confirm the system message.



#### 2.1 Uninstalling the existing IP printer driver software (continued)

Click **"Yes"** to confirm the system security message to continue and finish the uninstallation.



#### 2.2 Uninstalling the IP printer



The following description applies to all IP printer driver versions.

Open "Start/Devices and Printers" and select the printer to be deleted (for example, "IP C") by right-clicking it. In the drop-down menu, click "Remove device" with the left mouse button.



#### 2. Windows 7 (32-bit and 64-bit)

#### 2.2 Uninstalling the IP printer (continued)

Click **"Yes"** to confirm the system message.



Close all open windows and restart the computer.





Before restarting, save your current work to prevent data loss.

#### 2.3 Uninstalling the IP printer driver

After deleting the printer icon and restarting the computer, any printer, such as "**Microsoft XPS**" (1), can be selected with the right mouse button. The "**Print server properties**" menu (2) appears in the system menu bar. Open this menu item by clicking it.



#### 2.3 Uninstalling the IP printer driver (continued)

In the "Print Server Properties" menu select the "Drivers" tab (1) and select the printer driver, for example, IP-C (2). Delete the driver by clicking "Remove..." (3).

Print Server Properties		×	_
Forms Ports Drivers Security	Advanced		
W7UGX64	<b>`1</b>		
Installed printer drivers:		<u>_2</u>	
Name	Processor	Туре	
IP-C	хб4	Type 3 - User Mode	
Microsoft XPS Document	х64	Type 3 - User Mode	
TP Output Gateway	х64	Type 3 - User Mode	
TP Output Gateway PS	хб4	Type 3 - User Mode	
	/	_3	
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties	
🛞 Change Driver Settings	5		
	ОК	Cancel Apply	

Fig. 7

#### Windows 7 (32-bit and 64-bit) 2.

#### 2.3 Uninstalling the IP printer driver (continued)

To update to a new driver version, "Remove driver and driver package" (2) has to be selected and confirmed with "OK" (3).

If only one IP printer is to be removed from among multiple installed IP printers, the selection "Remove driver only" (1) is sufficient.

Click "Yes" to confirm the system message (Fig. 9).

Click "Remove" in the following window (Fig. 10). After successful deletion, close this window by clicking "OK" (Fig. 11).

Remove Driver Package

in.inf (x64)

IP-C (x64)

Delete



Before restarting, save your current work to prevent data loss.

#### 2.3 Uninstalling the IP printer driver (continued)

Close the **"Print Server Properties"** window to finish the uninstallation.



#### 2.4 Creating the printer directory and installing the help files

In the second part of the installation, the printer driver and help files are saved in the "C:\CSPrinter" directory.

Go to the Leica Biosystems website and download the latest driver file **"Leica 64-bit IP Driver"** for the Windows 7 64-bit operating system or **"Leica 32-bit IP Driver"** for the Windows 7 32-bit operating system, or use the corresponding file from the CD accompanying the printed Instructions for Use.



We recommend always checking the Leica Biosystems website to see whether a newer IP printer driver is available (see Chap. 2.4.1).

#### 2. Windows 7 (32-bit and 64-bit)

#### 2.4.1 Downloading the IP printer driver from the Leica Biosystems website

- Open www.LeicaBiosystems.com in your browser and select the "Products" category,
- select "Specimen identification",
- select either "IP C" or "IP S",
- click "Downloads" and scroll down to the item "Software Release Notes",
- select the driver necessary for your operating system from the drivers available,
- right-click the corresponding file and select "Save as...",
- download the file and save it in a suitable folder on the computer's hard drive.

#### 2.5 Installing the printer driver

Start the installation of the printer driver by double-clicking the saved driver software or the corresponding file on the CD (1).



Message for Windows 7 32-bit

#### 2.5 Installing the printer driver (continued)

Click **"Yes"** (Fig. 14, 64-bit) to confirm the security message or **"Run"** (Fig. 15, 32-bit) to carry out the installation.

#### Message for Windows 7 64-bit



Fig. 15

To confirm having the "InstallShield Wizard" perform the installation, click "Next".





#### 2. Windows 7 (32-bit and 64-bit)

#### 2.5 Installing the printer driver (continued)

Confirm installation on drive "C:\" by clicking the "Next" button.





We recommend not altering the installation path!

Click **"Install"** to start the installation.



#### 2.5 Installing the printer driver (continued)

The installation was carried out successfully.

