User Guide



INSTRUCTIONS FOR INSTALLING TE PRINTER DRIVERS - WINDOWS 10

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User Guide



1. SCOPE

The aim of this document is to provide a basic user guide for the installation of TE Connectivity (TE) printer drivers¹ on Windows Operating Systems (OS) 10².

This document is not intended as a complete guide to all functionality of TE printer drivers.

Information pertaining to how to run and install Windows drivers is assumed.

This document will not answer all installation problems yet to be encountered.

All through the installation process selecting "Cancel" or "Exit" (which ever applicable) on the dialogs will terminate the installation procedure.

It is essential that the user has full administrator privileges in order to install TE printer drivers.

TE accepts no liability for data lost during the installation process.

2. PRINTER DRIVER INSTALLATION

Prior to the attachment of any printer to the Personal Computer (PC)/Laptop it is imperative that a Windows Driver for the intended printer is installed on the device.

The TE Printer Driver is available for download from the Label and Printing Software Download page: <u>www.te.com/wintotal</u>

¹ The TE Printer Driver is dual branded software between TE Connectivity and NiceLabel /EuroPlus d.o.o, see Figure 81.

² For Windows XP installation refer to TE Document 411-121010 revision 2. For Windows 7 & 8 installation refer to TE Document 411-121010 revision 3.

User Guide



Software and Firmware Download Packages

Wintotal - Version 6 (latest revision) Software - 14 days trial evaluation (Demo)

Wintotal - v5.4.04 Software - 14 days trial evaluation (Demo)

TE Firmware For Printers T3212 & T3224

TE Firmware For Printers - T2000CT, TE3112, TE3124 & T6112DS

TE Firmware For Printer - T200 IDENT

TE Firmware Updater tool (USB Only)



Figure 1 - Driver Download link

The installation files from the TE download page are in .zip format and must be extracted before use. Once extracted it is recommended that the user browses into the TE_Drivers folder and the user right-clicks the PrnInst.exe application and selects "*Run as administrator*".



The TE Driver is also on the Compact Disk (CD) that accompany TE printers.



2.1. CD Installation³

Insert the CD into the PC; the application should automatically start (permission may be required).

If the application does not auto-start, browse the CD and run the Start.exe file.



Figure 3 - Printer CD Installation Dialog

³ Only applicable if the user is installing the software from CD and not via download



2.2. Driver Installation

Upon running the TE Printer Driver download or CD installation, a "*Welcome*" dialog opens, selecting "*Next*" continues the installation. Selecting "*Exit*" on any of the dialogs terminates the installation.

Printer Installation Wizard	
NiceLabel	This wizard will help you install, update or remove printer drivers.
	Version 7.8.01.13595 Copyright (c) 2018 Euro Plus All Rights Reserved.
	Exit < Previous Next >

Figure 4 - Welcome dialog

The "*Installation Options*" dialog opens; unless the user knows they already have the desired printer driver/port installed TE recommends selecting the "*Install Printer Driver*" option.

Printer Installation Wizard	
Please select one of the driver installation or removal options.	
→ Install Printer Driver Installs printer driver.	
→ Up <u>d</u> ate Printer Drivers Updates one or more already installed printer drivers.	See paragraph 2.2.2.
Uninstall Printer Drivers Uninstalls one or more printer drivers.	See paragraph 2.2.3.
<u>Remove Preloaded Drivers</u>	See paragraph 2.2.4.
Exit < Previous Next >	

Figure 5 - Installation Options





During installation there is the potential that Windows Security will request user authorisation to continue the installation. Selecting "*Install*" will continue the process.

E Windows	Security	×
Would you	like to install this device software?	
S Pu	me: NiceLabel printer driver blisher: Euro Plus d.o.o.	
Always t	rust software from "Euro Plus d.o.o.".	Don't Install
Vou shou which de	Id only install driver software from publishers you to vice software is safe to install?	trust. <u>How can I decide</u>

2.2.1. Install Printer Drivers

If the user selected the "*Install Printer Driver*" option the End User License Agreement will be displayed. The user must accept the terms in the license agreement before being able to proceed.

Printer Installation Wizard	
License Agreement Nicel ab	el °
Please read license agreement before installing printer driver.	
NICELABEL PRINTER DRIVERS - WINDOWS DRIVERS FOR THERMAL PRINTERS	^
LICENSE AND LIMITED WARRANTY	
NiceLabel Printer Drivers are true Windows printer drivers that can be used for label printing by the NiceLabel software products or any third-party Windows application. Optimal results and fastest printout speeds can be best obtained from the NiceLabel software products.	
The only two allowable distribution channels of NiceLabel Printer Drivers are from the NiceLabel CD-ROM/DVD and downloadable distributions on the NiceLabel website (http://www.nicelabel.com). You may not distribute, lease or rent NiceLabel Printer Drivers	•
I accept the terms in the license agreement I do not accept the terms in the license agreement	
<u>E</u> xit < <u>P</u> revious <u>N</u> ext >	•

Figure 7 - End User License Agreement



The "*Select Port*" dialog opens giving the user the option of selecting the port the printer is connected to. Select the port to install to and go to relevant paragraph.

