Loftware[®] NiceLabel

Loftware Printer Driver Installation Guide

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1. Installing printer drivers

Use this document to learn how to install, upgrade, uninstall and troubleshoot Loftware printer drivers on your Windows system. This document refers to **Windows 10**, but you can apply similar steps to other supported Windows operating systems.

There are two ways to install Loftware printer drivers. We recommend you to use Loftware **PrnInst** application. You can run **PrnInst** application as a graphical user interface (a wizard) or via the command-line interface. The alternative option is to use the Windows **Add printer or scanner** process.



NOTE

Before starting with printer driver installation, make sure you are logged in as an administrator.

1.1. Installation with PrnInst

Printer Installation Wizard (PrnInst) is a wizard type of application to install Loftware printer drivers on your Windows system.

PrnInst based driver installation is available for printing devices that are connected to a LAN network or any other computer port.

Download your Loftware printer driver from the printer download page and run the downloaded selfextractable .exe file. PrnInst application starts automatically. Follow the below described wizard steps to install the driver.



NOTE

Disable printer mapping when you install your printer driver using the remote desktop connection. To disable printer mapping, open the **Remote Desktop Connection** window and deselect **Printers** option in the **Local Resources** tab.

3	Remote Desktop Connection 🛛 🗖 🗙
S	Remote Desktop Connection
General D Remote au	lisplay Local Resources Programs Experience Advanced udio Configure remote audio settings.
Keyboard	Apply Windows key combinations: Only when using the full screen Example: ALT+TAB
Local devi	ices and resources Choose the devices and resources that you want to use in your remote session. Printers More
Hide Op	tions Connect <u>H</u> elp

1.1.1. Introductory Steps

To complete introductory PrnInst steps:

1. Double click your downloaded driver package .exe file and click the **Unzip** button.

WinZip Self-Extractor -	×
To unzip all files in to the specified folder press the Unzip button.	Unzip
Unzip to folder:	Run WinZip
Printer Drivers\c Browse	Close
✓ Overwrite files without prompting	About
When done unzipping open: PRNINST	Help

2. After your files self-extract, click **OK**.

WinZip Self-Extractor	×
189 file(s) unzipped successfully	
ОК	

- 3. Allow your computer to run the printer install wizard.
- 4. Welcome screen appears. Click **Next**.

Printer Installation Wizard	
Loftware	This wizard will help you install, update or remove printer drivers.
	Version 10.5.5.2 Copyright (c) 2024 Euro Plus d.o.o. All Rights Reserved.
	Exit < Previous Next >

5. Select Install Printer Driver and click Next.

Printer Inst	allation Wizard	
Installa Ple	ation Options ease select one of the driver installation or removal options.	Loftware ⁻
\rightarrow	Install Printer Driver Installs printer driver.	
\rightarrow	Update Printer Drivers No suitable printer driver is already installed.	
\rightarrow	Uninstall Printer Drivers Uninstalls one or more printer drivers.	
\rightarrow	Remove Preloaded Drivers No previously preloaded drivers found.	
	Exit < P	revious Next >

6. Accept the terms of the License agreement and click Next.



7. Select printer port and click **Next**.

Printer Installation Wizard	
Select Port Select port to which the printer is attached.	Loftware ⁻
→ Network Port Ethernet (LAN) or Wireless (WiFi) installation.	
→ USB Port Installation of USB Plug and play device.	
→ Other Installation on Serial (COM) or Parallel (LPT) ports.	
Exit < P	Next >

Steps for the available printer port options are described in dedicated topics:

- Network Port Installation Steps
- Section 1.1.3, "USB Port Installation Steps"
- Section 1.1.4, "Bluetooth Port Installation Steps"
- Section 1.1.5, "Other Port Installation Steps"

NOTE

Check the available ports on your printer before you select the printer port you want to use at installation. Some printer models have only a limited selection of printer ports.

1.1.2. Network Port Installation Steps

After selecting the network port, install one of the printers that are discovered on the network, or install the printer manually.

1.1.2.1. Network port installation using network discovery

Detect Network Printer window opens after starting the network port installation process.

1. Select the detected network printer and click Add.

Printer Installation Wizard	
Detect Network Printer Please select the printer found on the local network.	Loftware ⁻
The listed printers were found on the network. Please select the desire press the Add button. Press Manual button if your printer is not listed.	d printer and
(192, 131) (192, 31) (192, 73) (192, 73)	
	Refresh
Exit < Previous M	anual Add



NOTE

Network ports that are in use are listed at the bottom of the list and grayed out.



NOTE

For printers that identify themselves by their series (and not by the exact model), select from the listed series of printers. This series may include multiple printer models. The selection directs you to the Printer options step.

2. If specific models of the detected printer's vendor are listed, select the appropriate one and click **Next**.

elect Printer Please select the printer that you would like to install.	NiceLabel
Exit	< Previous Next >

- 3. Wizard redirects you to the Printer options step.
- 4. Follow the wizard to install your printer driver.



NOTE

Network discovery is available if the printer model supports bidirectional communication.

1.1.2.2. Manual Network port installation

Detect Network Printer window opens after starting the network port installation process.

1. To start the manual network port printer driver installation, click Manual.

Printer Installation Wizard	
Detect Network Printer	Loftware
Please select the printer found on the local network.	
The listed printers were found on the network. Please select the d press the Add button. Press Manual button if your printer is not list	esired printer and ed.
(192. 131) (192. 31)	
(192. 73)	
	Refresh
Exit < Previous	Manual Add

2. Select your printer model.

Select Printer Please select the printer that you would like to in	nstall.
Andre Den andre	· · · · · · · · · · · · · · · · · · ·
water one for that	
Andres - College - Annel	
weather the second second	
And the local difference of th	
water	
Bandeter - Canada Bange	
	0.0

- 3. In **Select Network Port** window select which network port your printer will connect to.
 - Create a new network port option opens the Add Network Port window.

Create a new network part			
Use an existing port:			
Port	Туре	Configuration	^
LAN_	TCP/IP Advanced Port	192. 3:9100	
LAN_	TCP/IP Advanced Port	192. 3:9100	
LAN_	There is a second of the	192. 7:790	
LAN_	. TCP/IP Advanced Port	192. :9100	
LAN_	TCP/IP Advanced Port	192. ::9100	
LAN_	TCP/IP Advanced Port	192. :9100	
LAN_	TCP/IP Advanced Port	192. :9100	
			\sim

Printer Installation Wizard				
Add Network Port Enter port configuration fo	the desired print	ter.	50	Loftware
Port name:	LAN_My_Netw	ork_printer		
Printer Name or IP Address:				
Port number:	9100			
		Exit	< Previous	Next >

• Port Name: defines the name for the newly created network port.



IMPORTANT

Use the "LAN_" prefix in the **Port Name** to signal the printer driver that this is a bidirectional enabled port. Without the "LAN_" prefix, bidirectional communication stops and disables printer status checking.

Example:

LAN_MyPrinter_300 dpi

- **Printer Name or IP Address**: defines which printer connects to the newly created network port.
- **Port Number**: number of the newly created network port. PrnInst suggests the number automatically.