InstallShield Wizard Completed         The InstallShield Wizard has successfully installed Leica 64 bit IP Driver. Click Finish to exit the wizard.

After successful installation of the driver, installation of the printer begins automatically. Continue with the installation as described in the following Chapter 2.6.

The "InstallShield Wizard Completed" message shown in Fig. 19 may sometimes be covered by Fig. 20.



Do not yet close the "InstallShield Wizard Completed" message (Fig. 19). The printer directory was successfully created under "C:\CSPrinter".

#### 2.6 **Printer installation**



Installation step 3 (see Chap. 1.1) cannot be carried out without previous installation of the printer directory.

Installation step 3 starts automatically after the printer directory has been created in installation step 2 (see Chap. 1.1).

The "Add Printer" menu appears. Click "Add a local printer".

🥪 🖶 Add Printer
What type of printer do you want to install?
Add a local printer Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.)
Add a network, wireless or Bluetooth printer Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.
Next Cancel



Select "Use an existing port" (for example, COM3) and confirm your selection by clicking "Next".

🕝 🖶 Add Printer				×
Choose a printer por A printer port is a type of c	rt onnection that allows your con	nputer to exch	ange information with	a printer.
<ul> <li>Use an existing port:</li> <li>Create a new port:</li> <li>Type of port:</li> </ul>	LPT1: (Printer Port) LPT1: (Printer Port) LPT2: (Printer Port) LPT3: (Printer Port) COM1: (Serial Port) COM2: (Serial Port) COM3: (Serial Port) FILE: (Print to File) TPVM: (ThinPrint Print XPSPort: (Local Port)	t Port for VMw	are)	<b>v</b>
			Next	Cancel



The IP-S/IP-C printers have to be installed on a free COM port. A suitable COM port can be found under Control Panel/Device Manager under Ports (COM & LPT1). If an RS-232 port is lacking, a tested Windows 7 USB to RS-232 converter (serial to USB) must be installed. This adapter is not available in the printer's scope of delivery and has to be purchased from a specialist shop.

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Select the printer driver to be installed as follows:

Click "Have Disk..." button in the "Add Printer" window.



NEVER select an IP printer driver via the "Manufacturer/Printers" selection fields, because the outdated versions can also be shown here and selected (for example, Version 2.6.0.2 from 2011-12-12, which is no longer valid!).

Install the printer di	iver			
Choose your pr	inter from the list. Click Wind	ows Update to see r	nore models.	
To install the dr	iver from an installation CD, o	click Have Disk.		
Manufacturer	Printers			*
Canon	Brother DC	P-116C		
Epson	🛱 Brother DC	P-117C		
Fuji Xerox	🔄 Brother DC	P-128C		
Generic	🔤 🖾 Brother DC	P-129C		
C	DD	D 130C		
📺 This driver is digitally	y signed.	Windows Upd	ate <u>H</u> ave D	isk
Tell me why driver si	gning is important			
ter ne my anters	gring is in portant			

In the following window ("Install from Disk"), click "Browse...".



Navigate in Explorer to the "C:\CSPrinter\2V6\Leica\IP.2v6.e" folder to install the 64-bit driver or to the "C:\CSPrinter\2V6\Leica\IP.2v5.e" folder to install the 32-bit driver.

Locate File		day in some		×
Look <u>i</u> n:	🌗 IP.2v6.e		G 🏚 📂 🛄 🗸	
Recent Places	Eccent Items Desktop Network Libraries		Date modified 17.01.2013 08:43 28.03.2012 12:52	Type File folder Setup Infc
Desktop	Admin Second Se	k Drive (Α:) ς (C:)		
Libraries	CSPrinte	ar 2. 2v6.e		
	DVD RW	Drive (D:)		
Computer	Go2PDF Pics setup			
Network	<	III		•
	File <u>n</u> ame:	ip.inf	-	Open
	Files of type:	Setup Information (*.inf)	▼	Cancel



#### 2. Windows 7 (32-bit and 64-bit)

#### 2.6 Printer installation (continued)

Select the "ip.inf" driver file (1) and confirm the selection by clicking "Open" (2).

Locate File			1000	×
Look <u>i</u> n:	퉬 IP.2v6.e		- 🧿 🤌 📂	
(Her	Name	*	Date modif	ied Type
	AMD64		17.01.2013 (	08:43 File folde
Recent Places	ip 👔		28.03.2012	L2:52 Setup Inf
Desktop Libraries Computer	<	m		2
NELWOIK	File <u>n</u> ame:	ip	-	Open
	Files of type:	Setup Information (* in	nf) 👻	Cancel

Click "OK".