Printer Installation Wizard	
Select Port Select port to which the printer is attached.	eLabel
→ Local Port Installation on Serial (COM) or Parallel (LPT) ports.	See paragraph 2.2.1.1.
→ Network Port Ethernet (LAN) or Wireless (WiFi) installation.	See paragraph 2.2.1.2.
→ USB Port Installation of USB Plug and play device.	See paragraph 2.2.1.3.
→ <u>O</u> ther Other ports or manual installation on any port.	See paragraph 2.2.1.4.
<u>E</u> xit < <u>P</u> revious	<u>N</u> ext >

Figure 8 - Select Port

2.2.1.1. Local Port

On selecting "Local Port" the "Select Printer" dialog opens. Select printer to be installed and select "Next".

Printer Installation Wizard Select Printer Please select the printer that you would like to install. NiceLabel	
T200 Ident T2212 T312Mi T3212 T3224 T6112DS TE3112 TE3124	List of supported printers; highlight printer to be installed. Single selection only.

Figure 9 - Select Printer

Select the local port to assign printer and select "Next".

Printer Installation Wizard				
Select Local Port Select the port your pr	rinter is connected to.	Nic	eLabel	
Port	Туре	Configuration	^	
LPT1:	Printer Port			List of local ports;
LPT2:	Printer Port			highlight port, printer to
LPT3:	Printer Port			be installed to.
COM1:	Serial Port			
COM2:	Serial Port			
COM3:	Serial Port			
COM4:	Serial Port			
			~	
Show <u>a</u> ll ports		Con	figure	
	<u>E</u> x	it < <u>P</u> revious	<u>N</u> ext >	
LPT1: LPT2: LPT3: COM1: COM2: COM3: COM4: Show <u>all ports</u>	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port Serial Port	t <u>Previous</u>	figure Next >	List of local ports; highlight port, printer to be installed to.

Figure 10 - Select Local Port

The "*Printer Options*" dialog allows the user to change the printer name⁴, select installation language and set the printer as the Windows default printer.

Printer Installation Wizard			
Printer Options		NiceLabel	
Please select printer	options before installation.		Default printer name:
Printer <u>n</u> ame:	T200 Ident		can be edited by the
Driver version:	7.8.01.13595		user.
Port name:	LPT1:		
Select language:	English	~	
I want to use this	printer as the Windows default printer		
	<u>E</u> xit < <u>F</u>	revious <u>I</u> nstall	

Figure 11 - Printer Options

Selecting "Install" starts the installation process.

⁴ Changing the printer name allows the user to add specific identifiers if there are multiple installations of the same printer model on the host PC.

rinter Installation Wizard	
Installing Printer Driver	Nicol abol
Printer Installation Wizard is installing the printer driver.	NiceLaber
Adding any port or language monitors	
	Cancel

Figure 12 - Install Printer Driver

When installation is complete "Summary" dialog opens giving the user a message if the installation was successful.

Printer Installation Wizard	
Summary Operation completed. Please read the summary below. NiceLabel	
Installed printers: Installation of T200 Ident Test (ver. 7.8.1.13595) on port LPT1:succeeded.	Installation succeeded message.
Install another printer	
Exit	

Figure 13 - Summary⁵

⁵ Note – printer installation name edited to include "Test" after default name.

2.2.1.2. Network Port

On selecting "Local Port" the "Select Printer" dialog opens. Select printer to be installed and select "Next".

Belect Printer Please select the printer that	you would like to install.	Nice	abel	
T200 Ident T2212 T312Mi			Hi	ghlight printer to be stalled.
T3212 T3224 T6112DS				
TE3124				

Figure 14 - Select Printer

The "Select Network Post" dialog lists all Printer, Serial and Local ports on the host PC.

Select the port your printe	r is connected to.	NiceL	abel	
) Create a new network port Use an existing port:				Create new port optic
Port	Туре	Configuration	^	
T3212_IP.100.10.10.212	Advanced Port Monitor	100.10.10.212:910	5	
T3224_IP.100.10.10.224	Advanced Port Monitor	100.10.10.224:910	0	
100.10.10.112	Standard TCP/IP Port	100.10.10.112		
100.10.10.124	Standard TCP/IP Port	100.10.10.124		
100.10.10.138	Standard TCP/IP Port	100.10.10.138		
100.10.10.16	Standard TCP/IP Port	100.10.10.16		
100.10.10.200	Standard TCP/IP Port	100.10.10.200		
100.10.10.201	Standard TCP/IP Port	100.10.10.201	~	
Show all ports		Configure	E	

Figure 15 - Select Network Port⁶

⁶ Note – Inactive ports will be disabled/ "greyed out."

If the network port to use has already been created select the required port and select "*Next*". There is a potential that contention between printers can occur.

		~
One or more printers are already selecting this port new (and existi work correctly.	using this ing printers	port. By s) might not
Are you sure you want to continu	ie?	
	Yes	No

Figure 16 - Printer contention

Continue and the process will complete via "*Printer Options*" and "*Installation*" as illustrated in Figures 11, 12 & 13.

If a network port needs to be created, select the "*Create a new network port*" option and select "*Next*", the "*Add Network Port*" dialog opens.

