



**Transportation Coordinators' – Automated Information for Movements System II
(TC-AIMS II)
Standalone and Networking Zebra ZT510 Label Printers –
Printer Installation Instructions**

Version 1.0

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REVISION HISTORY			
REVISION	DATE	OWNER	SUMMARY OF CHANGES
v1.0	02/06/2019	W. Wood	Initial Draft

1 Introduction

This document provides instructions for installation of printer drivers for the Zebra ZT510 label printers used with the Transportation Coordinators' – Automated Information for Movements System II (TC-AIMS II) application. The instructions provided in this document include Universal Serial Bus (USB) and network connections only since most newer laptops do not have Serial or Parallel ports.

1.1 Installation General Information

In order to network any printer, a successful installation of printer driver must be completed on the host computer sharing the printer. There are two ways to install the print server depending on the expertise of the person performing the installation.

1. Use Windows devices installation wizard and the provided Digital Versatile Disc (DVD) media.
2. Use the Zebra Technology Utilities Software which can be downloaded from the following link: <https://www.Zebra.com/us/en/support-downloads/>.

1.2 Pre-Installation Requirements

1. Sufficient user rights are required for the Systems Administrator to install and configure the printer and allow the installation shield to download the software required for the printer to print labels both locally and on the network.
2. Obtain an Internet Protocol (IP) address (i.e. 10.10.203.121), a Subnet Mask (i.e. 255.255.255.0), a Default Gateway (i.e. 10.10.203.1.), and the Domain Name Server IP (i.e. 10.202.202.20) from the local network administrator to physically assign to the printer following Information Assurance regulations.
3. Pre-configure the printer for Dynamic Host Configuration Protocol (DHCP) using the instructions provided by Zebra for the printer to pull the IP address automatically.

2 Printer Driver Installation Instructions

1. Copy the **zsu-119120.exe** from the Zebra ZT510 installation CD.
2. Double click the **zsu-1191260.exe** or the one downloaded from the Zebra website (see Section 1.1 above).
3. A message displays **Do you want to allow this App to make changes to your device?**
4. Select **Yes**.
5. Another brief message will display, followed by the **Zebra Setup Utilities – InstallAware Wizard** (Figure 1).