Select the IP printer to be installed ("IP-S" or "IP-C") (1) and confirm your selection by clicking "Next" (2).

🚱 🖶 Add Printer	×
Install the printer driver	
Choose your printer from To install the driver from	1 the list. Click Windows Update to see more models. an installation CD, click Have Disk.
Printers IP-C IP-S 1	
This driver is not digitally sig	ned! <u>W</u> indows Update <u>H</u> ave Disk mportant 2
	Next Cancel

Fig. 27

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If multiple IP printers are to be operated on a computer, the respective driver for these printers must also be installed under "Start/Devices and Printers/Add Printer" by selecting (Fig. 4) "Add a local printer" (Fig. 20).

Use the suggested printer name (for example, "IP-C") (1) and confirm the selection with "Next" (2).



The first time an IP printer is installed, the security message shown in Fig. 29 appears.

To start the installation, confirm the Windows security message by clicking **"Install this driver software anyway"**.



After the installation has been successfully completed, the **"Printer Sharing"** dialog appears. Select the **"Do not share printer"** (1) option and confirm your selection by clicking **"Next"** (2).



If the printer is to be shared in a network via an Ethernet adapter, please consult your local IT administrator.

vant to share this printer, you must provide a share name. You can use the suggested name of new one. The share name will be visible to other network users. <b>1</b> tot share this printer e this printer so that others on your network can find and use it ibare name: IP-C	/ou can use the suggested name o iers.	e this printer, you must provide a share nam e share name will be visible to other networ 1 s printer	You can use the suggested name or sers.
ew one. The share name will be visible to other network users.	sers.	e share name will be visible to other networ 1 s printer	sers.
e this printer so that others on your network can find and use it		s printer	
e this printer so that others on your network can find and use it <u>h</u> are name: IP-C		a prince:	
<u>h</u> are name: IP-C	100.1	was that others on your naturals can find a	ura it
	ise it	IP-C	use it
ocation:			
comment:			
2	2		2

Quit the "InstallShield Wizard" (Fig. 19) by clicking "Finish".

Close the "You've successfully added IP-C" message with "Finish" (1).



Select the "Set as the default printer" option (2) only if no other printer is operated on this computer.

#### "Print a test page"

With "Print a test page" (3) you can test whether communication between the computer and printer functions properly.



Due to the size of the printable surface of a specimen slide or a cassette, no printout will be discernible. The test print merely indicates that the connection between printer and computer has been set up correctly.

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I



For installation of the Windows 7 32-bit driver, the corresponding message differs from the one shown here in Fig. 31.

Click "Finish" to complete the installation. Close all applications and restart the computer.

#### 2.7 Version check

Open "Start/Devices and Printers" and select a printer (1) (for example, "IP-C"). Click "Print server properties" (2) in the upper menu bar.

Search Devices and Printers Add a device Add a device Add a printer Search Devices and Printers Add a device Add a device An Orwhore 2000 Fax Fax Print server properties Remove device Print server print s	- • • ×	
Add a device       Add a printer       See what's printing       Print server properties       Remove device         • Devices (4)       2 <ul> <li></li></ul>	and Printers 🔎	🕞 🕫 🖡 Control Panel 🕨 Hardware and Sound 🕨 Devices and Printers 🔹 🗸 🖓 Search Devices and Print
<ul> <li>Devices (4)</li> <li>Cenecic (An-P-Provide Viscource)</li> <li>Whore Viscource Viscource</li> <li>Whore Viscource Viscource</li> <li>Whore Viscource</li> <li>Whore Viscource</li> <li>Whore Viscource</li> <li>Whore Viscource</li> <li>Wiscource</li> <li>Printers and Faxes (4)</li> <li>Fax</li> <li>Fax</li> <li>Fax</li> <li>Use Viscource</li> <li>Wiscource Viscource</li> <li>Wiscource</li> <li>Wiscource<!--</td--><td>E • 🔞</td><td>dd a device Add a printer See what's printing Print server properties Remove device</td></li></ul>	E • 🔞	dd a device Add a printer See what's printing Print server properties Remove device
		Devices (4) Vivere Virtual S SCS Disk Device Virtual S
IP-C Model: IP-C Category: Printer		IP-C Model: IP-C Category: Printer

In the "**Print Server Properties**" menu, select the "**Drivers**" tab (1), select the IP printer just installed (2) and click "**Properties**" (3).