Printer Installation Wizard		
Add Network Port Enter port configuration for t	he desired printer.	Default port name
Port name: Printer Name or IP Address: Port number:	LAN_T3212	entered by system, can be changed to user selection.
For number.		Printer IP Address, must be valid and unique for the user's network.
	Exit < Previous Next >	

Figure 17 - Add Network Port

Selecting "*Next*" opens the "*Printer Options*" dialog, this allows the user to change the printer name⁷, select installation language and set the printer as the Windows default printer.

⁷ Changing the printer name allows the user to add specific identifiers if there are multiple installations of the same printer model on the host PC.

Figure 18 - Printer Options

If the user is running a 64-bit Operating System (OS) there may appear a warning dialog telling the user that SysWow64.exe process is running and to save any unsaved data. TE recommends the user to save open documents and close all nonrelated applications before proceeding.

PrnInst - Proc	ess
The drive Close	applications locking the driver, and press <next></next>
	SplWow64.exe (Thunking Spooler) process was found running on the system. It helps all 32bit applications to be able to print on 64bit systems. To continue the installation, Printer Installation Wizard needs to restart this process. By doing so, this can unpredictably influence any 32-bit applications that are using windows drivers for printing. Please save your work in any such applications and close them before continuing installation.
	< Previous Exit Next >

Figure 19 - SysWow64 Warning

After clicking "*Next*" the installation procedure restarts SplWWow64.exe process to unlock the printer driver.

The printer driver installation may also be locked by another process. With locked drivers present, the following options are available:

- Close the applications that are locking the printer driver.
- Stop the installation and restart the computer. After restarting, repeat the installation procedure.
- If closing the application window has no effect, use Task Manager to end the tasks.
- Continue with the installation. New files are copied installation is complete after restarting the computer.

TE recommends the user to save open documents and close all nonrelated applications before proceeding. If the process is still blocked the user can "*Ignore*" the block and force the installation to continue.

PrnInst - Process	
The driver is locked by another process Close applications locking the driver, and press <next></next>	
The file is locked by the following processes. Please close all applications to release the file and press "Retry" to continue. To force the installation of driver without releasing the file, press "Ignore".	
WmiPrvSE.exe	Process locking file.
Exit < Previous Ignore Retry	

Figure 20 - Driver Blocked

If a process has been halted or ignored an information dialog may open telling the user to carry out a restart to reboot the process.

Figure 21 - Reboot Information

Figure 22 - Installation Summary

nforma	ition X
1	Following processes were holding the driver when installation was done: WmiPrvSE.exe
	It is recommended that you reboot your computer, so all the processes are restarted.
	Do you want to report your computer now?

Figure 23 - Reboot Information

If the driver has been locked, a process halted or ignored an information dialog opens to tell the user to reboot the PC.

2.2.1.3. USB Port

On selecting "USB Port" the "Detect USB Printer" dialog opens. The "Detect USB Printer" waits for the user to connect a USB printer.

Printer Installation Wizard	
Detect USB Printer Automatically detect printer connected to	to USB port. NiceLabel
Please connect the printer to USB port a already connected and turned on please cable.	Ind then turn on the printer. If printer is e disconnect and then reconnect the USB
	Exit < Previous Next >

Figure 24 - Detect USB Printer

Once the printer is connected to the USB, if the installation program identifies the printer the *"Printer Options"* dialog opens. The *"Printer Options"* dialog allows the user to change the printer name⁸, select installation language and set the printer as the Windows default printer.

rinter Options		Contraction of the local sectors of the local secto
Please select printer	options before installation.	NiceL
Printer name:	T200 Ident	
Driver version:	7.8.01.13595	
Port name:	USB001	
Select language:	English	
	printer as the Windows default printer	
I want to use this	printer as the windows default printer	
I want to use this	printer as the windows genault printer	
☐ I want to use this	printer as the windows genaut printer	
I want to use this	printer as the windows genaut printer	

Figure 25 - Printer Options

⁸ Changing the printer name allows the user to add specific identifiers if there are multiple installations of the same printer model on the host PC.

If the installation program detects the USB but fails to identify the printer the "Select Printer" dialog opens.

Printer Installation Wizard			
Select Printer Please select the printer	that you would like to install.	NiceLabel	
T200 Ident T2212 T312Mi T3212 T3224			List of supported printers; highlight printer to be installed. Single
T6112DS TE3112 TE3124			selection only.
	<u>F</u> XII < <u>F</u> I	revious <u>N</u> ext >	

Figure 26 - Select Printer

If the user is trying to install multiple instances of the same printer a dialog will warn the user.

Confirm		\times
1	Printer T200 Ident is already installed. Please use different name or only update the version of printer driver. Do you want to update printer driver?	
	Yes <u>N</u> o	

Selecting "Yes/Install/Next" initialises the installation process.

talling Device Driver Printer Installation Wizard is installing device driver.	Nicel abe
Printer Installation Wizard is installing device driver.	
	THE CHARGE
Updating device driver.	
T200 Ident	
	Cancel

Figure 28 - Installing Device Driver

If the installation process detects no issues the installation will complete and the "Summary" dialog will open.

