



**Installation and configuration of a printer connected to the network**

**Family**

cab devices

Labelling Software cablabel S3

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## 1 Introduction

Important information and instructions in this documentation are designated as follows:



### **Warning!**

Indicates a hazardous situation that could lead to injuries or material damage.



### **Attention!**

Draws attention to possible dangers, material damage or loss of quality.



### **Notice!**

Gives you tips. They make a working sequence easier or draw attention to important working processes.

- ▶ Handling instruction.
- ▷ Reference to section, position, illustration number or document.
- \* Option (accessories, devices, special fittings).

Hour Information in the display.

**Step 1:** Connect the cab printer to the network with a **not provided Ethernet cable** or if appropriate by **Wi-Fi**.



Figure 1 RJ45 Ethernet cable



Figure 2 Wi-Fi interface

### Attention!

For the assignment or reservation of an IP address, please contact your system administrator.

**Step 2:** Restart first the printer, then search in the « **Short status** » menu, the information about the **IPv4 address** corresponding to your used connection type.

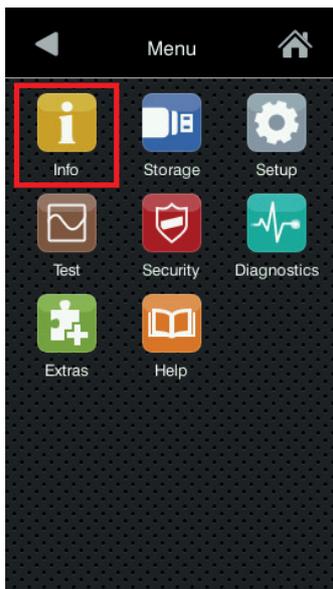


Figure 3 Printer menu



Figure 4 Short status information

**Step 3:** To be sure that the printer is accessible from the computer where it will be used, you can **do « ping »** on its IP address with the command prompt « **cmd** ».

```

Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\cab>ping 192.168.16.116

Pinging 192.168.16.116 with 32 bytes of data:
Reply from 192.168.16.116: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.16.116:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\cab>

```

Figure 5 Command Prompt



### Notice!

If the printer is not reachable, please contact your system administrator.

**Step 1:** First, install or update your **cablabel S3** version.

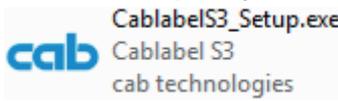


Figure 6 Installation file



#### Attention!

To use a cab printer from the network with cablabel S3, it is not necessary to install the Windows driver, except for the non native devices MACH1 and MACH2.

If you are in this case, go directly to the next chapter.

**Step 2:** Start cablabel S3, after that add a new device corresponding to your model, then select the « TCP » port type and fill in the IP address previously collected on the printer.

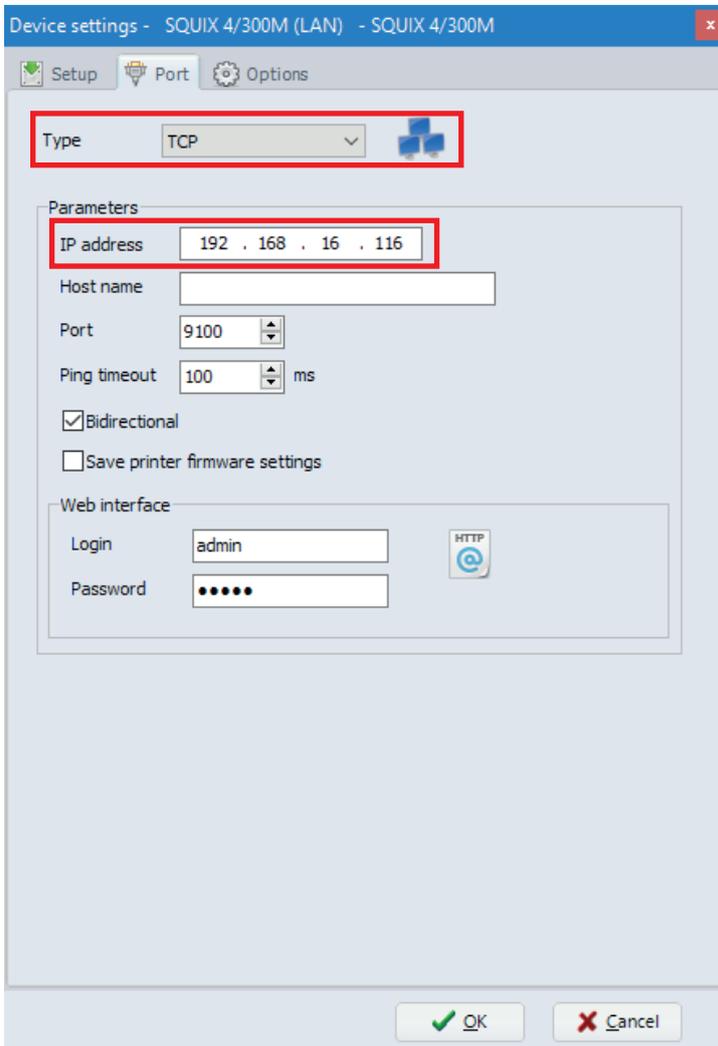


Figure 7 Port settings



#### Notice!

For more information, see the cablabel S3 operator's manual.

**Notice!**

The installation of the Windows driver is only **necessary for the MACH1 and MACH2 printers**, or if you want to use a cab printer from the network with any other software.

Step 1: Download the drivers package [cab Windows Driver](#) directly from this link.

Or from the **drivers category** of cab website, in the « **Documentation / Software** » section:

Documentation / Software, drivers and firmware

Beside software, drivers and firmware we offer a wide range of documentation for our products like catalogs, manuals for operating, service, configuration, programming and service or spare part lists. Accessories you can find via the referring basic device.