#### 2. Windows 7 (32-bit and 64-bit)

#### 2.7 Version check (continued)

Select the "Dependent File" "csprt.DLL" (1) in the "Driver Properties". Open the file by clicking "Properties" (2).

Driver Properties			
Name:	IP-C		
Version:	Type 3 - User Mode		
Processor:	хб4		
Language monitor:	CSPRT Language Monitor C		
Default data type:			
Driver path:	C:\Windows\system32\spool\DRIVERS\x64\3		
Description	File		
Data File	1 ipc.GPD		
Driver File	UNIDRV.DLL		
Dependent File	csprt.Dll		
Dependent File	csprtImr.dll		
A Dependent File	entine dil		
	2 Properties Close		
		Fig. 34	

#### 2.7 Version check (continued)

In the "csprt.DLL Properties", select the "Details" tab (1). The installed "Product version" of the 64-bit driver must be displayed as Version 2.6.0.3 (2). If the 32-bit driver was installed, the correct "File version" is 2.5.0.3.

	csprt.Dll Propert	ties	
	General Security	Details Previous Versions	
	Property	Value 1	
	Description -	Cassette /Slide Printer I II	
	Туре	Application extension	
	File version Product name	2.6.0.3 Cassette- and Slideprinter	
	Product version Copyright	2, 6, 0, 3 Copyright (C) 2012	
	Size	2,50 KB	
	Language	English (United States)	
	Original filename	CSPRT.DLL	
	Remove Propertie	s and Personal Information	
		OK Cancel Apply	Fin 25
C			ாழ. 50



If Version 2.6.0.3 (64-bit) or 2.5.0.3 (32-bit) is not displayed, the driver has to be uninstalled and reinstalled.

If the corresponding driver was correctly installed, close the **"csprt.DLL Properties"** window by clicking **"OK"**. Close all windows that are still open to return to the desktop.

#### 3.1 Uninstalling the existing IP printer and printer driver



Ensure that no print job is in the buffer of the printer driver and no message is sent from the printer to the computer.

The description in Chapter 3.1 applies only to the new printer driver Versions 2.5 for Windows XP (32-bit).

Under "Start/Settings/Printers and Faxes" or "Start/Printers and Faxes" (1), select the "IP C" or "IP S" printer (2), right-click and click "Delete" (3).



Fig. 36

#### 3.1 Uninstalling the existing IP printer and printer drivers (continued)

Close the "Printers and Faxes" window and restart the computer.



Before restarting, save your current work to prevent data loss.

After restarting, reopen "Start/Settings/Printers and Faxes" or "Start/Printers and Faxes" (1). Via "File", select the "Server Properties" menu item to continue with uninstalling the IP printer driver.





#### 3. Windows XP (32-bit)

#### 3.1 Uninstalling the existing IP printer and printer drivers (continued)

In the "Print Server Properties" menu select the "Drivers" tab (1) and select the printer driver, for example, "IP-C" (2). Delete the driver by clicking "Remove" (3).

💩 Print Server Properties	? 🔀	
Forms Ports Drivers Advanced		
LEICA-A9277A401		
Installed printer drivers:		•
Name Environment Version		/ Z
IP-C Intel Windows 2000 or XP		
9		
3		
Add <u>R</u> emove Replace Prop <u>e</u> rti	es	
	nolu	
	PP0	
F	ig. 38	

Confirm the system message by clicking **"Yes"** and finish the uninstallation.



Close the "Printers and Faxes" window and restart the computer.



Before restarting, save your current work to prevent data loss.

#### 3.2 Creating the printer directory and installing the help files

In the second part of the installation, the printer driver and help files are saved in the "C:\CSPrinter" directory.

Go to the Leica Biosystems website and download the latest driver file **"Leica 32-bit IP Driver"** for the Windows XP 32-bit operating system, or use the corresponding file from the CD accompanying the printed Instructions for Use.



We recommend always checking the Leica Biosystems website to see whether a newer IP printer driver is available (see Chap. 3.2.1).