• Use an existing port: selects an automatically detected network port to connect the printer.

Select Network Port			Loftw	ar
Select the port your printe	er is connected to.			
Create a new network por	t			
Use an existing port:				
Port	Туре	Configura	tion	^
LAN_	TCP/IP Advanced Port	192.1	23:9100	
LAN_	TCP/IP Advanced Port	192.1	23:9100	
LAN_	SATOV6 Advanced P	192.1	37:790	
LAN_	TCP/IP Advanced Port	192.1	3:9100	
LAN_	TCP/IP Advanced Port	192.1	2:9100	
LAN_	TCP/IP Advanced Port	192.1	4:9100	
LAN_	TCP/IP Advanced Port	192.1	3:9100	
				~
Show all ports			Configur	е

- Enable **Show all ports** option to list all available (also non-network) ports.
- · Click Next to proceed to Printer Options step.

1.1.3. USB Port Installation Steps

Start USB printer installation without your printer connected to your computer.

	Printer inst		aru	
Detect USB Printer	t printer connected t	o USB port	- - - - -	Loftware
Automatically detec	a princer connected (0 0 0 D poit.		
Please connect the already connected cable.	printer to USB port and turned on please	and then turn on t e disconnect and	he printer. If printer i then reconnect the	s USB

Connect and turn on your USB printer when the installation wizard prompts you.

When installing a USB printer, PrnInst automatically detects the connected printer using Plug and Play functionality.

- 1. PrnInst takes you to the final stage of the printer driver installation process. The Printer option window opens.
- 2. If the printer driver for the connected printer is already installed, PrnInst offers you to update your driver. Click **Next** to proceed to Printer driver update.

If your driver doesn't recognize your printer's Plug and Play ID, the **Select Printer** window opens.

		and polect the printer that we
		ase select the printer that yo
^		1212.01.01
		ALL
		tion by even
		Contract of the same
		Lange deven
		· · · · · · · · · · · · · · · · · · ·
		Colonial Rep states it
		· Contrast free of Street St.
		Charles and right
1000		CONTRACTOR OF CONTRACTOR

3. Click **Next** after you select your printer model. PrnInst takes you to the final stage of the printer driver installation process. The Printer option window opens.

1.1.4. Bluetooth Port Installation Steps

After selecting the Bluetooth port printer connection option, follow the steps below.

1. PrnInst automatically scans for the available Bluetooth printers. Make sure your printer is turned on and visible.

💇 Add a device	×
Choose a device or printer to add to this PC	
Printer	
Not finding what you're looking for?	
	Next Cancel

Once PrnInst detects your Bluetooth printer, click Next.

- 2. Pair the Bluetooth printer with your computer. To complete the pairing, the passcode on your installation window must match the passcode your printer prints:
 - If the passcodes match, click Yes. This continues the installation.
 - If the passcodes do not match, click No. This restarts the installation. Once the passcodes match, click Yes to continue.
- 3. Select the printer you wish to install. Click Next to proceed to the Printer Options step.

Select Printer Please select the printer that you would	like to install.	ftware
		^
weiter i finnen i finne wir fant		
suggest		
and the solution of a second second		
TANK CARDON STREET		
And Inc. Contract of the second		
PARTY INTERPORT		
And a state of the second second		
A CONTRACT OF A		
THE PARTY PARTY AND A PARTY OF		

1.1.5. Other Port Installation Steps

Other port selection allows you to connect your printer to parallel (LPT), serial (COM), or other ports that are not listed in the initial port selection step. After selecting the **Other** port connection option, follow the steps below.

1. Select your printer model.

Select Printer Please select the printer that you would like to i	install
And a state of the second	^
weather them, they without	
Contract Contract Contract	
Total - Contra - Street	
And I LANS AN AD	
And the second second second	
PROFESSION PROPERTY.	
wanted a second of the	
And Address of the second seco	
	881

2. Define the port for connecting your printer. You can select the existing port or add a new port,

Print	ter Installation Wizard Select Local Port Select the port your printer is c	connected to.	Loftwo	are [.]
[Port	Туре	Configuration	^
	LPT1:	Printer Port		
	LPT2:	Printer Port		
	LPT3:	Printer Port		
	COM1:	Serial Port		
	COM2:	Serial Port		
	COM3:	Serial Port		
	COM4:	Serial Port		
	FILE:	Local Port		
	LAN_EIDOS_XTOXL6ie	Advanced Port Monitor	192.168.148.211:16664	
l	C:\ProoramData\TechSmith\Sna	Local Port		×
		Add	d Port Configure	e in the second s
		Exit	< Previous Ne	xt >

- Add Port... opens Advanced TCP/IP Port Configuration window. Configure and use this port for your network printers.
- **Configure** Change settings to the existing port.
- 3. Click Next to proceed to Printer options.

1.1.6. Printer Options

In the **Printer Options** window, you can set or change your printer identity parameters.

Printer Options Please select printer	options before installation.
Printer <u>n</u> ame:	NiceLabel Printer 300DPI
Driver version:	10.0.0.23373
Port name:	LPT1:
Select language:	English
Location:	John's office
Comment:	Check for the right stock before you print
I want to use this	printer as the Windows default printer

- **Printer name**. You can change the default printer name provided by the driver installation. You can set your custom printer name to make it easily recognizable after the installation.
- Select language. Select the language you prefer during the installation.



NOTE

The actual driver User Interface (UI) language on your computer might be different form the language you selected during the installation. The driver UI language depends on your computer **Language settings**.

- Location: adds information about the physical location of your printer. This way you can locate your
 printer in case there are multiple printers installed on your computer. Location input is just your
 comment and does not affect driver functionality. You can also add or change your Location data in
 Printer Properties > General after you install your driver.
- Comment: adds additional information or comments about your printer. Use this option also to identify your printer in case you have multiple printers installed on your computer. Comment input is just your remark and does not affect driver functionality. You can also add or change your Comment data in Printer Properties > General tab after you install your driver.

Enable I want to use this printer as the Windows default printer to set the current printer as the default system printer.



NOTE

You can change your default printer later in Printers & scanners on your system.

Click Install to initiate the printer driver installation process.

1.1.7. Installation Process

The printer driver installation window appears after you click Install.



The Summary window appears after a successful installation.

Operation completed. Please read the summary below.	Loftware
Installed printers:	
Installation of NiceLabel Printer 300DPI (ver. 10.0.0.23373) on port	LPT1:succeeded.

To get familiar with the installation specifics of your printer, enable the **Open the Printer Installation Guidelines** when the wizard closes. After completing the installation, the **Help** window opens, explaining the necessary steps for successful printing with the newly installed printer. Click **Open printing preferences** to change the default settings of your printer. You can set up your printer also later, in Windows settings, **Printers & scanners** section.

Click **Install another printer** if you wish to continue installing additional printers from the same manufacturer.

1.2. Windows Based Printer Driver Installation



NOTE

Use this method only in special situations, where PrnInst is not acceptable.

You can install your Loftware printer driver using Windows tools. Installation is the same as with other Windows-based printer drivers.