Quick search: Enter product name or article number.

Step 1: Please select

PRODUCT GROUP    TYPE OF DOWNLOAD

Documentation  
Including catalogs, manuals, service manuals, technical drawings, configuration and programming manuals, spare part lists

Software & drivers  
Including firmware, software, drivers and software drivers

Select category    Selected category

Step 2: Select category

Drivers     Software     Tools  
 Firmware     Software Drivers

Step 3: Select a product (optional)    [View options](#)

QUICK LINKS

- [Drivers/firmware](#)
- [Support](#)
- [Certificates](#)
- [Case studies](#)
- [Press releases](#)

Figure 8 cab website

Select **cab Windows Driver**, and save it on your computer:

Downloads

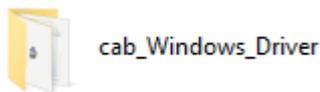
You need Adobe Reader to view the PDF-files. Some documents require version 7 or above. [Download current version of Adobe Reader](#)

Drivers

Title	Format	Version	Last change	Language
<b>cab Apollo Windows Driver</b> Windows NT 4.0 - 2000 - XP	ZIP - 412 KB	2.7	10/05/2011	-
<b>cab Gemini Windows Driver</b> Windows NT 4.0 - 2000 - XP	ZIP - 228 KB	2.6	10/05/2011	English
<b>cab Linux x86 - 32 Bit Driver</b> CUPS Linux Intel 32bit Driver (min. CUPS 1.2)	GZ - 1,14 MB	1.26	15/06/2015	-
<b>cab Linux x86 - 64 Bit Driver</b> CUPS Linux Intel/AMD 64bit Driver (min. CUPS 1.2)	GZ - 1,15 MB	1.26	15/06/2015	-
<b>cab MAC OS X Driver</b> Apple® Mac OS X 10.6 up to 10.11	DMG - 3,23 MB	1.27	29/01/2016	-
<b>cab Windows Driver</b> 32/64 Bit (Vista - Windows 7 - Windows 8 - Windows 8.1 - Windows 10 - Windows Server 2003, 2008, 2008 R2, 2012, 2012 R2) CERTIFIED	ZIP - 6,97 MB	5.1.13	09/11/2015	-
<b>cab Windows Driver (Version 4 5 14)</b> Windows 2000 - XP - 2003 - Vista - NON-CERTIFIED	ZIP - 2,70 MB	-	10/05/2011	-
<b>e2-200 Driver</b> Windows 2000 - XP	EXE - 462 KB	1.3.11	29/07/2009	-
<b>e2-300 Driver</b> Windows 2000 - XP	EXE - 382 KB	3.3.00	29/07/2009	-

Figure 9 Drivers list

**Step 2:** **Unpack ZIP archive** into a folder.



**Notice!**

The rest of the installation can optionally be done with the « PnInst.exe » wizard provided in the archive.