Summary Operation completed. Please read the summary below.	NiceLabel	
Installed printers: Installation of T200 Ident (ver. 7.8.1.13595) on port USB001succeeded		Installation succeeded message.
] Install another printer		

Figure 29 - Summary

If the installation procedure detects an issue a warning dialog will open; the user can either continue or terminate the installation.

Confirm	×
1	There was a problem updating the driver for pnp device. However, the printer driver can still be installed on the selected port. Do you want to continue with the installation?
	Yes No

If the user continues the installation will complete and the "Summary" dialog will open.

If the user terminates the dialog the "Summary" dialog will open stating installation failed.

ummary Operation completed. Please read the summary below.	NiceLabel	
stalled printers:		Installation foiled
stallation of T200 Ident on port USB001failed.		message.
]Install another printer		
	<u>E</u> xit	

2.2.1.4. Other Port

On selecting "Other Port" the "Select Printer" dialog opens. Select printer to be installed and select "Next".

Printer Installation Wizard Select Printer Please select the printer that you would like to install.	NiceLabel	
T200 Ident T2212 T312Mi T3212 T3224 T6112DS TE3112 TE3124		Highlight printer to be installed.
Exit	< Previous Next >	

Selecting "*Next*" opens the "*Select Local Post*" dialog; this lists all User Defined, Serial and Local ports on the host PC.

Select Local Port Select the port your printer	r is connected to.	Nic	eLabel	
Port	Туре	Configuration	^	List of all local ports
COM1:	Serial Port			(includes user defined
COM2:	Serial Port			PPN file definitions):
COM3:	Serial Port			highlight part printer t
COM4:	Serial Port			he installed to
FILE:	Local Port			be installed to.
C:\PRNs\T200_IDENT.PRN	Local Port			
C:\PRNs\TE3112.PRN	Local Port			
C:\PRNs\TE3124.PRN	Local Port			
HPDesignjetT79544in	HP Standard TCP/IP P			
IR	Local Port		×	
	4	Add Port Confi	igure	

Figure 31 - Select Local Port

The user has the options to continue with the installation or "Add Port" or "Configure" an existing port.

Selecting "Add Port" opens a "TCP/IP Port Configuration" dialog. If a user wants to add a Network port TE recommends using the Network Port installation, see paragraph 2.2.1.2. The user must close this dialog before installation can be continued.

CLASS 1- Public

Advanced TCP/IP Port Configuration	Х
Port Name <u>N</u> ame: LAN_[]
TCP/IP Data Printer Name or IP Address: Port Number: 9100]
OK	el

Figure 32 - TCP/IP Configuration

If the user selects "*Configure*", dependent on the current port selected the user may be offered setting the Transmission Retry time or nothing. The user must close this dialog before installation can be continued.

Configure LPT Port	×	Local Port X
Timeout (seconds) <u>T</u> ransmission Retry:	OK Cancel	There is nothing to configure for this port.
Figure 33 - Port Configuration		ОК

Selecting "Next" causes the Printer Options dialog to open.

rinter Options		Nicel
Please select printer	options before installation.	NICEL
Printer <u>n</u> ame:	T200 Ident	
Driver version:	7.8.01.13595	
Port name:	C:\PRNs\T200_IDENT.PRN	
Select language:	English	· · ·
I want to use this	printer as the Windows <u>d</u> efault printer	

If the user is trying to install multiple instances of the same printer a dialog will warn the user.

Confirm		Х
1	Printer T200 Ident is already installed. Please use different name or only update the version of printer driver. Do you want to update printer driver?	
	<u>Y</u> es <u>N</u> o	

Figure 35 - Multiple Names

Selecting "Yes/Install" initialises the installation process.

Printer Installation Wizard	
Installing Printer Driver	Nicel abel
Printer Installation Wizard is installing the printer driver.	Meetaber
Adding printer	
T200 Ident	
	Canaal
	Cancel

Figure 36 - Installing Printer Driver

If the installation process detects no issues the installation will complete and the "*Summary*" dialog will open.

	Installation succeeder
F.PRNsucceeded	message.
	ſ.PRNsucceeded◀

Figure 37 - Summary

2.2.2. Update Printer Driver

When "*Update Printer Driver*" is selected, the host PC reviews all printers installed and determines if the driver can be updated.

ime.			
stalled version	New version		
8.10.13762	7.10.0.18762		
8.10.13762	7.10.0.18762		
8.10.13762	7.10.0.18762		
8.10.13762	7.10.0.18762		
8.10.13762	7.10.0.18762		
8.10.13762	7.10.0.18762		
			Printers to update, by
			default all entries ticked.
	me. stalled version 8.10.13762 8.10.13762 8.10.13762 8.10.13762 8.10.13762 8.10.13762 8.10.13762	Ime. New version 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762	Ime. New version 810.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762 8.10.13762 7.10.0.18762

Figure 38 - Update Printer Driver⁹

By default, all printers are selected and the drivers for all the selected printers will be updated. Selecting *"Update"* starts the installation of the new printer driver.

⁹ New version in figure does not exist.

Printer Installation Wizard	
Installing Printer Driver Printer Installation Wizard is installing the printer driver.	NiceLabel
Adding printer T3224 USB 001	
	Cancel

Figure 39 - Installing Printer Driver

Updating of drivers is confirmed in the "Summary" dialog.