1.2.1. Printer Driver Installation using Windows Tools



NOTE

For this type of installation, your computer must be connected to the internet.

You can install your printer driver using Windows tools:

- Plug and Play. Install your printer driver from Windows Update services.
- · Add a printer or scanner option in the Printers & scanners section in Windows Settings.

Use Windows Installer on computers that are connected to printers using:

- USB port
- Parallel port (LPT)

1.2.1.1. Plug and Play Driver Setup

During this procedure, Windows automatically detects your newly connected printer using a plug-and-play event on USB and LPT ports.

To install your Loftware printer driver:

- 1. Connect your printer to a USB or LPT port on your computer.
- 2. Turn on your printer.
- 3. Your computer automatically locates the driver online and downloads the installation package to your computer. Automatic installation follows immediately.

Your printer is now ready for printing.



NOTE

Automatic printer detection is supported on USB and LPT ports only. Use PrnInst to install your driver on other ports.

The Add a printer detection procedure differs between various operating systems.

The operating system automatically checks Windows Update and installs the driver.

Device Setup	×
Installing device	Please wait while Setup installs necessary files on your system. This may take several minutes.
	Close

The installation procedure differs if the printer driver is available on the Windows Update site or not. See the scenarios in the following two subsections.

1.2.1.2. Your printer driver is available on the Windows Update site

Your printer driver automatically downloads and installs. A system notification message displays when installation is complete. If you click the notification message, the new **Driver Software Installation** dialog displays. Monitor the installation status using this dialog:

Driver Software Installation	subday press of the 1	X
Your device is ready to use		
USB Printing Support	Ready to use Ready to use	
		Close

1.2.1.3. Manual printer driver installation - your printer driver is unavailable on the Windows Update site

If your printer driver is unavailable on the Windows Update site, download the printer driver to your disk. Follow these steps to install your Loftware printer driver using the manual Windows **Add a printer** procedure.

- 1. Connect your printer to your computer.
- 2. Turn on your printer.
- 3. Windows detects your printer.
- 4. Windows Update automatically checks for the printer driver online and fails. Start with manual installation.



NOTE

The manual driver installation varies between various operating systems.

- 5. Open Control Panel and go to Hardware and Sound > Devices and Printers > Device Manager
- 6. Expand node **Other devices**. Your installed printer is listed there.
- 7. Right-click the printer and select **Update Driver Software**.
- 8. At the prompt How do you want to search for driver software? select Browse my computer for driver software.

1.2.1.4. Preinstalling printer drivers

Use driver pre-installation process to:

- Speed up your installation process without the Windows Update process.
- Simplify the USB printer installation in cases when printer drivers are not available on the Windows Update site.

To preinstall your printer driver, use the PrnInst command line options. If your system detects a new device via plug and play event (on USB or parallel port), Windows automatically installs the preinstalled printer driver. It doesn't connect to Windows Update for the driver.

1.2.1.4.1. SYNTAX

PrnInst.exe /PREINSTALL=<**full** path to INF file>

1.2.1.4.2. SAMPLE

PrnInst.exe /PREINSTALL=C:\Drivers\SAMPLE_DRIVER\SAMPLE_DRIVER.inf

2. Removing printer drivers

You can remove your Loftware printer drivers using PrnInst application or with Windows administrative tools.



NOTE

To remove your printer drivers, log in to Windows as a user with sufficient rights.

When removing your printer drivers, make sure that:

- Your printer is not set as a default printer.
- There are no print jobs waiting in the print queue.
- Your printer is not locked by the Windows spooler process.

If you can't delete your printer drivers, perform one of the following actions:

- Restart Windows spooler.
- · Delete print jobs from the Windows spooler.
- Restart your computer.

2.1. Printer drivers removal with PrnInst

2.1.1. Removing one or more printer drivers

- 1. Run PrnInst.exe.
- 2. The welcome screen opens. Click Next.

Printer Installation Wizard	
Loftware	This wizard will help you install, update or remove printer drivers.
- 25	
E. 1	Version 10.5.5.2 Copyright (c) 2024 Euro Plus d.o.o. All Rights Reserved.
	Exit < Previous Next >

3. Select Uninstall Printer Drivers.



4. Select printer drivers you want to remove.

Printer I	nstallation Wizard				
Unir	nstall Printer Driver			🛼 Le	oftware
	Please choose the printer y	ou want to uni	nstall.		
Sele	ct the printers from the list y	vou want to uni	nstall:		
\checkmark	Printer name				~
	CHERTCH				
	Changementance				
	Dolement 2138-02716				
Ľ	Demonstration				
	Dormense (#12223				
	Domme within the				
	Dominic distriction				
	Line meet				
	Line Coething				~
	the state of a state of a sistence of				
Num	iber of selected printers: 1				
	cemove unused ports				
			Exit	< Previous	Next >

Enable **Remove unused ports** to remove your printer port after you uninstall your driver. Uninstalling your driver removes the printer port only if no other printer uses this port.



NOTE

Remove unused ports removes only Loftware Advanced Port Monitor ports. This option does not remove Standard TCP/IP, USB, LPT, and other ports.

5. Click **Next** to finish the removal process and check the summary.

Summary	Loftware
Operation completed. Please read the summary below.	
Uninstalling following printer(s) from the system:	
- NiceLabel Printer 200dpisucceeded.	
- NiceLabel Printer 300dpisucceeded.	
- NiceLabel Printer 600dpisucceeded.	
Deleted printer port(s):	
- LAN Nicel abel Printer 300dni succeeded	
- LAN NiceLabel Printer 600dpisucceeded.	

2.1.2. Removing preloaded printer drivers

You can remove one or more preloaded drivers at the same time.



NOTE

The **Remove Preloaded Drivers** option only removes the driver installation files from the system. To uninstall your drivers, select the option **Uninstall Printer Drivers**.

- 1. Start PrnInst and click Next.
- 2. Select Remove Preloaded Drivers.



3. Click Next.

4. Select printers you want to remove, then click **Next**.

Printer I	nstallation Wizard	
Remove Driver Package Please choose the driver package you want to remove from the system.		
~	Manufacturer	Version
~		0.9.33.21914
		10.0.23373
Inf f	le: C:\WINDOWS\inf\oem14.inf	
		Exit < Previous Next >

2.2. Printer driver removal using Windows Tools



NOTE

Use this method only in special situations, where PrnInst is not acceptable.

You can remove your printer drivers in **Print Management** console.



NOTE

On some Windows systems, **Print Management** console is not enabled by default.

- 1. To open the **Print Management** console, press **Windows** key and type "Print Management".
- 2. Expand **Print Servers** > **Your_computer_name**.
- 3. Click **Printers** node.
- 4. Select the printer and delete it.
- 5. Click **Drivers** node.
- 6. Right-click your driver, then click **Remove Driver Package...**

Your printer driver is now removed from the system.