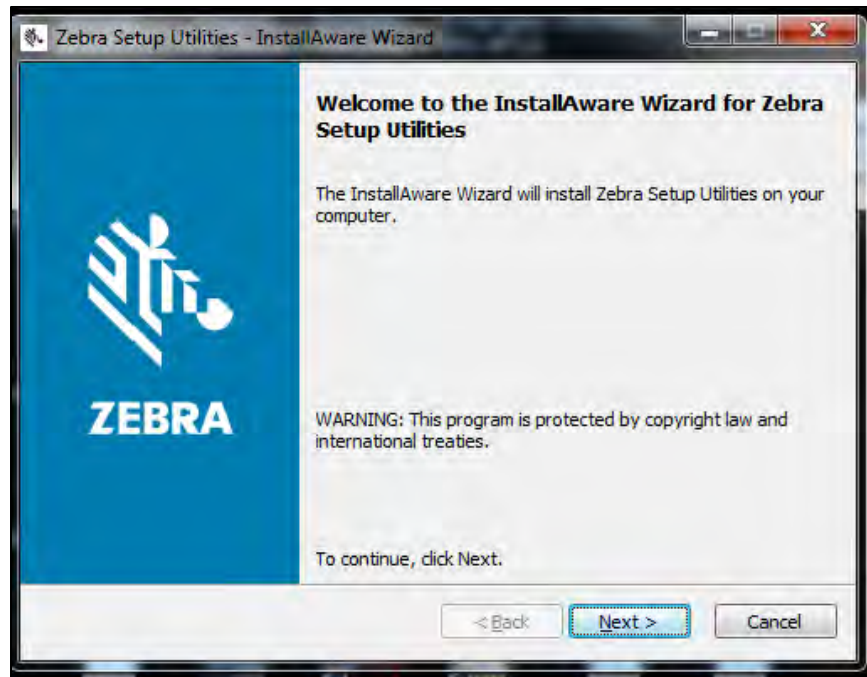


Figure 1: Zebra Setup Utilities - InstallAware Wizard

6. Click **Next**.

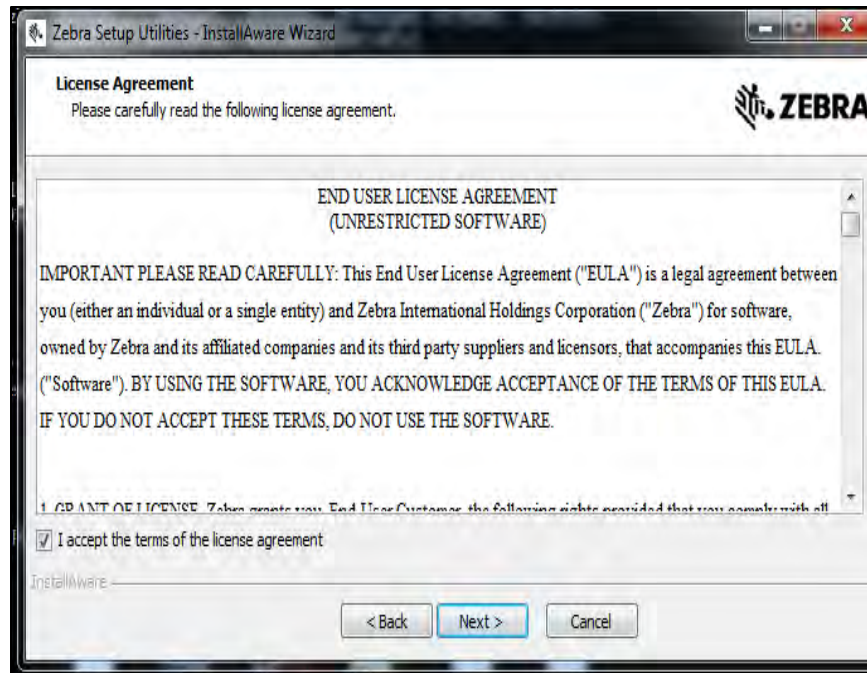


Figure 2: License Agreement

7. The **License Agreement** window displays (Figure 2: License Agreement).

- Place a check mark in the box that indicates **I accept the terms of the license agreement** and click **Next**.

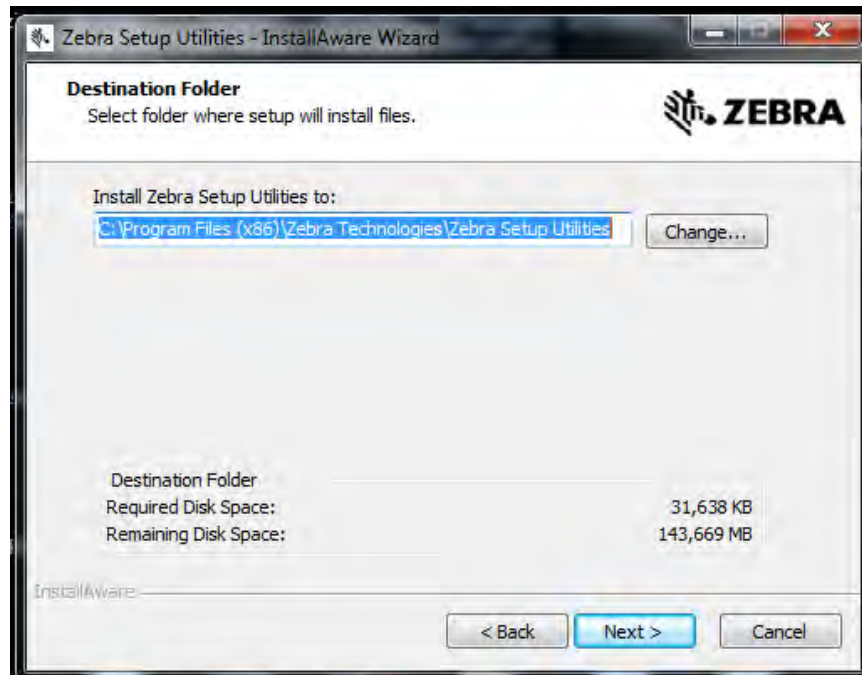


Figure 3: Destination Folder

- The **Destination Folder** window displays (Figure 3).
- Accept the default location and click **Next**.