Operation completed. Please read the summary below.	NiceLabel	
/pdating following printer(s) from the system:		
Update of T3212 IP.100.10.10.212 from version 7.8.10.13762 to		Confirmation of
Update of T3222 IP.100.10.10.213 from version 7.8.10.13762 to Update of T3222 IP.100.10.10.213 from version 7.8.10.13762 to Update of T3224-prn from version 7.8.10.13762 to 7.10.0.18762suc Update of T3224 IP.100.10.10.224 from version 7.8.10.13762 to Update of T3224 IP.100.10.10.224 from version 7.8.10.13762 to 10.0.18762successful defined	cceeded.	successful driver installation
Update of T6112DS IP.100.10.10.62 from version 7.8.10.13762 to 10.0.18762succeeded.		

Figure 40 - Summary

2.2.3. Uninstall Printer Drivers

Selecting "Uninstall Printer Drivers", the host PC enumerates the installed printers and gives the user a list to select which printer to uninstall.

t the printers from the list you want to uninst	all:		Driver to uninstall.
Printer name		^	
T200 Ident Printer IP.100.10.10.200			
T200 Ident Printer IP.100.10.10.201			
T9212			
T3212 IP.100.10.10.212			
T3212 IP.100.10.10.213			
T3224 IP.100.10.10.224			
T3224 USB 001			
13224-prn			
T6112DS IP.100.10.10.61			
TE3112 ID 100 10 10 10 12			
1E311Z IP 100 10 10 11Z		V	

Figure 41 - Uninstall Printer Driver

The user selects the printers to uninstall and selecting "*Next*" starts the removal process for deleting printers.

rinter Installation Wizard	
Deleting Printers	Nicel abel
To stop the deletion press <cancel> button.</cancel>	NICOLUNCI
Stopping Label Services	
	Cancel

Figure 42 - Deleting Printer

During uninstallation there is the potential that files will be used by another process, if a file is used then the removal of that file will be locked by that application. The user can close the application in question then retry the removal or ignore the file removal.

NICELAD	el	
ons to release the	e	
		Application blocking uninstall.
		L
Betr		

Figure 43 - Removal Blocked

Uninstallation is confirmed in the "Summary" dialog.

nter Installation Wizard		
Summary Operation completed. Please read the summary below.	NiceLabel	
Uninstalling following printer(s) from the system:		Confirmation of
		uninstallation.
	Exit	

Figure 44 - Summary

2.2.4. Remove Preloaded Drivers

The TE Printer Driver can remove previously installed TE drivers¹⁰.

¹⁰ This is not normally necessary as the installation process for the driver should replace the driver that's installed.

Selecting the "*Remove Preloaded Drivers*" option opens the Remove Driver Package option. This dialog should contain all the drivers installed.

ter Installation Wizard			
Remove Driver Package Please choose the driver package system. Select the drivers from the list you want	you want to remove from the Nitter to remove from the system:	iceLabel [°]	
Manufacturer	Version		
TE Connectivity	7.8.10.13762	remove.	
1f file: C:\Windows\inf\oem47.inf			

Figure 45 - Remove Driver Package

Select the driver to remove and selecting "*Next*" initialises the remove process¹¹. When complete the "*Uninstall Driver Package*" dialog confirm the successful removal of the driver and the driver version.

¹¹ The Uninstall Driver Package option only removes the driver installation from the system. To uninstall a driver select Uninstall Printer Driver in the Installation Options.

Figure 46 - Uninstall Driver Package

Uninstallation is confirmed in the "Summary" dialog.

Summary Operation completed. Please read the summary below.	NiceLabel	
Removing following driver package(s) from the system: - TE Connectivity (7.8.10.13762)succeeded.		Confirmation of successful removal of driver.
	Exit	

3. PRINTER DRIVER INSTALLATION FAILURE

If the printer is connected before driver installation or the printer driver installation fails, the plug & play identifier for the printer will be detected. Windows 10 will install the nearest best driver for the printer and list the device as Unspecified in Devices and Printers¹².

Figure 48 - Unspecified Device

Windows 10 employs driver signature enforcement and the probability is that Windows 10 will block an update of the driver.

Select the Unspecified item and right-click to access the context menu. TE recommends the user select "*Remove device*", disconnect the printer and the user carry out the actions in paragraph 2.2 (2.2.1.3 for USB devices)

Figure 49 - Remove Device

It is possible that after correct installation of the printer, when reconnected to the host PC the printer will have two icons; a correct printer icon and an unspecified icon. If this occurs see paragraph 3.1.

¹² Control Panel > All Control Panel Items > Devices and Printers

3.1. Update Driver

TE does NOT guarantee updating the printer driver will work as it is dependent on access privileges and driver signing feature.

It is recommended that the TE Printer Driver be installed on the host PC prior to continuing.

Open the Device Manger¹³ and find the installed device (probably in the "Other devices" group).