2.3. Removing drivers from Windows driver store

To completely remove your driver files, first uninstall your printer driver. See section Printer drivers removal. When you remove your printer driver from your computer, this procedure only removes the printer as a device. Driver files still exist on the disk. When you connect your printer next time, Windows installs the stored previously-used printer driver. To verify which drivers are stored in the system, do the following:

- 1. Run Command Prompt as an administrator.
- 2. Enter the command: pnputil.exe -e
- 3. A list of all INF files for installed drivers appears. The files are listed as

```
oem<number>.inf

Published name :
Driver package provider :
Class :
Driver date and version :
Driver name :
D
```

- 4. Search for the right INF file. Check for:
 - Driver package provider.
 - Driver date and version.
- 5. Delete the driver files using the following command: pnputil.exe -f -d oem<number>.inf

Your driver and all the driver files are now removed from the system.

3. Updating printer drivers

You can update your printer drivers with the PrnInst application. the procedure is similar to installing printer drivers using PrnInst.

If you installed several drivers from the same printer driver distribution, the drivers for all these printers will be updated if you update just one driver.

To update your printer driver:

- 1. Run PrnInst.exe.
- 2. The welcome screen opens. Click Next.

Please select the printer that you	ould like to install.
PROPERTY LINE AND DISAN	
Trans	
Andrew Contraction and	
South Constants	
weathy in the log- street	
weekly the set of	
SARD FREAD CONT	

3. Installation Options window opens. Click Update Printer Drivers option.



4. In the **Update Printer Driver** step you can select or deselect all printer drivers. You can't select or deselect only certain drivers.

Updates one or more already installed printer drivers.		Lortwar	
elec rive	ct printer drivers that will be updated. Frs that share files will be updated at sam	e time.	
	Printer name	Installed version	New version
•	NiceLabel Printer 300DPI	10.0.0.23373	10.0.0.23373
•	CONTRACTOR OF A CONTRACTOR OF	411111-0-000-0-0-0-0-0-0-0-0-0-0-0-0-0-0	10.0.23373
v	NAMES OF TAXABLE PARTY OF A DESCRIPTION OF A DESCRIPTIONO	10.0113327	10.0.0.23373
v	REPORT AND ADDRESS OF THE OWNER, THE	10.0113323	10.0.0.23373
v	#####1 - F11100 - 00044 - F0	10.0112222	10.0.0.23373
•	NAMES OF TAXABLE PARTY OF TAXABLE PARTY.	40.013327	10.0.23373
	ALTERNATION TO ALTER ALTER AND	40.0022222	10.0.0.23373

5. Compare the **Installed version** column with the **New version** column for details about the version upgrade. Click **Update**.



NOTE

Grayed-out printers are currently missing and can't be updated.

6. The **Summary** window opens after a successful drivers update.

Summary Operation completed. Please rea	ad the summary below.	Loftware
	•	
Updating following printer(s) from th	ne system:	^
- Update of NiceLabel Printer 300DF	PI from version o	
10.0.0.23373succeeded.		
- Update of	Challes and an interview of the	
10.0.23373		
- Update of	and - dening of the states property i deserve	
10.0.23373		
- Update of	and the second state of th	11 PART 12
10.0.23373		
- Update of	OT HERE STREET & CONTRACTOR	
10.0.23373		
- Update of	tridereditions - Physics Accepts - Avenue	11-2-2-1-1-1-2-
10.0.23373		~
		100

7. Click Exit to close PrnInst.

Your printer drivers are now updated.

3.1. Updating drivers with print jobs in Windows spooler

If print jobs are waiting in the Windows spooler, PrnInst displays a notification:

moved before continuing
anoved before continuing
rint jobs in print spooler. The uninstallation procedure is not possible ished. Please select one of the methods below to continue.
Manual mode
Please wait for jobs to get printed or manualy delete
them from printer spooler. After completing press Next > to continue the process or <u>R</u> efresh to recheck.
○ <u>A</u> utomatic mode
Printer Installation Wizard will delete all jobs that are needed to complete the uninstallation procedure

You can update your driver in:

• **Manual mode**. Manually remove current print jobs from the spooler. To check if the queue is empty and to continue with the driver update, click **Refresh**.

• Automatic mode. PrnInst deletes all print jobs from the spooler and continues with the updating.

To verify that your printer drivers are updated, check the driver version in the **About** tab after the update. If the old version displays, restart Windows to finish the update process.

4. Troubleshooting

4.1. Locked Printer Driver

During the installation, PrnInst checks for applications that could lock the printer driver files and prevent the installation. The installation wizard displays locking applications.



WARNING

You can't install, uninstall or upgrade locked drivers.

To unlock your printer driver:

- · Close the applications that are locking your printer driver.
- Cancel the installation and restart your computer. After restarting, repeat the installation procedure.
- If closing the application window has no effect, use **Task Manager** to end the tasks. See the examples below.
- Continue with the installation. The installation process creates copies of driver files and completes the installation after you restart your computer.

4.1.1. Example: Windows Explorer locks driver

Restart Windows Explorer process in Task Manager > Processes tab. Right-click Windows Explorer process and click Restart.

The driver is locked	by another process	🗖 Loftware
Close applications	locking the driver, and press <retry></retry>	
The driver files are locke	d by the following processes. Please close (all applications to release th
files and press "Retry" to	continue or "Ignore" to force uninstalling d	river.
explorer.exe		

🛛 Task Manager – 🗆 🗙				
File Options View				
Processes Performance App history Startup Users Details Services				
*		2%	38	
Name	Status	CPU	Memo	
Service Host: Local System (14)		0%	26,	
Dervice Host: Local System (Network Restricted) (8)		0%	25,4	
Service Host: Network Service (5)		0%	8,	
Equip Service Host: Remote Procedure Call (2)		0%	5,1	
Services and Controller app		0%	4,3	
💽 System		0,1%	0,	
System interrupts		0,1%	(
tcsvc		0%	2,6	
🕽 Windows Explorer		0,2%	51,9	
📰 Windows Logon Application		0%	0,0	
📰 Windows Session Manager		0%	0,:	
📰 Windows Start-Up Application		0%	0,4	
<			>	
Fewer details		Re	start	

Now you can click **Retry** in your driver installation window. Installation should be complete.

4.2. Possible printer driver update issues

When you install a new driver, the installer also updates all other drivers from the same printer brand. The following issues prevent the installation of your new driver:

- Another application locked your printer driver. See the topic about locked printer drivers to resolve the issue.
- There are print jobs in the spooler waiting to be printed. Wait for the print jobs to be printed or delete print jobs from the Windows spooler.

Restarting your computer resolves most of the issues. After the restart, try again with the installation process. We recommend using PrnInst installation utility. These are the advantages of PrnInst method of installation:

- PrnInst informs you about possible issues.
- PrnInst helps you resolving problems, which might occur the driver update.

To verify that your printer drivers are updated, check the driver version in the **About** tab after the update. If the old version displays, restart Windows to finish the update process.

5. Appendix A: Installing printer drivers on Windows server and client machines

Use this topic to learn how to install, upgrade, and downgrade shared Loftware printer drivers on your servers and clients. This document refers to the server OS **Windows Server 2016**, and the client OS **Windows 10**, but you can apply similar steps to other supported Windows operating systems.



NOTE

We recommend local printer driver installations, but shared printer drivers are the preferred option in some complex environments.

When upgrading, local Loftware driver installations upgrade all the files and all the printers from the same printer manufacturer, while shared printer drivers do not.