Figure 10 Unzipped folder

**Step 3:** **Add a printer** from the Windows settings or from the « Devices and Printers » list.

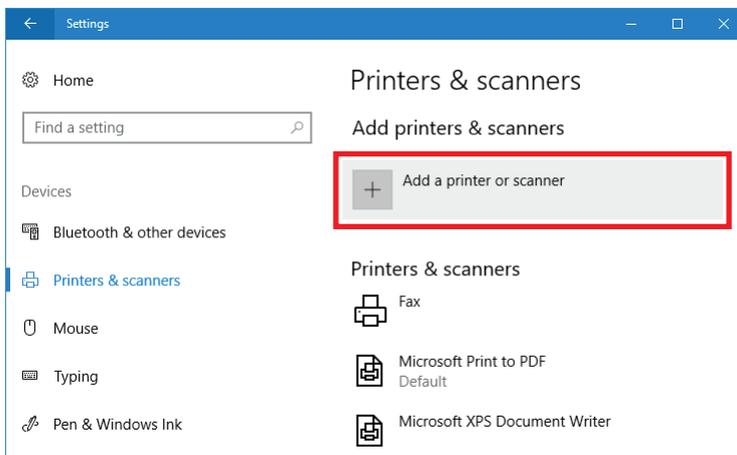


Figure 11 Printers & scanners settings

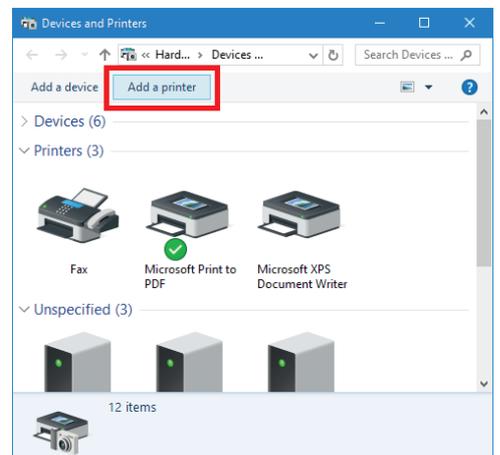


Figure 12 Devices and Printers

**Step 4:** Click on one of the **links to start the wizard**, which allows to add the printer manually.

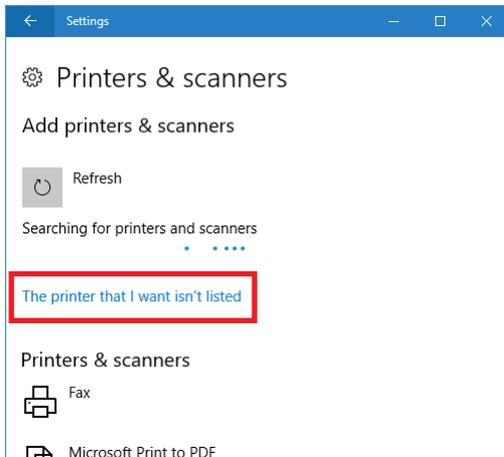


Figure 13 Searching for printers and scanners

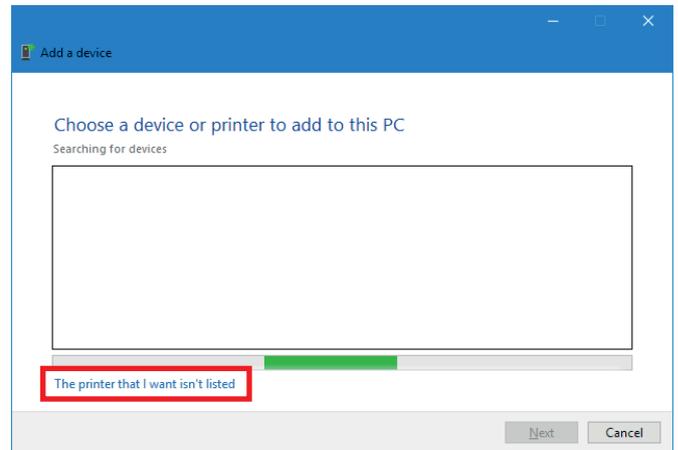


Figure 14 Searching for devices

**Step 5:** Select « **Add a local printer or network printer** », then click on « **Next** ».

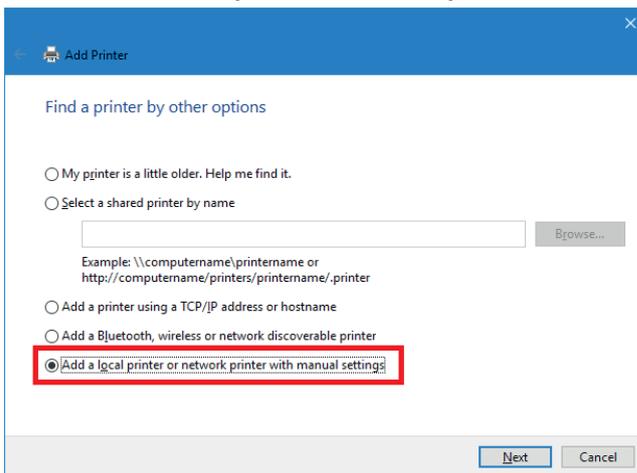


Figure 15 Find a printer by other options

**Step 6:** Select « **Create a new port** » of type « **Standard TCP/IP Port** », then click on « **Next** ».

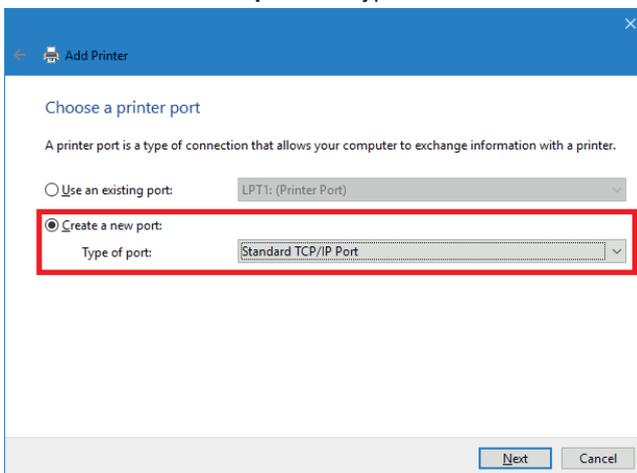
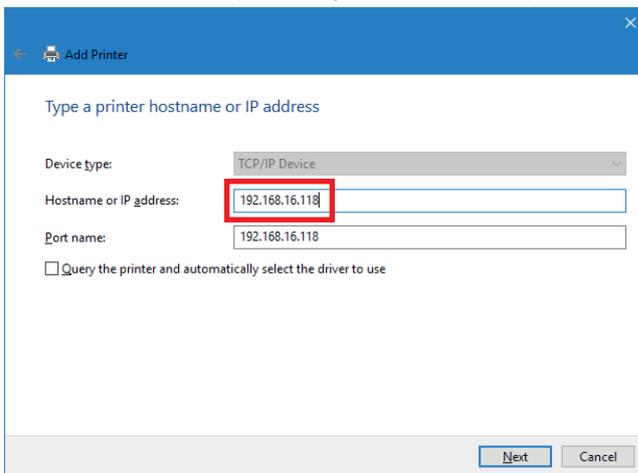


Figure 16 Choose a printer port

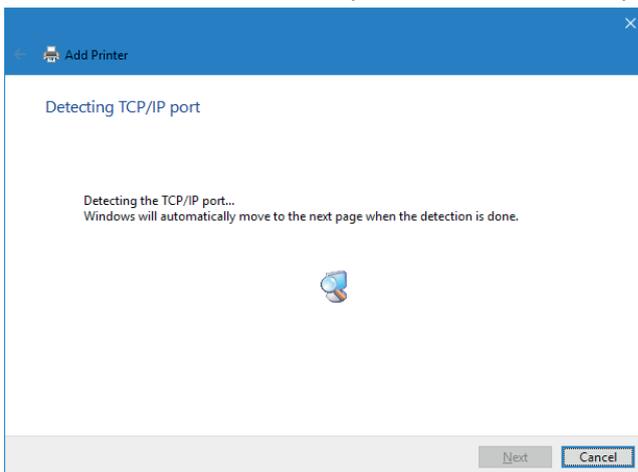
**Step 7:** Fill in the **IP address** previously collected on the printer, then click on « **Next** ».