#### 3.2.1 Downloading the IP printer driver from the Leica Biosystems website

- Open www.LeicaBiosystems.com in your browser and select the "Products" category,
- select "Specimen identification",
- select either "IP C" or "IP S",
- click "Downloads" and scroll down to the item "Software Release Notes",
- select the driver necessary for your operating system from the drivers available,
- right-click the corresponding file and select "Save as...",
- download the file and save it in a suitable folder on the computer's hard drive.

#### 3. Windows XP (32-bit)

#### 3.3 Installing the printer driver

Start the installation of the printer driver by double-clicking the saved driver software or the corresponding file on the CD (1).



Click "Run" to confirm the security warning.

Open File - Security Warning		
The pu run thi	ublisher could not be verified. Are you sure you want to s software?	
Name: leica_32_bit_ip_driver.exe		
	Publisher: Unknown Publisher	
	Type: Application	
	From: E:\32 bit_Version 2.5	
	<u>B</u> un Cancel	
Al <u>w</u> a	ys ask before opening this file	
8	This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u>	

#### 3.3 Installing the printer driver (continued)

To confirm having the "InstallShield Wizard" perform the installation, click "Next".



Confirm installation on drive "C:\" by clicking the "Next" button.





We recommend not altering the installation path!

### 3. Windows XP (32-bit)

#### 3.3 Installing the printer driver (continued)

Click **"Install"** to start the installation.



After successful installation of the driver, installation of the printer begins automatically. Continue with the installation as described in the following Chapter 3.4.

The "InstallShield Wizard Completed" message shown in Fig. 45 may sometimes be covered by Fig. 46.

Fig. 45



Do not yet close the "InstallShield Wizard Completed" message (Fig. 45). The printer directory was successfully created under "C:\CSPrinter".

#### 3.4 Printer installation

When the "InstallShield Wizard Completed" message is displayed, the "Printer Wizard" starts simultaneously. Click "Next".





Do not yet close the "InstallShield Wizard Completed" message (Fig. 46).

The "Local or Network Printer" menu appears. Click "Local printer attached to this computer" (1) and then "Next" (2).



### 3. Windows XP (32-bit)

#### 3.4 Printer installation (continued)

Click **"Use the following port:" (1)** and select, for example, COM3 (2) in the menu on the right. Confirm your selection by clicking **"Next" (3)**.

' (1)	Add Printer Wizard
2) in our	Select a Printer Port Computers communicate with printers through ports.
	Select the port you want your printer to use. If the port is not listed, you can create a new port.
	⊙ Use the following port: LPT1: (Recommended Printer Port)
	Note: Most computers u LPT1: (Recommended Printer Port) Note: Most computers u LPT2: (Printer Port) The connector for this p LPT3: (Printer Port) LPT3: (Printer Port) COM1: (Serial Port) 2
	CUMA: (Serial Port) COM4: (Serial Port) FILE: (Print to File)
	◯ <u>C</u> reate a new port:
	Type of port:
48	< <u>Back</u> Cancel



The IP-S/IP-C printers have to be installed on a free COM port. A suitable COM port can be found under Control Panel/Device Manager under Ports (COM & LPT). If an RS-232 port is lacking, a tested Windows XP USB to RS-232 converter (serial to USB) must be installed. This adapter is not available in the printer's scope of delivery and has to be purchased from a specialist shop.

Select the printer driver to be installed as follows:

Click "Have Disk..." in the "Install Printer Software" window.



In the following window ("Install from Disk"), click "Browse...".



#### 3. Windows XP (32-bit)

#### 3.4 Printer installation (continued)

Navigate in Explorer to the folder "C:\CSPrinter\2v5\Leica\IP.2v5.e" (1), select the driver file "ip.inf" (2) and confirm your selection by clicking "Open" (3).

Locate File	X
Look jr: P:2×5:e My Recent Documents Desktop My Pictures My Pictures My Computer 3 3k Floppy (A:) Cocal Disk (C:) GRTMFFPF_EN (D:) Cocal Disk (C:) Shared Pocuments My Documents My Documents My Network Places	
3	
File name:     ip     Open       Files of type:     Setup Information (".inf)     Cancel	

Click "OK".



Select the IP printer to be installed ("IP-S" or "IP-C") (1) and confirm your selection by clicking "Next" (2).