Installing your printer drivers with other methods can cause problems. Your printer spooler may freeze or crash, or you may face compatibility issues when you install drivers on 32-bit clients.

5.1. Installing drivers on servers

This topic explains how to install Loftware drivers on Windows Server 2016.

1. Download the latest Loftware driver and run the .exe file to unzip and start your **PrnInst** application.

Printer Installation Wizard		
Installing Printer Driver	ling the printer driver	Loftware
Printer installation wizard is insta	ing the printer driver.	
Copying driver files to the system	1	
ool/drivers/x64/(ab5ddb2d-305	1-42e0-0672-e215e90fdee5}\NL_	ali
	Easily design and print barcode labels	
ET CONTRACTOR		
	Get your nee that	
		Cancel

 On your server, go to Printer Properties > Sharing and select Share this printer. Then click Additional Drivers... to share your newly installed printer.



3. If you use a 32-bit client, select **x86** to enable the 32-bit version of your driver.

Iditional Driv	rers	
ou can instal ownload the	l additional drivers so that users on m automatically when they connec	the following system ct.
Processor	Туре	Installed
✓ x64	Type 3 - User Mode	Yes
x86	Type 3 - User Mode	No

5.2. Adding printers on client computers

This topic explains how to add printers (register shared Loftware drivers) on 32-bit or 64-bit Windows 10 clients. Your printer drivers should already be installed on your server.

- 1. In your client file explorer, connect to the server where you installed your printer drivers. (\\your_server\)
- 2. Double-click the printer you want to add.

	> Network	↔ HLK_W2016 ✓ O Search HLK_W2016		
 ✓ Quick access Desktop ✓ Downloads ☑ Documents 	* * *	ZEBRA ZT410-203dpi ZPL		
 Pictures Music Videos OneDrive This PC Network 	*	Windows Printer Installation X Connecting to ZEBRA ZT410-203dpi ZPL on HLK_W2016 Looking for a driver		
		Cancel		

3. Repeat this process to add additional printers.

5.3. Upgrading drivers on servers

This topic describes how to upgrade both 64-bit and 32-bit drivers on your servers.

1. Download the latest Loftware driver and run the .exe file to unzip and start your **PrnInst** application.



NOTE

PrnInst does not upgrade your 32-bit drivers. After this step, 32-bit drivers remain on your servers unchanged.

2. First, remove your 32-bit drivers. In **Print Management**, go to **Drivers**, right-click the driver you want to upgrade, and click **Remove Driver Package...**

 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii						- □	×
Print Management	Driver Name	Environment	Driver Version	Driver Date	Provider	Actions	
All Printers (3)	Microsoft enhanced Point and Microsoft enhanced Point and Microsoft enhanced Point and Microsoft Print To PDF	Windows X04 Windows NT x86 Windows x64	10.0.14393.4169 10.0.14393.4169 10.0.14393.0	6/21/2006 6/21/2006 6/21/2006	Microsoft Microsoft Microsoft	More Actions	+
 Printers Not Ready Printers With Jobs 	Microsoft XPS Document Write	Windows x64	10.0.14393.0	6/21/2006	Microsoft	ZEBRA ZT410-203	. 🔺
✓ ■ Print Servers	# ZEBRA ZT410-203dpi ZPL	Windows x64	8.5.0.20957	11/8/2020	NiceLabel	More Actions	•
HLK_W2016 (local)	EBRA Z 1410-203dpi ZPL	Remove Driver Pack	age	11/8/2020	NiceLabel		
> Ports	5	Set Driver Isolation Properties	>				
Printers Deployed Printers	[Delete					
	1	Help					

In **Printer Properties > Sharing > Additional Drivers...** select **x86** to enable the 32-bit version of your driver and show the new driver location.

dditional Driv	rers	
'ou can instal Iownload the	l additional drivers so that users on m automatically when they connec	the following systems of: t.
Processor	Туре	Installed
🗸 хб4	Type 3 - User Mode	Yes
✓ x86	Type 3 - User Mode	No



WARNING

It is also possible to upgrade from **Drivers and Printers** > **Printer properties** > **Drivers** with the **Add Printer Driver Wizard**. But we don't recommend this procedure because it may cause problems with mismatched driver files and lead to print spooler crashes.



After you upgrade your 64-bit and 32-bit drivers, verify the file creation dates. Your 32-bit and 64-bit versions should have the same timestamp.

Compare the following files:

- "C:\Windows\System32\spool\drivers\W32X86\3\" for 32-bit.
- "C:\Windows\System32\spool\drivers\x64\3\" for 64-bit.

I 🛃 📮 I3	Share	32bi View	t client	-	• • • •	< 7	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	64bit	server		- 0	~
· → • ↑ 🗖	« driv	vers > w32x86 > 3 > v	Ö 🔎 Search 3			1	← → ~ ↑ <mark> </mark> « W	/indows > System32 > spool > drivers > xt	4 > 3 >	Ö Search 3		۶
📌 Quick access		Name ^	Date modified	Type File folder	Size	^	A Quick access	Name ^	Date modified 9/12/2016 1:22 PM	Type File folder	Size	
🔜 Desktop 🕹 Downloads	*	mui	9/22/2020 10:35 PM 10/19/2020 5:57 AM	File folder			Desktop 🖈	EplErr.sme	9/12/2016 1:22 PM 9/19/2018 3:23 PM	File folder SME File	1 K	KB
Documents	*	EplEr.sme	9/19/2018 3:23 PM	SME File	1 KB		 Documents # Pictures # 	LOCALE.GPD	7/16/2016 3:18 PM 7/16/2016 3:18 PM	GPD File GPD File	14 K	(B)
Music	1	FXSDRV.DLL	9/22/2020 10:28 PM 9/22/2020 10:28 PM	Application exten	224 KB 25 KB		This PC	MSXPSINC.PPD	7/16/2016 3:18 PM 10/29/2020 5:01 AM	PPD File Application extens	1 K 880 K	(B (B
Videos OneDrive		FXSRESJULL	9/22/2020 10:28 PM	Application exten	391 KB		Desktop	NL_Zebra_ZT410-203dpi_ZPL.dat	11/8/2020 3:52 AM 11/8/2020 3:55 AM	DAT File Application extens	152 K 2,621 K	(B (B
This PC		FXSWZRD.DLL	9/22/2020 10:28 PM	Application exten	115 KB		Downloads Music	NL_ZebraLM.dll	11/8/2020 3:53 AM 11/8/2020 3:55 AM	Application extens Application extens	923 k 2.313 k	(B (B
Network		MSXPSINC.GPD	12/7/2019 7:06 AM	GPD File	14 KB		Pictures	NL_Zebraui.res.dll	11/8/2020 3:55 AM	Application extens GPD File	2,976 K	(B
		MXDWDRV.DLL	1/14/2021 8:45 AM	Application exten	984 KB		Local Disk (C:)	P6FONT.GPD	7/16/2016 3:18 PM	GPD File	4 K 283 k	(B)
		NL_Zebra_ZT410-203dpi_ZPL.dat	11/8/2020 3:52 AM 11/8/2020 3:54 AM	DAT File Application exten	152 КВ 2,205 КВ		i Network	PCL5ERES.DLL	7/16/2016 3:18 PM	Application extens	1,011 K	(B)
		NL_Zebraui.dll	11/8/2020 3:54 AM 11/8/2020 3:54 AM	Application exten Application exten	1,933 KB 2,965 KB			PCLIDRES.DLL	7/16/2016 3:18 PM	Application extens	201 k	(B
		P6DISP.GPD P6FONT.GPD	12/7/2019 7:06 AM 12/7/2019 7:06 AM	GPD File GPD File	25 KB 4 KB			PILGPD	7/16/2016 3:18 PM 7/16/2016 3:18 PM	GPD File GPD File	11 K 2 K	(B)
tems State: 🎎	Shared	PCL4RES.DLL	12/7/2019 7:06 AM	Application exten	282 KB	~	44 items	PILMON.DLL	10/29/2020 5:10 AM	Application extens	23 K	.B

Corresponding .dat files in both folders must be the same.