The screenshot shows the 'Add Printer' wizard window. The title bar says 'Add Printer'. The main heading is 'Type a printer hostname or IP address'. There are three input fields: 'Device type' is a dropdown menu set to 'TCP/IP Device'; 'Hostname or IP address' is a text box containing '192.168.16.118', which is highlighted with a red rectangle; 'Port name' is a text box containing '192.168.16.118'. Below these fields is a checkbox labeled 'Query the printer and automatically select the driver to use', which is unchecked. At the bottom right, there are 'Next' and 'Cancel' buttons.

Figure 17 Type a printer hostname or IP address

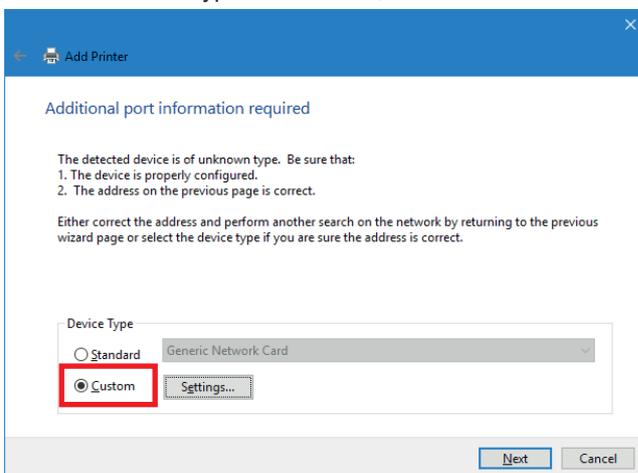
**Step 8:** **Wait** until the end of the TCP/IP port detection and the display of the next step.



The screenshot shows the 'Add Printer' wizard window. The title bar says 'Add Printer'. The main heading is 'Detecting TCP/IP port'. Below the heading, it says 'Detecting the TCP/IP port...' and 'Windows will automatically move to the next page when the detection is done.' There is a small globe icon in the center. At the bottom right, there are 'Next' and 'Cancel' buttons.

Figure 18 Detecting TCP/IP port

**Step 9:** Select the device type « **Custom** », then click on « **Next** ».



The screenshot shows the 'Add Printer' wizard window. The title bar says 'Add Printer'. The main heading is 'Additional port information required'. Below the heading, it says 'The detected device is of unknown type. Be sure that:' followed by a list: '1. The device is properly configured.' and '2. The address on the previous page is correct.' Below this, it says 'Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.' There are two radio buttons: 'Standard' (unchecked) and 'Custom' (checked, highlighted with a red rectangle). To the right of the 'Custom' radio button is a 'Settings...' button. Below the radio buttons is a dropdown menu set to 'Generic Network Card'. At the bottom right, there are 'Next' and 'Cancel' buttons.

Figure 19 Additional port information required

**Step 10:** Click first on « **Have disk** » and after that « **Browse** » the computer.

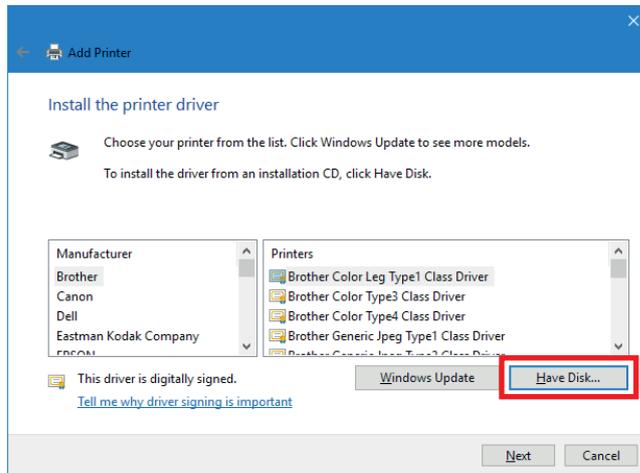


Figure 20 Install the printer driver

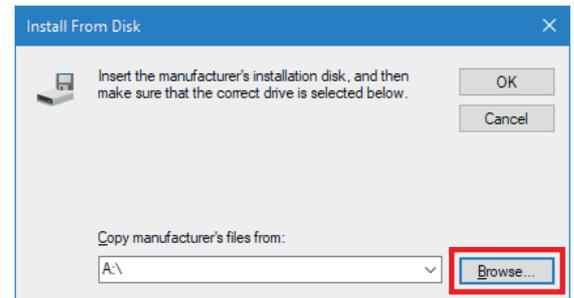


Figure 21 Install from disk

**Step 11:** Search for the **folder containing the downloaded drivers**, select the **CABOEM.inf** file, then **validate 2 times**.