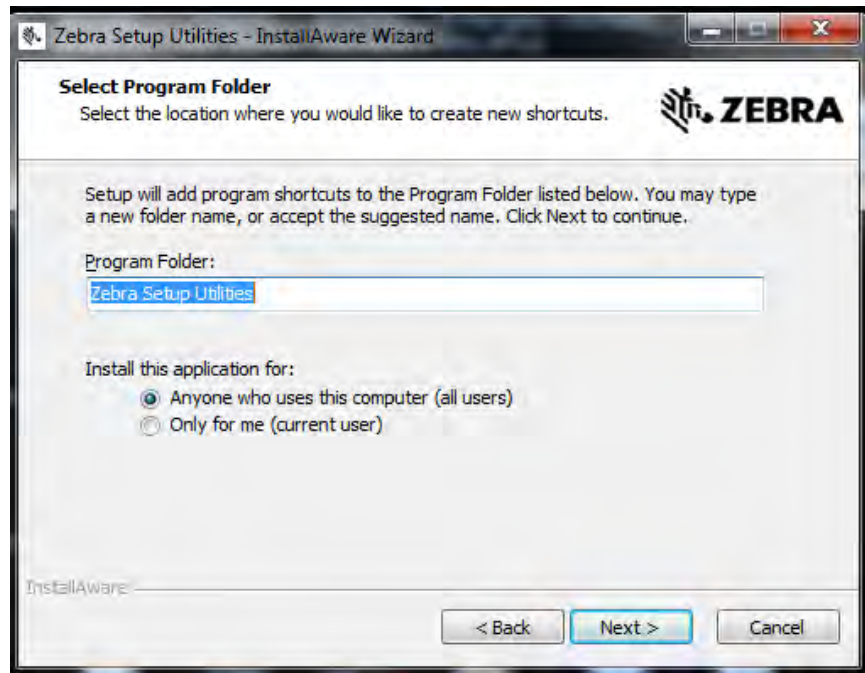


Figure 4: Select Program Folder

11. The **Select Program Folder** window displays (Figure 4).
12. Accept the defaults and click **Next**.

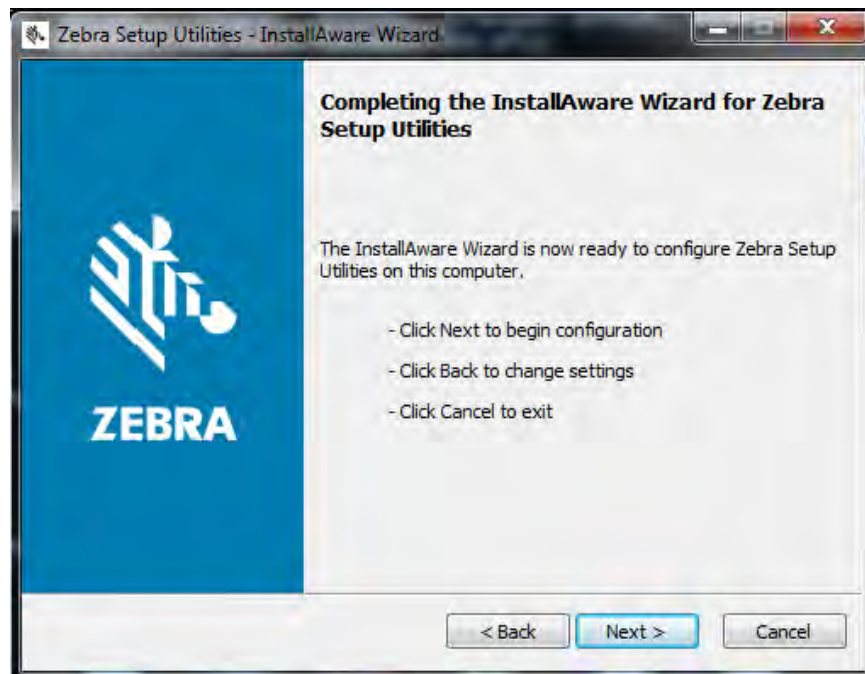


Figure 5: Completing the InstallAware Wizard

13. The **Completing InstallAware for Zebra Setup Utilities** window will display (Figure 5).

14. Click **Next**.

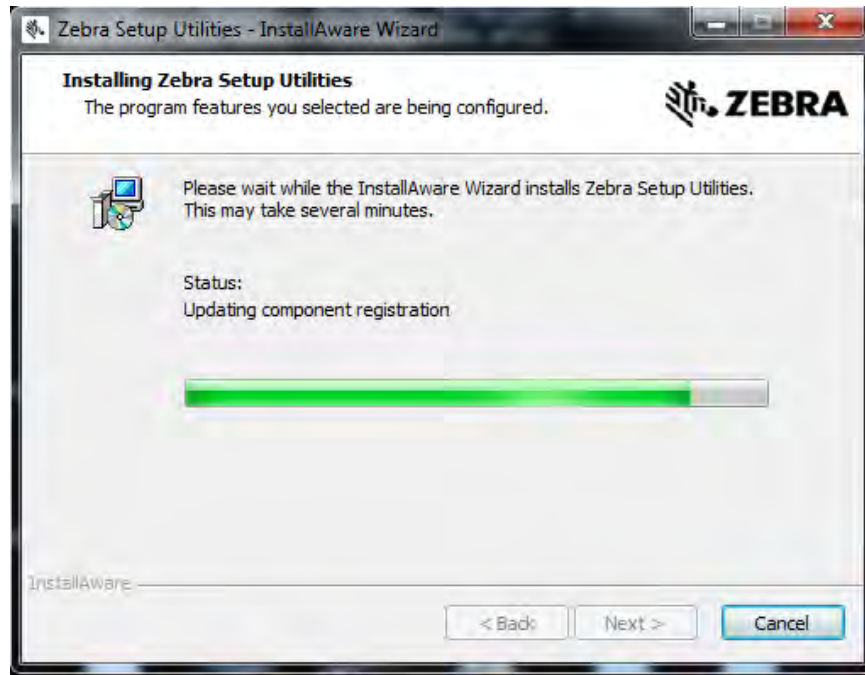