Corresponding .*dll* files must have the same timestamp but should have different versions. You can check the versions by comparing the file sizes.

5.4. Upgrading drivers on clients

In your client's file explorer, go to your shared printer location on your server. Double-click the printer to upgrade your local drivers (both 64-bit and 32-bit).



le Home Share	View				~
→ 👻 🛧 📙 « dr	ivers > w32x86 > 3 > 🗸 🗸 🗸	ō			
10:1	Name		Date modified	Туре	Size
Quick access	en-US		12/7/2019 7:42 AM	File folder	
📃 Desktop 🛛 🖈	mui		9/22/2020 10:35 PM	File folder	
🕹 Downloads 🛛 🖈	Old		3/30/2021 10:01 AM	File folder	
🗄 Documents 🛛 🖈	temp		10/19/2020 5:57 AM	File folder	
Pictures 💉	EplErr.sme		9/19/2018 3:23 PM	SME File	1 KB
Music	KISAPI.DLL		9/22/2020 10:28 PM	Application exten	224 KB
Videos	STATES FXSDRV.DLL		9/22/2020 10:28 PM	Application exten	25 KB
	STATES.DLL		9/22/2020 10:28 PM	Application exten	6,851 KB
OneDrive	STIFF.DLL		9/22/2020 10:28 PM	Application exten	391 KB
This PC	STATION FXSUI.DLL		9/22/2020 10:28 PM	Application exten	118 KB
	FXSWZRD.DLL		9/22/2020 10:28 PM	Application exten	115 KB
Network	LOCALE.GPD		12/7/2019 7:06 AM	GPD File	14 KB
	MSXPSINC.GPD		12/7/2019 7:06 AM	GPD File	1 KB
	MSXPSINC.PPD		12/7/2019 7:06 AM	PPD File	1 KB
	MXDWDRV.DLL		1/14/2021 8:45 AM	Application exten	984 KB
	NL_Zebra_ZT410-203dpi_ZPL.dat		1/15/2021 7:39 AM	DAT File	153 KB
	NL_Zebradrv.dll		1/15/2021 7:41 AM	Application exten	2,209 KB
	NL_Zebraui.dll		1/15/2021 7:41 AM	Application exten	1,934 KB
	NL_Zebraui.res.dll		1/15/2021 7:41 AM	Application exten	2,966 KB
	P6DISP.GPD		12/7/2019 7:06 AM	GPD File	25 KB
	P6FONT.GPD		12/7/2019 7:06 AM	GPD File	4 KB

5.5. Changing Printing Defaults settings

If you change **Printing Defaults** settings on your server, your changes also apply to clients when you register drivers on your clients.



Changing Printer Defaults on your server.



NOTE

When you import driver settings (on your server, choose the **Import driver settings for all users** option.



5.6. Downgrading drivers

On rare occasions (for example, if the latest driver version has a bug), you may want to downgrade your newly installed driver on your servers and clients.

The downgrade and upgrade procedures differ because Windows doesn't automatically change driver versions during downgrades. Before you install an older version, remove your currently installed driver.

On the server

- 1. Run Prninst with the downgraded version.
- 2. Manually remove your currently installed 32-bit driver. In **Print Management**, go to **Drivers**, rightclick the driver you want to downgrade, and click **Remove Driver Package...**.

Print Management File Action View Help ← ➡ 2 □ □ □ □ □						- 0	×
ዀ Print Management	Driver Name	Environment	Driver Version	Driver Isolation	Provider	Actions	
> 📝 Custom Filters	Bicrosoft enhanced Point and	Windows x64	10.0.14393.4169	None	Microsoft	Drivers	
 Print Servers HLK_W2016 (local) 	Microsoft enhanced Point and	Windows NT x86 Windows x64	10.0.14393.4169 10.0.14393.0	None None	Microsoft Microsoft	More Actions	ł
# Drivers	# Microsoft XPS Document Write	Windows x64	10.0.14393.0	None	Microsoft	ZEBRA ZT230-200dpi ZPL	
> Ports	ZEBRA ZT230-200dpi ZPL	Windows x64	8.2.4.19404	None	NiceLabel	More Actions	•
Printers	ZEBRA ZT230-200dpi ZPL	Windows NT x86	8.2.4.19404	Deres Ditro De	-		
> 📑 Deployed Printers	🐮 ZEBRA ZT410-300dpi ZPL 😹 ZEBRA ZT410-300dpi ZPL	Windows x64 Windows NT x86	8.2.4.19404 8.2.4.19404	Set Driver Isolatio	n >		
				Delete			
				Help			

3. Add 32-bit driver with the older version.

On the client

 Go to Device Manager > Print queues and uninstall all printers using the driver you want to downgrade.



2. In **Print Management**, go to **Drivers**, right-click the driver you want to downgrade, and click **Remove Driver Package...**.

	K_W2016				-	×
ile Home	Share View					~ (
· → • ↑ 💻	> Network > HLK_W2016	~	Q 5	Search HLK_W2016		
Quick access	ZEBRA ZT410	0-203dpi ZPL				
E Desktop	*					
🖊 Downloads	*	N				
Documents	*					
Pictures	*					
👌 Music						
Videos						
📤 OneDrive						
This DC						
- mis PC						

3. In the client's file explorer go to your shared printer location on your server. Double-click the printer.

▼\\HLK_W2016*.*				* 🔻	
↑ Name	Ext	Size	Date	Attr	↑ Name
倉[]		<dir></dir>			FXSWZRD
ZEBRA ZT410-300dp	oi ZPL				Gothic
					📑 Korean
					IdaNLMNT
					ldaPMS
					daPMU
					LOCALE
	1				Mincho

The driver on your client is now installed with the older version.

5.7. Troubleshooting (removing drivers from servers)

Driver installation on your server may go wrong due to a system failure, damaged installation file, or other reasons. When you try to print, your driver or spooler may crash.

To resolve such problems, remove your driver from the system and perform a clean install.

You can remove your driver in two ways:

 On your server, go to Control panel > Hardware > Devices and Printers. Right-click the driver, then click Remove device.