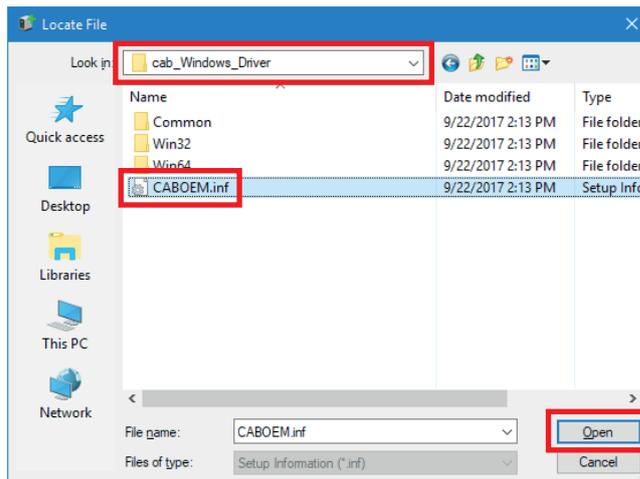


Figure 22 Locate file

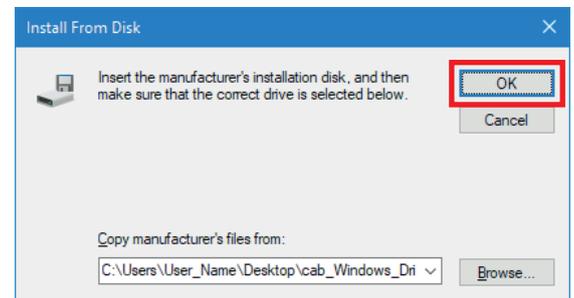


Figure 23 Install from disk

**Step 12:** Select in the list the **model corresponding** to your printer, then click on « **Next** ».

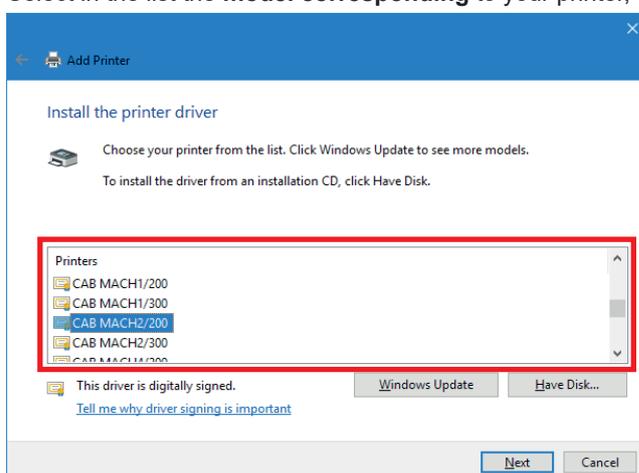


Figure 24 Install the printer driver

**Step 13:** You can optionally change the name given by default to the printer.

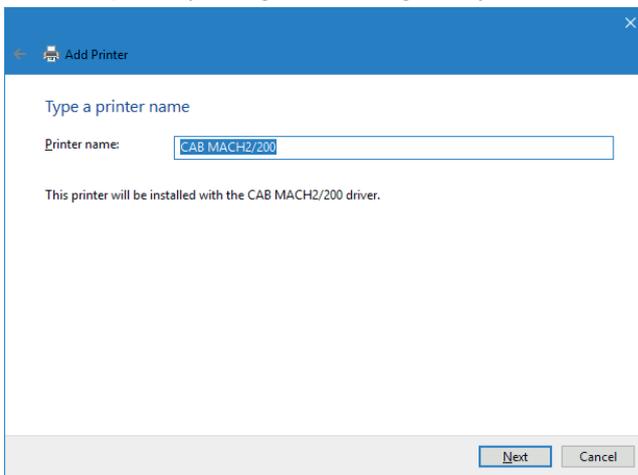


Figure 25 Type a printer name

**Step 14:** Click on « **Next** » to start installation.

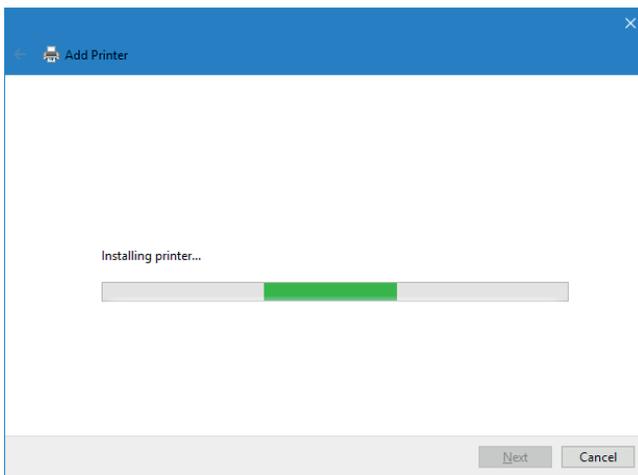


Figure 26 Installing printer

**Step 15:** Click on « **Next** », because it is not necessary to share a network printer accessible directly.

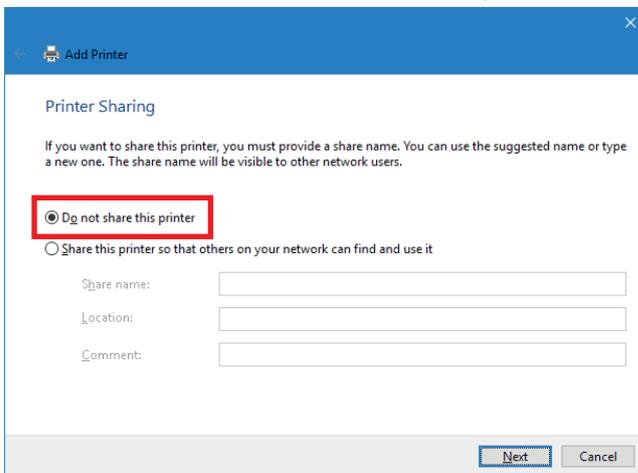


Figure 27 Printer sharing

**Step 16:** After that it is possible to **print a test page** to check if the printer is working properly.

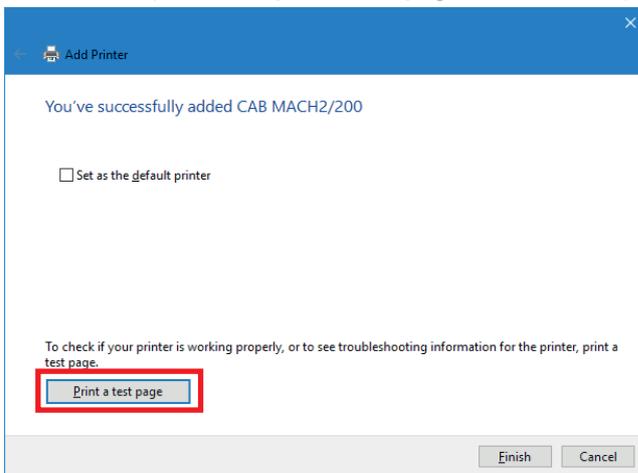


Figure 28 Print a test page

**Step 17:** Then **validate 2 times** to close the windows.

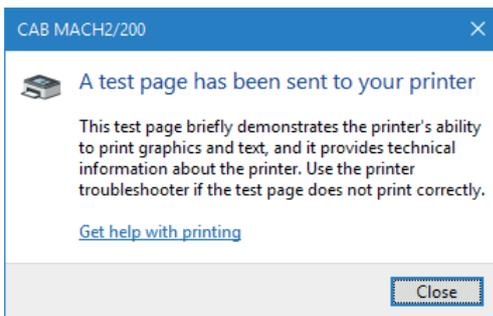


Figure 29 End of installation

**Step 18:** Edit **printer properties**, from the Windows settings or through a right click in the « Devices and Printers » list.