Devi	ce manager
File A	ction View Help
	🖬 🔽 📷 💭
~ ∄	
> 4	Audio inputs and outputs
> 🗖	Computer
> _	Disk drives
> 5	Display adapters
> _	DVD/CD-ROM drives
> 1	Firmware
> 🖉	Human Interface Devices
> "	IDE ATA/ATAPI controllers
> 🔤	Keyboards
> (Mice and other pointing devices
>	Monitors
> 🗖	Network adapters
~ 1	Other devices
-	TycoT2212
5	Portable Devices
gure 50	 Device Manager – Other devices

Select the printer to be updated and right-click to access the context menu. In the context menu, select the "Update driver" option.

✓ ↓ Other devices	
Tyc Tyc	Select "Update driver"
> Portab Update driver	option in context menu
> 📮 Ports (C Disable device	option in context menu
> 🚍 Print qu Uninstall device	
> Process	
Scan for hardware changes	
> Software Properties	
> 🕡 Sound, mace and game controllers	
> 🍰 Storage controllers	

The "Update Driver" dialog opens, choose "Browse my computer for driver software" to continue the installation.

¹³ Control Panel > All Control Panel Items > Device Manager

Figure 52 - Search for drivers - "Browse my computer" Option

The "*Update Driver Software*" dialog changes to allow the user to browse to the setup information file. Select "*Let me pick from a list of devices on my computer*" and select "*Next*" to continue the installation.

ř.	Update Drivers - TycoT2212	
	Browse for drivers on your computer	
	Search for drivers in this location:	
	C:\Users\eb011819\Documents V Browse	
	✓ Include subfolders	
1	\rightarrow Let me pick from a list of available drivers on my computer	
	→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.	
	→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.	
	→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.	

Figure 53 - Browse Dialog – "Let me pick" Option

The "Update Driver Software" dialog changes to allow the user to select the device type; choose "Printers" and select "Next" to continue the installation.

Update Drivers - Tyco12212		
Select your device's type from the list below.		
Common hardware types:		
Ports (COM & LPT)	^	
T POS Barcode Scanner		
POS Cash Drawer		
POS HID Magnetic Stripe Reader		
POS Line Display		
POS Receipt Printer		
C= POS Remote Device		
Print queues		Select "Printers" in the
Printers		list of Common
Processors		Hardwara types
Proximity devices		Haluwale types.
SBP2 IEEE 1394 devices		•
	Ť	

Figure 54 - Common Hardware Types

The "*Add Printer Wizard*" dialog opens to allow the user to select the correct Manufacturer and Printer type¹⁴. Select "*Next*" to continue the installation

← ∎ Update Drivers - TycoT2212	2		×	
Add Printer Wizard	urer and	model of your printer. If your printer came with an ins	tallation	
disk, click Have Disk compatible printer.	. If your	printer is not listed, consult your printer documentatio	n for a	Select Manufacturer: <i>TE</i> <i>Connectivity</i> , and printer model to be installed.
Manufacturer Savin TE Connectivity TOSHIBA Tyco Trav	nticode(Printers T 200 Ident Version: 7.8.10.13762 [03/04/2018] T 200 Ident Version: 7.8.40.16076 [04/03/2019] T 212 T 312/Mi Version: 7.8.10.13762 [03/04/2018] T 313/Mi Version: 7.8.10.13762 [03/04/2018] T 313/Mi Version: 7.8.40.16076 [04/03/2010] T 313/Mi Version: 7.8.40.16076 [04/03/2010]	e Disk	
		Next	Cancel	

Figure 55 - Add Printer Wizard

The TE printer driver is digitally signed and authenticate but if Windows detects that the driver is not correct for the process being updated the update will be halted. A warning message will open asking for confirmation before driver installation is initiated. User MUST select "Yes" to continue installation.

¹⁴ If Manufacturer or Printer model are not present, then printer driver not installed. It is recommended that the TE Printer Driver be installed on the host PC prior to commencing update.

Update [)river Warning	×
	Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware will not work correctly and your computer might become unstable or stop working completely. Do you want to continue installing this driver?	
	Yes No	

Figure 56 - Update Driver Warning

If no errors occur a dialog will open stating driver installation complete.

	:	<
~	Update Drivers - T2212	
	Windows has successfully updated your drivers	
	Windows has finished installing the drivers for this device:	
	S T2212	
	Close]

Figure 57 - Installation Complete

If installation successful, the device will move from "*Other*" devices to "*Printers*" and the printer icon will move from "*Unspecified*" to "*Printers*".

4. ADD PRINTER WIZARD

The Devices and Printers $\leftarrow \rightarrow \checkmark \uparrow$ The Sources

$\leftarrow \ \rightarrow \ \star \ \uparrow$	Resolution Panel > All Control Panel Items > Devices and Printers >
Add a device	Add a printer

Figure 60 - Add a Printer

If the "Add a Printer" option in the "Devices and Printers" does not include the required TE printer select "The printer I want wasn't listed" option.