The Devices and Pri	inters					- 0	×
← → • ↑	📸 > Control Pane	l > Hardware > De	vices and Print	ters	✓ Ö Searc	h Devices and Printers	م
Add a device	Add a printer	See what's printing	Print server	properties	Remove device	-	?
Generic Non-Pn Monitor	P HLK_W2016	VMware Virtual disk SCSI Disk Device					^
✓ Printers (4) —				1			
				See wha	at's printing		
Microsoft Drint to	o Microsoft XDS	ZERRA	ZERRA	Set as de	fault printer		
PDF	Document Write	r ZD500R-203dpi	ZT410-30	Printing	preferences		
	2)	ZPL	ZPL	Printer p	roperties		
✓ Unspecified (2)			Create sł	hortcut		
				Remove	device		
				Troubles	hoot		
				Propertie	es		
Intel(R) 82574L Gigabit Network Connection	SAS Controller						~
	BRA ZT410-300dp	i ZPL State: 28 Model: ZEB Category: Prin	Shared RA ZT410-3000 ter	Status: Jpi	0 document(s) in queue		

- In Print Management on your server:
 - 1. Go to **Printers**, right-click your printer, and click **Delete**.

🕞 Print Management						- 0	Х
File Action View Help							
						<u></u>	
Print Management	Printer Name	Queue Status	Jobs In	Server Name	Driver Name	Actions	
> Z Custom Filters	Microsoft Print to PDF	Ready	0	HLK_W2016 (lo	Microsoft Print To PDF	Printers	*
HLK_W2016 (local)	Microsoft XPS Document Writer	Ready	0	HLK_W2016 (lo	Microsoft XPS Document Writer	More Actions	Þ
Drivers Drivers Ports Printers	Open Prir	iter Queue	<u>^</u>	(Io	ZEBRA ZD500R-203dpi ZPL	ZEBRA ZD500R-203dpi ZPL	
	Pause Prin	nting				More Actions	•
	List in Dir	ectory					
> 📑 Deployed Printers	Deploy w	th Group Policy					
	Set Printin	ng Defaults					
	Manage S	Manage Sharing Print Test Page Enable Branch Office Direct Printing					
	Print Test						
	Enable Br						
	Propertie	S					
	Delete	\leftarrow					
	Rename						
	Help						

2. Go to **Drivers**, select both 32-bit and 64-bit drivers, right-click, and click **Remove Driver Package...**.

🕞 Print Management File Action View Help						e - e	ð X
🗢 🌩 🖄 📰 🗙 🗟 🛛							
🕞 Print Management	Driver Name	Environment	Driver Version	Driver Isolation	Provider	Actions	
 > 2 Custom Filters > Print Servers → HLK W2016 (Incal) → Proms > → Proms > → Pronts → Printers > → Deployed Printers 	Microsoft enhanced Point and	Windows x64 Windows NT x86 Windows x64 Windows x64	10.0.14393.4169 10.0.14393.4169 10.0.14393.0 10.0.14393.0	None None None	Microsoft Microsoft Microsoft Microsoft	Drivers	
						More Actions	•
						Selected Items	
	ZEBRA ZD500R-203dpi ZPL	Windows x64	8.2.4.19404	Remove Driver Pac	kage	More Actions	۲
		WINDOWS IVE XOU	0.2.4.19404	Set Driver Isolation	>		
				Delete			
				Help			

After you remove your driver from your server, delete the remaining **Loftware driver files** in the folders:

- .dll files for 32-bit drivers: "C:\Windows\System32\spool\drivers\W32X86\3\"
- .dll files for 64-bit drivers: "C:\Windows\System32\spool\drivers\x64\3\"
- .dat files: "C:\Loftware Printer Drivers\<printer_brand>\Common\"



WARNING

Only delete Loftware files for the driver you want to remove. If you are not sure which Loftware files to delete, check the content of the installation package to find the *.dll* and *.dat* files you should delete in the folders mentioned above. The default location of the installation packages is "C:*Loftware Printer Drivers*"

6. Appendix B: PrnInst command line parameters for installing and removing printer drivers

You can install your printer drivers with PrnInst using Command prompt (CMD). With Command Line parameters you can also access the installation options that are not available with PrnInst wizard.

INSTPRN – Printer driver installation

Use this parameter to install a printer driver. Specify the printer name and the port that the printer uses. The specified printer name must match the actual name of your printer. To find out the correct name of your printer, see the <printer_brand> .INF file. It contains a list of all available printer names. Search for the .INF file in the folder, where you stored the printer driver installation files.

Syntax:

```
/INSTPRN=<driver name>#<port name>[#[<printer name>][#[<location>]
[#[<comment>]]]]
```

```
<driver name> - full printer driver name
```

```
<port name> - port name
```



IMPORTANT

Use the "LAN_" prefix in the **Port Name** to enable bidirectional communication between your printer and the driver. Without the "LAN_" prefix, printer status checking is disabled

LAN_MyPrinter_300 dpi

LAN_SatoPrinter_300 dpi

<printer name> - printer name

<location> - printer location (optional)

<comment> - information for users (optional)

Samples:

PrnInst.exe /INSTPRN=PrinterDriver#LPT1:

PrnInst.exe /INSTPRN=PrinterDriver#LPT1:#MyPrinterName#MyLocation#MyComment

PrnInst.exe /INSTPRN=PrinterDriver#LPT1:###CommentOnly

INSTMULTPRN – Installation of multiple Printers

Use this parameter to install drivers for multiple printers simultaneously. Specify the printer name and the printer port. The printer name must match the actual name of the printer.

To find out the correct name of the printer, see the Printer Driver Installation List <printer_brand>.INF file. It contains a list of all available printer names. Search for the .INF file in the folder, where you stored the printer driver installation files.

Syntax:

/INSTMULTPRN=<INF file data>

```
<INF file data> - <full file path of the Printer Driver Installation List
file>#<full printer driver name>#<port name>#(optional)<printer destination
name>
```

Sample for INF file where you install 4 printer drivers: Printer1 (linked to port LPT1), Printer2 (linked to port LPT2), and Printer3 (linked to port LPT3).

```
PrnInst.exe /
INSTMULTPRN=C:\Drivers\PRINTER1\#Printer1#LPT1:##Office1#DefaultPrinterInOffice
1
PrnInst.exe /
INSTMULTPRN=C:\Drivers\PRINTER2\#Printer2#LPT2:#ColorPrinter#Office2
PrnInst.exe /INSTMULTPRN=C:\Drivers\PRINTER3\#Printer3#LPT3:#BWPrinter#Office2
```



NOTE

The last printer entry in the .INF file must be terminated with a newline (<**Enter**>), so the last line in the file is an empty line.

LANG – Setting the PrnInst language

Use this parameter to define the language in the Printer Installation Wizard. By default, PrnInst always uses the default Windows operating system language. The default language is defined in **Control Panel** > **Regional and Language Options**.

Use this parameter to specify other languages for the Printer Installation Wizard.



NOTE

If you omit this parameter, PrnInst uses the default language.