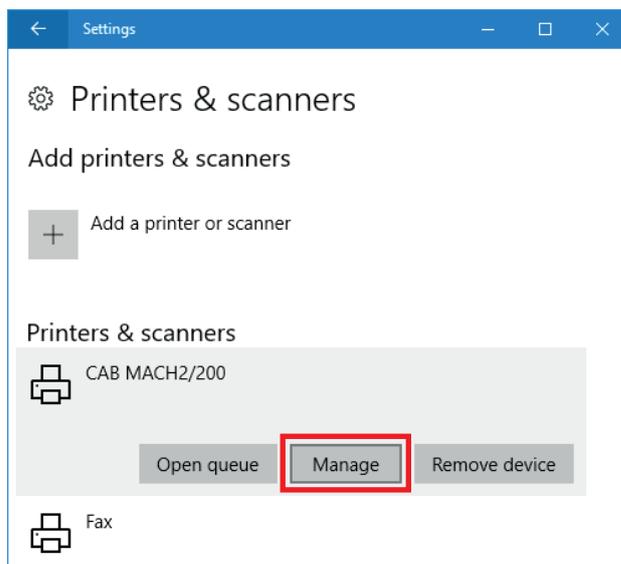


Figure 30 Printers & scanners settings

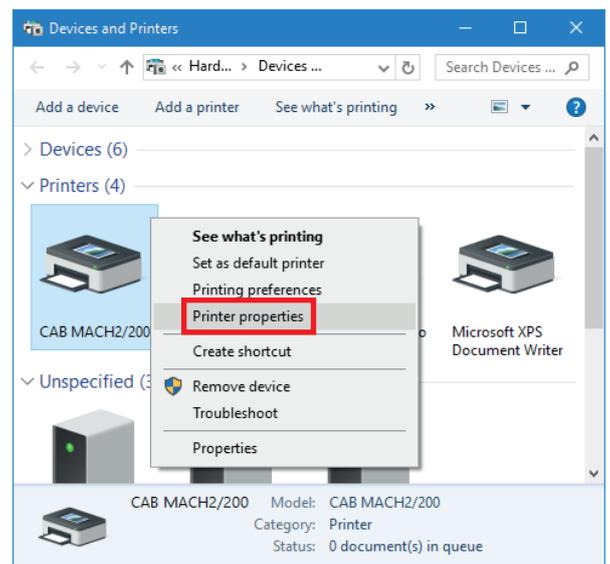
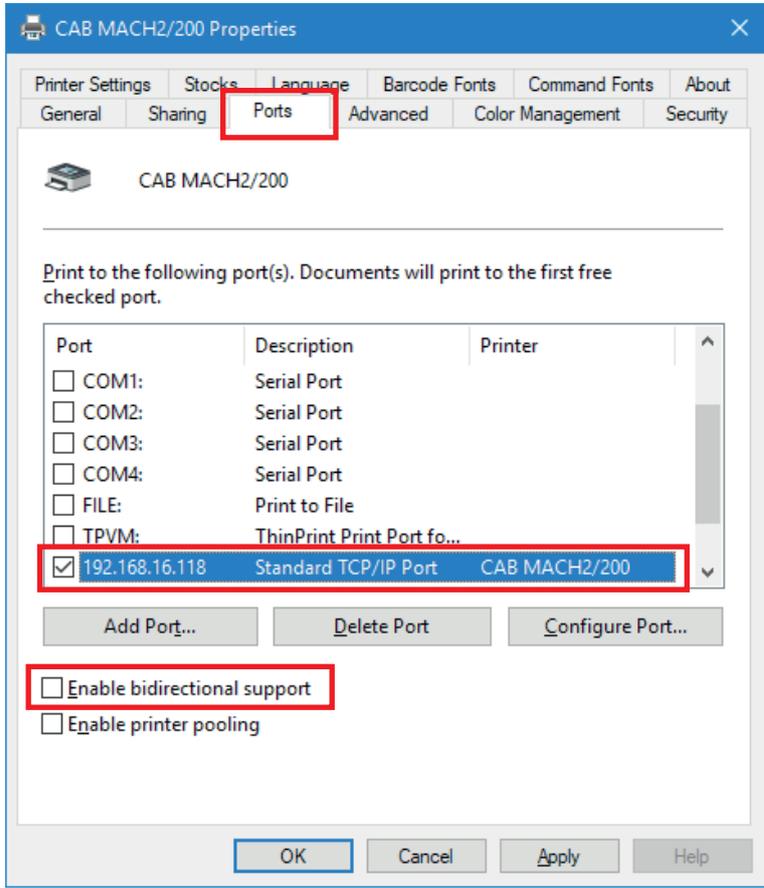


Figure 31 Devices and Printers

Step 19: Under the « Ports » tab, **uncheck the « Bidirectional support »** of port from printer.



**Notice!**  
It is not necessary to uncheck the bidirectional of port in cablabel S3.

Figure 32 Printer properties

Step 20: At the next start of cablabel S3, the printers MACH1 and MACH2 will after that appear automatically in the **list of GDI or Windows devices**.