Add Printer Wizard	
Install Printer Software The manufacturer and model determine whi	ich printer software to use.
Select the manufacturer and model of you disk, click Have Disk. If your printer is no compatible printer software.	ur printer. If your printer came with an installation t listed, consult your printer documentation for
This driver is not digitally signed! <u>Tell me why driver signing is important</u>	Windows Update     Have Disk       2       < Back

Fig. 53

If multiple IP printers are to be operated on a computer, the respective driver for these printers must also be installed under "Start/Settings/Printers and Faxes" using the "Add Printer" button (Fig. 36) and by selecting "Add local printer" (Fig. 47).

#### 3. Windows XP (32-bit)

#### 3.4 Printer installation (continued)

Use the suggested printer name (for example, "IP-C") (1) and confirm the selection with "Next" (2).

$\bullet$

If multiple IP C printers are installed, "IP-C 1" or "IP-C 2", for example, can be entered here.

Add Printer Wizard
Name Your Printer You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
Do you want to use this printer as the default printer?
OYes
⊙ No
2
< Back Next > Cancel



Select the "Set as default printer" option only if no other printer is operated on this computer.

The "Printer Sharing" dialog appears in the next preparation step. Select the "Do not share this printer" option (1) and confirm your selection by clicking "Next" (2).



If the printer is to be shared in a network via an Ethernet adapter, please consult your local IT administrator.

Printer Wizard		
<b>inter Sharing</b> You can share this	printer with other network users.	Ø
If you want to share suggested name or users. O Do not share the O Share name:	e this printer, you must provide a share name. You can use the type a new one. The share name will be visible to other network	
	_ 2	
	< Back Next > Cancel	

#### 3. Windows XP (32-bit)

#### 3.4 Printer installation (continued)

With the **"Print a test page"** function in the last preparation step you can test whether communication between the computer and printer functions properly.

Under "Do you want to print a test page?" select "Yes" or "No" (1) and confirm your selection by clicking "Next" (2).

If you have selected "Yes", a test print is performed after clicking "Next" (2).



Due to the size of the printable surface of a specimen slide or a cassette, no printout will be discernible. The test print merely indicates that the connection between printer and computer has been set up correctly.

Add Printer Wizard
Print Test Page To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
2
< <u>B</u> ack Next> Cancel

After all settings have been configured, click "Finish".

Add Printer Wizard			
	Completing the Add Printer Wizard		
	You have successfully completed the Add Printer Wizard. You specified the following printer settings:		
	Name: Share name: Port:	IP-C <not shared=""> COM3:</not>	
	Model: Default:	IP-C Yes	
	Test page:	No	
	To close this wizard, click Finish.		
< <u>B</u> ack Finish Cancel			

To start the installation, confirm the Windows security message by clicking "Continue installation".



### 3. Windows XP (32-bit)

#### 3.4 Printer installation (continued)

Click **"Finish"** to complete the installation.

Close all applications and restart the computer.



#### 3.5 Version check

Open "Start/Settings/Printers and Faxes" or "Start/Printers and Faxes". Click "File" (1) and "Print server properties" (2) in the upper menu bar.



3.5 Version check (continued)

In the "Print Server Properties" menu, click the "Drivers" tab (1), then select the newly installed IP printer (2) and click "Properties" (3).



Select the "Dependent File" "csprt.DLL" (1) in the "Driver Properties". Open the file by clicking "Properties" (2).

Driver Properties		?×
Name:	IP-C	
Version:	Windows 2000 or XP	
Environment:	Intel	
Language monitor:	CSPRT Language Monitor C	
Default data type:		
Driver path:	E:\WINDOWS\System32\spool\DRIVERS\	W32X
Description	File	~
Dependent File	1 UNIRES.DLL	
Dependent File	STDNAMES.GPD	
Dependent File	csprt.Dii	
Dependent File	csprtme.dl	
Dependencinie	csprcini .cu	
<		>
	2 Properties Close	e

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#### 3. Windows XP (32-bit)

#### 3.5 Version check (continued)

In the "csprt.DLL Properties" menu, click the "Version" tab (1) and select "Product version" (2) in the "Item name" field. 2,5,0,3 (3) must be displayed in the "Value" field.

sprt.Dll Properties ? 🛛
General Version Summary
File version: 2.5.0.3
Description: Cassette/Slide Printer UI
Copyright: Copyright (C) 2012
Other version information
File Version Internal Name Language Original File name Product Version
OK Cancel Apply



If Version 2.5.0.3 is not displayed, the driver has to be uninstalled and reinstalled.

If the corresponding driver was correctly installed, close the **"csprt.DLL Properties"** window by clicking **"OK"**. Close all windows that are still open to return to the desktop.

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