Add a device		×
Choose a device or printer to add to this PC Select a device		
GB0000000 (Designjet T795 44in)lin) Printer P0000000 (LaserJet 600 M601) Printer		
DIRECT-14-4520 series Printer		
The printer that I want isn't listed		
Next	Ca	incel

Figure 61 - Add a Printer

The "Add Printer" dialog contains options on how to connect to the printer, these are specific to the user and TE cannot advise how the user connect to their printer. If the user is unsure of their printer connection TE recommends selecting "Add a local printer or network printer with manual settings"

←	🖶 Add Printer	>
	- Find a printer by other options	
	 <u>Find a printer in the directory, based on location or feature</u> 	
	○ <u>S</u> elect a shared printer by name	
	B <u>r</u> owse	
	Example: \\computername\printername or http://computername/printers/printername/.printer	
	○ Add a printer using a TCP/IP address or hostname	
	O Add a Bluetooth, wireless or network discoverable printer	
	Add a local printer or network printer with manual settings	
	Next Cance	4

Figure 62 - Find Printer

If the user knows the port the printer will connect to then select the port from the list of existing ports. If the user is expecting to connect the printer via USB then unless the port has already been enumerated by the host PC the USB will not appear in the drop-down list. If the port does not appear in the list of existing ports TE recommends selecting LPT1 as the default port as the port can be changed at a later date.

÷	🖶 Add Printer		×
	Choose a printer port A printer port is a type of connecti	on that allows your computer to exchange information with a printer.	
	Use an existing port:	LPT1: (Printer Port)	
	○ <u>C</u> reate a new port:		
	Type of port:	Advanced Port Monitor	
		<u>N</u> ext Cancel	

Figure 63 - Add Printer

If the user has installed the latest TE printer driver then TE will be included in the Manufacturer list. If the list includes "*Tyco*" then the user has an old TE printer driver installed. TE recommends

the use of the latest TE drivers unless the user is install an "Old" printer model not supported by the latest printer driver¹⁵.

÷	🖶 Add Printer		×	
	Install the printer driver	the list. Click Windows Update to see	more models.	
	To install the driver from a	in installation CD, click Have Disk.		Select Manufacturer
				and Printer to add.
	Manufacturer TE Tyco	Printers	^	
	TOBASHI TOSHABI	GT3224 GT6112DS	~	
	This driver has an Authenticod Tell me why driver signing is in	e(tm) signature. <u>W</u> indows Up nportant	odate <u>H</u> ave Disk	
			Next Cancel	

Figure 64 - Install Printer Driver

If the Manufacture list does not contain "TE" then it is recommended that the user cancels the "*Add Printer*" wizard and installs the printer via the Printer Driver Installation, see paragraph 2.0. If the user must continue the installation see paragraph 5.0.

If the user already has a driver installed for the target printer Windows will inform the user. Unless the user knows which driver version they have installed TE recommends the user "*Replace the current drive*" option

¹⁵ Contact the local TE Field Support agent if advice is needed on printer's models and driver's versions.

		×
←	Hadd Printer	
	Which version of the driver do you want to use?	
	Windows detected that a driver is already installed for this printer.	
	\bigcirc Use the driver that is currently installed (recommended)	
ſ	Replace the current driver	
	Next Cancel	1
		_

Figure 65 - Replace Driver

Based upon the user selection a printer name will be offered by the installation wizard.¹⁶

÷	🖶 Add Printer	×	
	Type a printer name Printer name: [T3212 (Copy 1)]		Default printer name entered by system. ¹³
	This printer will be installed with the T3212 driver.		
	Next	Cancel	

Figure 66 - Printer Name

Selecting "*Next*" initialise the installation, on completion the "*Add Printer*" wizard opens the "*Printer Sharing*" dialog. By default, the "*Share this printer*" option is selected. Unless the user has networked the printer then there is no need to share the printer, select "*Do not share this printer*."

¹⁶ Printer name is fully editable and can be given any name. If wizard detects printer already installed a (Copy) name will be appended to the default name.

🔶 🖶 Add Printer	×
Printer Sharing	
If you want to share this a new one. The share na	printer, you must provide a share name. You can use the suggested name or type me will be visible to other network users.
Do not share this print	ter
○ <u>S</u> hare this printer so t	hat others on your network can find and use it
S <u>h</u> are name:	T3212 (Copy 1)
Location:	
<u>C</u> omment:	
	<u>N</u> ext Cancel

Figure 67 - Printer Sharing

On selecting "Next" the installation is complete

		Х
~	land Add Printer	
	You've successfully added T3212 (Copy 1)	
	Set as the default printer	
	To check if your printer is working properly, or to see troubleshooting information for the printer, print test page.	3
	Print a test page	
	<u>F</u> inish Cance	

Figure 68 - Summary

User Guide

5. ADD PRINTER MANUALLY

If in the "Add Printer Wizard." the list of manufactures does not include "TE" select "Have Disk" to continue the installation.

					×				
←	🖶 Add	Printer							
	Install	the printer driver							
	3	Choose your printer from the list. Click Windows Update to see more models.							
		To install the driver from	n an	installation CD, click Have Disk.					
	Manuf	acturer	^	Printers A	7				
	Lexma	rk		Given Stranger Strang					
	Micros	oft		Microsoft IPP Class Driver					
	OKI			Microsoft MS-APS Class Driver 2					
	BICOL		¥						
	📮 Th	is driver is digitally signed		<u>W</u> indows Update <u>H</u> ave Disk	J				
	Tell me why driver signing is important								
			_	<u>N</u> ext Cancel					

Figure 69 – Update Driver Software

The "*Locate File*" dialog opens to allow the user to select the device type; the driver can be downloaded from the TE Label Printing Software page (www.te.com/wintotal) and saved to a local directory or found in the directories of the Printer CD's.