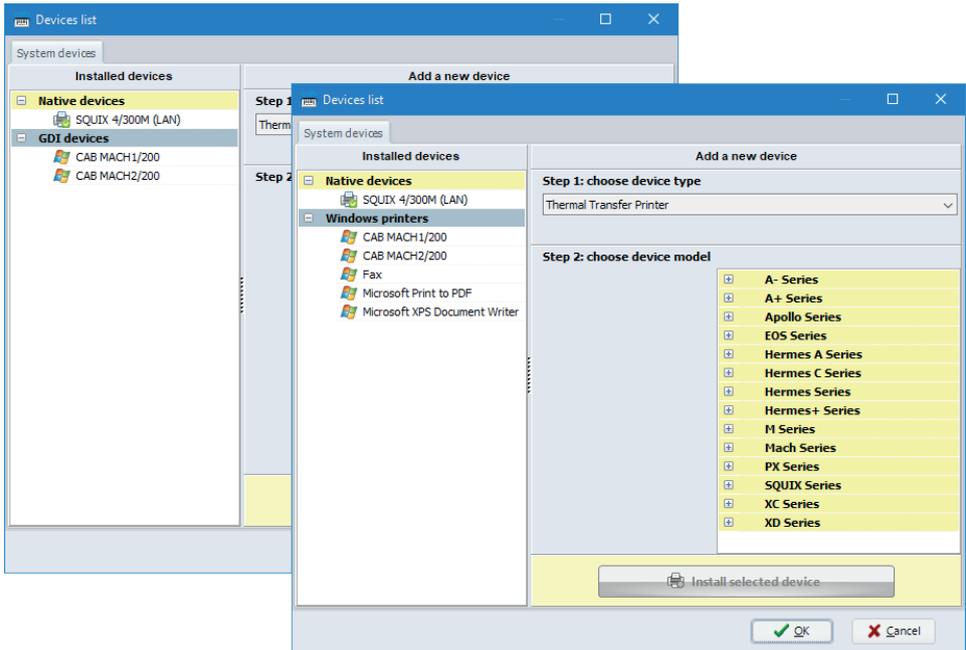


Figure 33 Devices list

**Notice!**

If a printer was for example not installed properly, or if it is simply no longer used through Windows, it is better to remove it before any new installation, in order to avoid any potential duplicates and conflicts.

**Remove device**, from the Windows settings or through a right click in the « Devices and Printers » list:

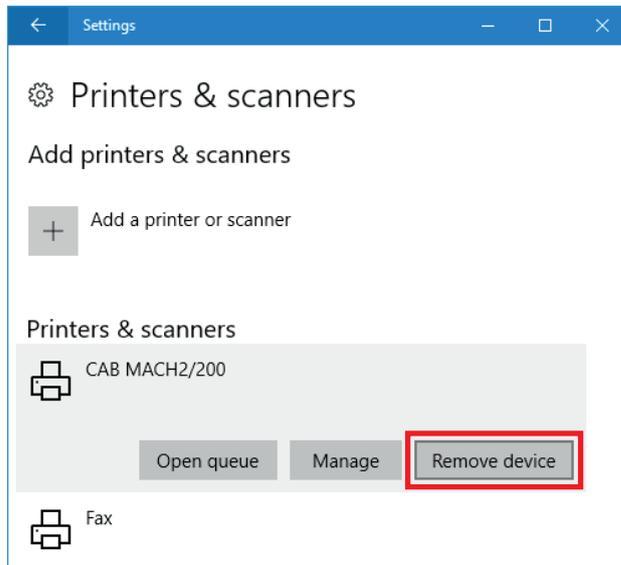


Figure 34 Printers & scanners settings

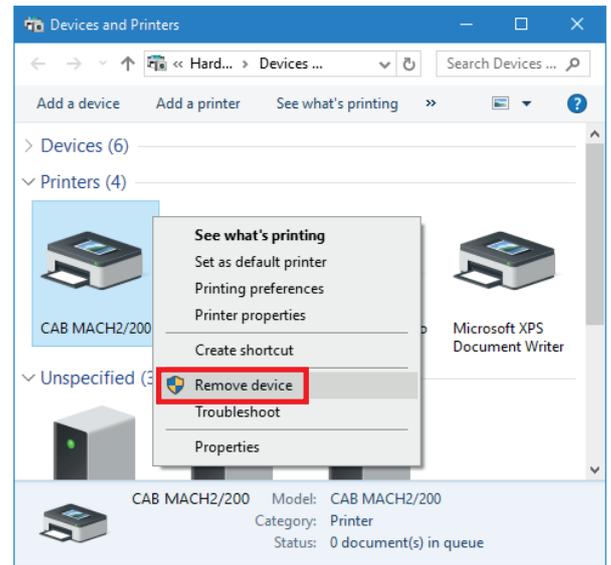


Figure 35 Devices and Printers

**Attention!**

The suppression of a Windows printer does not uninstall its driver and its related port. As required, both can optionally be deleted manually.

Step 1: Run the **command** « `printui /s` » with the command prompt or through the « keys Windows  + R ».

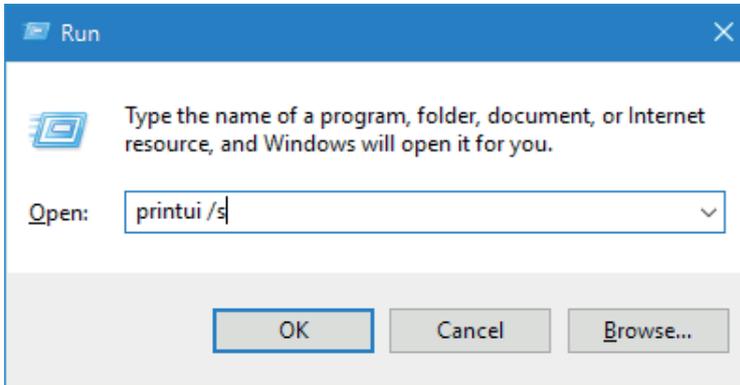


Figure 36 « Run » window

Step 2: Under the « Drivers » tab, **select the driver** to uninstall and click on « **Remove** ».