Syntax:

/LANG=<lang>

<lang> - language ID

Language	Language ID
Chinese – Simplified	SCH
Chinese – Traditional	CHI
Danish	DAN
Dutch	DUT
English	ENG
Finnish	FIN
French	FRA
German	GER
Hungarian	HUN
Italian	ITA
Japanese	JAP
Korean	KOR
Polish	POL
Portuguese	PBR
Russian	RUS
Slovenian	SLO
Spanish	ESP
Swedish	SWE
Thai	TAI
Turkish	TUR

Sample:

PrnInst.exe /LANG=GER

UNINSTALLPRN - Uninstall a specific printer

Use this parameter to remove a specific printer driver from your system.



NOTE

Provide the exact printer name (as installed). To be sure, copy the printer name from **Control Panel > Printers & Scanners**.

Syntax:

/UNINSTALLPRN=<printer name> [/REMOVEPORT=CURRENT|ALL]

```
<printer name> - the name of the printer you wish to uninstall
CURRENT - Removes your printer port after you uninstall your driver.
ALL - Removes all unused printer ports.
```

The /REMOVEPORT option only removes Loftware Advanced Port Monitor ports. This option doesn't remove Standard TCP/IP, USB, LPT, or other ports.

Samples:

PrnInst.exe /UNINSTALLPRN=Loftware Printer

PrnInst.exe /UNINSTALLPRN=Loftware Printer /REMOVEPORT=CURRENT

UNINSTALLALL – Uninstall all printers

Use this parameter to remove all Loftware printer drivers from your system.

Syntax:

/UNINSTALLALL [/REMOVEPORT=CURRENT|ALL]

Samples:

```
PrnInst.exe /UNINSTALLALL
```

```
PrnInst.exe /UNINSTALLALL /REMOVEPORT=ALL
```

NOLICENCE - No license display

Use this parameter to start PrnInst in a mode where no Loftware printer driver license and warranty information displays during the installation.

Syntax:

/NOLICENCE

Sample:

PrnInst.exe /NOLICENCE

DIR – Change start browsing path

Use this parameter to specify the location of your Loftware drivers. PrnInst uses this path to browse for the printer drivers. The default location is the folder where PrnInst starts.



NOTE

DIR must always be the first parameter in the command line.

Syntax:

```
/DIR=<INF file location>
```

<INF file location> - full path from which to start searching for .INF files

Sample:

```
PrnInst.exe /DIR=C:\Drivers\
```

PREINSTALL – Preinstall driver package

Use this parameter to preinstall the printer driver. Windows automatically finds the driver when the user connects the printer.

Syntax:

/PREINSTALL=<INF file location>

<INF file location> - full path pointing to the .inf file

Sample:

PrnInst.exe /PREINSTALL=C:\Drivers\SAMPLE_DRIVER\SAMPLE_DRIVER.inf

UNINSTALLPACKAGE – Uninstall driver package

Use this parameter to uninstall the printer driver package. Windows can't automatically find the driver of your printer if it was removed from Windows Driver Storage.

Syntax:

/UNINSTALLPACKAGE=<INF file location>

<INF file location> - full path pointing to the .inf file

Sample:

PrnInst.exe /UNINSTALLPACKAGE=C:\Drivers\SAMPLE_DRIVER\SAMPLE_DRIVER.inf

INSTALLPORTMON – Silent installation of Advanced Port Monitor

Use this parameter to silently install Advanced Port Monitor from the printer driver distribution. When using this command, do not use any other commands from the command line list.



NOTE

This command doesn't install the printer driver.

Syntax:

/INSTALLPORTMON /name=aaaaa [/type=bbbbb] [/monitor=ccccc] [/inf=ddddd] []

Network port type

/ip=eeeee [/port=ffff]

Serial port type

/port=ggggg [/baudRate=hhhhh] [/dataBits-iiiii] [/parity=jjjjj]

[/stopBits=kkkkk] [/flowControl=llll]]

Parallel port type

/port=mmmmmm [/reception=nnnnn] [/receptionInterval=00000]

[/transmission=pppp]]

Specific port types

[/download=rrrrr] [/printingTimeout=qqqqq] [/downloadTimeout=sssss]

aaaaa - port name that will be displayed in port list

bbbbb - type of port **<LAN**, LPT, COM**>**. Parameter is omissible, depending on Port Monitor.

ccccc - name of the Port Monitor being installed. Port monitor name can be found in information installation (.inf) file. Omissible if there is only 1 port monitor.

ddddd - folder location of the information installation file containing Port Monitor. Search for installation information files is subfolder recursive. Omissible if there is only one information file in Printer Installation Wizard folder (or subfolders).

LAN Port

eeeee - ip address of printer on the network.

fffff - printer s network port number. Parameter is omissible, depending on Port Monitor.

COM Port

ggggg - systems COM port number (example for COM3: value is 3)

hhhhh - baud rate of serial port in bits per seconds (valid values: 100, 300, 600, 1200, 2400, 4800, 9600, 14400, 19200, 38400, 57600, 115200, 128000, 256000) iiiiii - data bits parameter for serial port. (Valid values: 5, 6, 7, 8) jjjjj - parity parameter for serial communication. (Valid values: none, odd, even, mark, space) kkkkk - stop bits parameter. (Valid values: 1, 1.5, 2) 11111 - flow control parameter (Valid values: xonxoff, hardware, none) LPT Port mmmmmm - systems LPT port number (example for LPT1: value is 1) nnnnn - reception timeout for LPT port when download function is enabled. Parameter is omissible. Default value is 500ms. 00000 - reception interval for LPT port when download function is enabled. Parameter is omissible. Default value is 200ms. ppppp - transmission for LPT port when download function is enabled. Parameter is omissible. Default value is 3000ms. Specific Ports rrrrr - enabled port specifics for downloading to printer. Omissible, default values is disabled. (Valid values: 0 - disabled, 1 - enabled) qqqqq - printing timeout value in milliseconds for port specific communication. Omissible, default values is 50ms. sssss - download timeout value in milliseconds for port specific communication. Omissible, default values is 7000ms. Samples:

PrnInst.exe /INSTALLPORTMON "-monitor=Advanced Port Monitor" /name=MyNewPort /
ip=192.168.1.5 /port=9100

PrnInst.exe /INSTALLPORTMON -inf=c:\temp\driver\ "/monitor=Advanced Port Monitor" /name=NewLanPort /ip=192.100.021.005 /port=9100

PrnInst.exe /INSTALLPORTMON /inf=c:\temp\driver\ "/monitor=Specific Port Monitor" /ip=192.100.1.1 /type=LAN

PrnInst.exe /INSTALLPORTMON "/monitor=Specific
Port Monitor" /name=MySerialPort /type=COM /port=3 /baudRate=128000 /
dataBits=8 /Parity=Even /flowControl=none /StopBits=2

PrnInst.exe /INSTALLPORTMON "/monitor=Specific
Port Monitor" /name=MySerialPort2 /type=COM /port=1 /baudRate=19200 /
dataBits=8 /Parity=none /flowControl=Hardware /StopBits=1.5

PrnInst.exe /INSTALLPORTMON "/monitor=Specific Port Monitor" /
name=MyParallelPort /type=LPT /port=3