Figure 70 – CD directory structure

Browse to the TE.Inf file and select "Open"

This will spawn an "Install From Disk" pop-up, selecting "OK" starts driver installation

Install Fr	om Disk	×
	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from: C:\Temp\TE_Print_Drivers	Browse

Figure 71 – Install from file

The "*Install Printer Driver*" opens and compatible hardware should be displayed. Selecting "*Next*" commence driver installation.

÷	🖶 Add	Printer		×
	Install	the printer driver		
	S	Choose your printer from the list. Click Wind To install the driver from an installation CD, o	ows Update to see more mo	odels.
	Printer CT20 T21 T31 CT32 CT32	rs 10 Ident 2Mi 12 24		^
	Th Te	is driver has an Authenticode(tm) signature. Il me why driver signing is important	<u>W</u> indows Update	<u>H</u> ave Disk
				Next Cancel

Figure 72 – Add Printer Wizard

The TE driver is digitally signed but if a *Windows Security* dialog opens, selecting "*Install this driver software anyway*" will continue the installation.

Figure 73 – Windows Security

The "*Update Driver Software*" dialog changes to show file uploading and progression, no user action is required, see Figures 74-77 for intermediate dialogs and actions.

Once the installation is complete a "*successful update*" message will be displayed, selecting "*Close*" completes the installation procedure.

		\times
÷	land Add Printer	
	You've successfully added T3224 (Copy 1)	
	Set as the <u>d</u> efault printer	
	To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.	
	Print a test page	
	<u>F</u> inish Cancel	

Figure 74 – Summary

If an Installation failure message appears; ensure that adequate Administration privileges are set so installation can be completed.

6. CONFIRMING DRIVER INSTALLED

Installation of the driver can be confirmed by opening the "Devices and Printers"¹⁷ dialog.

Figure 75 – Windows 7 & 8 Printers and Faxes – Windows 10 Devices and Printers

Select the printer by left-clicking the mouse over the item and then right-click the highlighted item to open the context menu

Selecting "Printer properties" opens the properties dialog.

¹⁷ Windows 10 only; in earlier Windows OS printers were located in: "Printer and Faxes" dialog

CLASS 1- Public

	.							
eneral	Sharing	Ports	Advanced	Color Management	Security	Driver Settings	About	
3	Г	T200 Id	ent					
	L							
Locati	on:							
Comm	nent: [
<u></u>								
	L							
Model	l:	1200 Ide	ent					
Colo	or: No			Paper availabl	e:			
Dou	uble-sideo	l: No		Custom		^		
Stap	ole: No							
Spe	ed: Unkn	own						
Max	amum re	solution	: 300 dpi			~		
			Pr	eferences	Print	Test Page		
						y-		
					01/		Annha	Lisla

Selecting the "Ports" tab will show which USB port has been created for this printer:

	Advanced Colour Manag	ement Security Driver Se	ettings
T200 Iden	ŧ		
rint to the following necked port.	port(s). Documents will pri	nt to the first free	
Port.	Description	Brinter	~
POIL	Description	Printer	2020
	1/	T20011 + D + I	
USB001	Virtual printer port for	1200 Ident Printer	
USB001	Virtual printer port for	T200 Ident Printer	
USB001 USB002 100.10.10.112	Virtual printer port for Virtual printer port for Standard TCP/IP Port	T200 Ident T200 Ident TE3112 IP.100.10.10.112	
USB001 USB002 100.10.10.112 100.10.10.124	Virtual printer port for Virtual printer port for Standard TCP/IP Port Standard TCP/IP Port	T200 Ident Printer T200 Ident TE3112 IP.100.10.10.112 TE3124 IP.100.10.10.124	
USB001 USB002 100.10.10.112 100.10.10.124 100.10.10.138	Virtual printer port for Virtual printer port for Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port	T200 Ident Printer T200 Ident TE3112 IP.100.10.10.112 TE3124 IP.100.10.10.124	
USB001 USB002 100.10.10.112 100.10.10.124 100.10.10.138 100.10.10.16	Virtual printer port for Virtual printer port for Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port	T200 Ident Printer T200 Ident TE3112 IP.100.10.10.10.112 TE3124 IP.100.10.10.124	
USB001 USB002 100.10.10.112 100.10.10.124 100.10.10.138 100.10.10.16 <	Virtual printer port for Virtual printer port for Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port	T200 Ident Printer T200 Ident TE3112 IP.100.10.10.112 TE3124 IP.100.10.10.124	~
USB001 USB002 100.10.10.112 100.10.10.124 100.10.10.138 100.10.10.16 <	Virtual printer port for Virtual printer port for Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port Standard TCP/IP Port	T200 Ident Printer T200 Ident TE3112 IP.100.10.10.112 TE3124 IP.100.10.10.124	~

Reselecting the "*General*" tab allows the user to give the printer a unique name that will assist in later identification in WinTotal software:

Figure 79 - Properties – General

On the selection of "*OK*" the Printer Properties dialog closes and all changes are reflected in the Printers and Faxes page.

Figure 80 - Printer and Faxes

Figure 81 - Dual Branded Driver