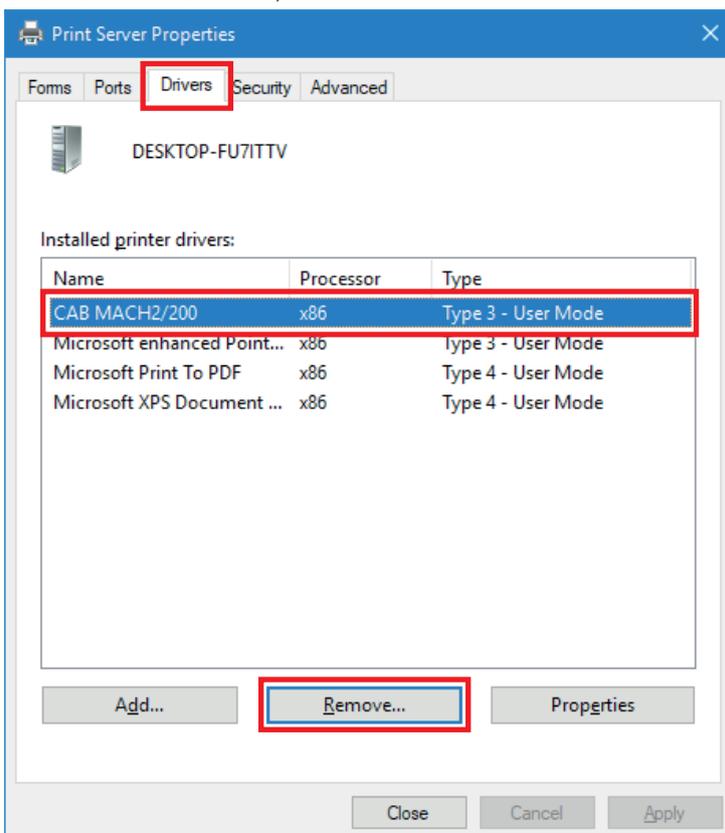


Figure 37 Print server properties

**Notice!**

When the suppression is impossible, check if the printer does not have any jobs in its spooler, then stop and restart the « Print spooler » service.

**Step 3:** After that delete the **driver only** or if needed the whole package.

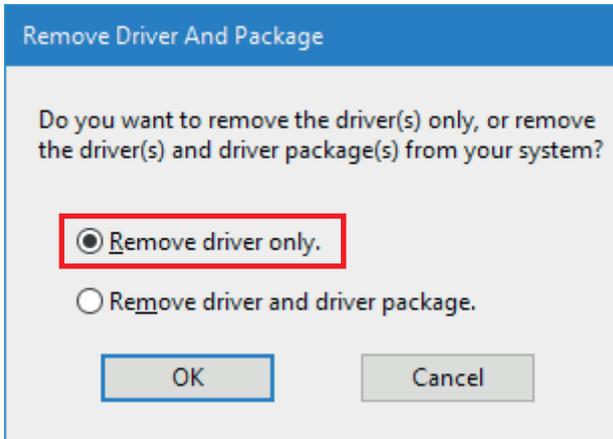


Figure 38 Removal window



### Warning!

Do not remove the whole package as long as any device use it or if any version of cablabel is installed on your computer !

**Step 4:** Under the « Ports » tab, **select and remove the port** created during the printer installation.

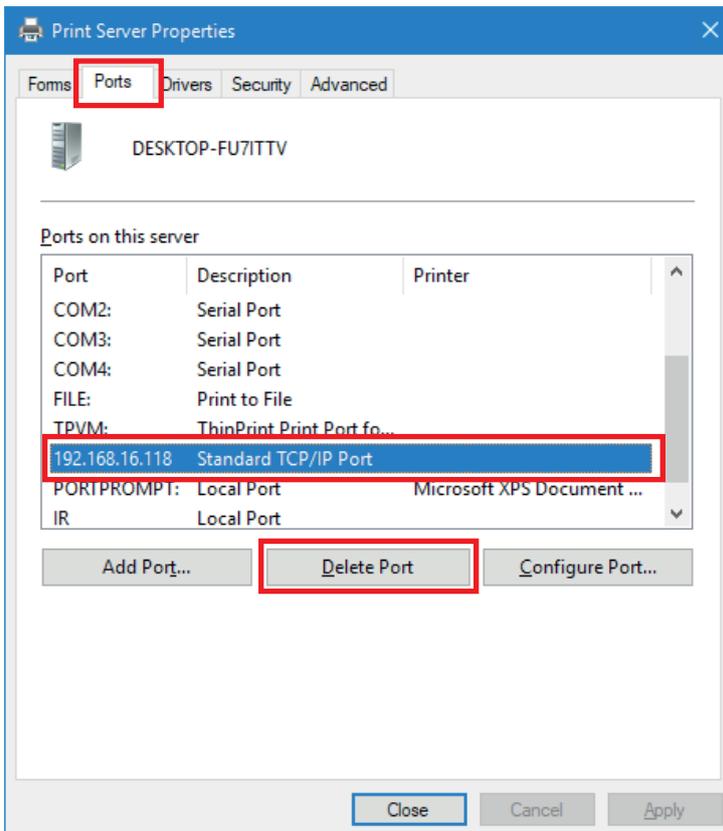


Figure 39 Print server properties