Figure 6: Installing Zebra Setup Utilities

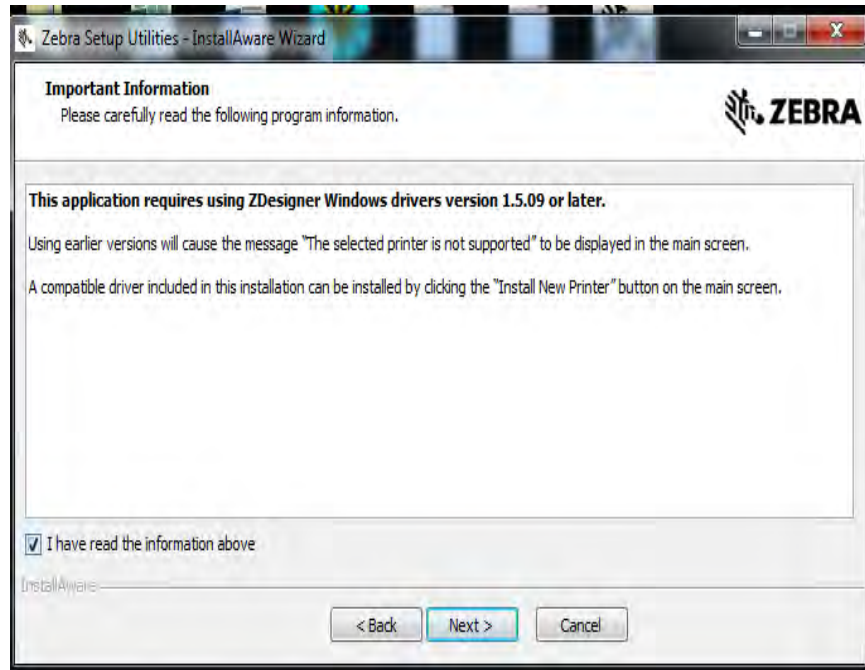


Figure 7: Important Information

15. Place a check mark in the box that indicates **I have read the information above** (Figure 7) and click **Next**.

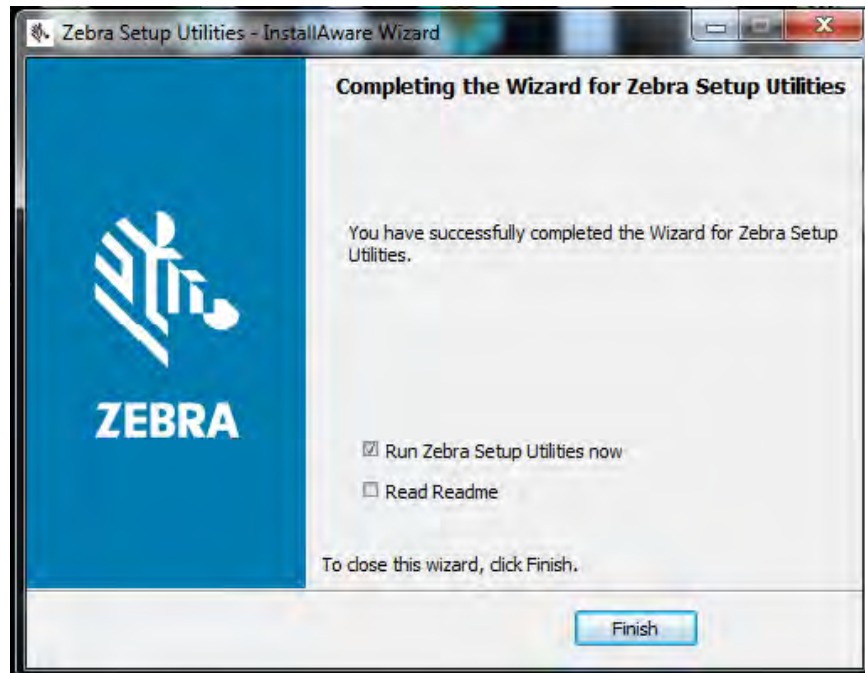


Figure 8: Completing the Wizard

16. Place a check mark in the box that indicates **Run Zebra Setup Utilities now** (Figure 8) and click **Finish**.

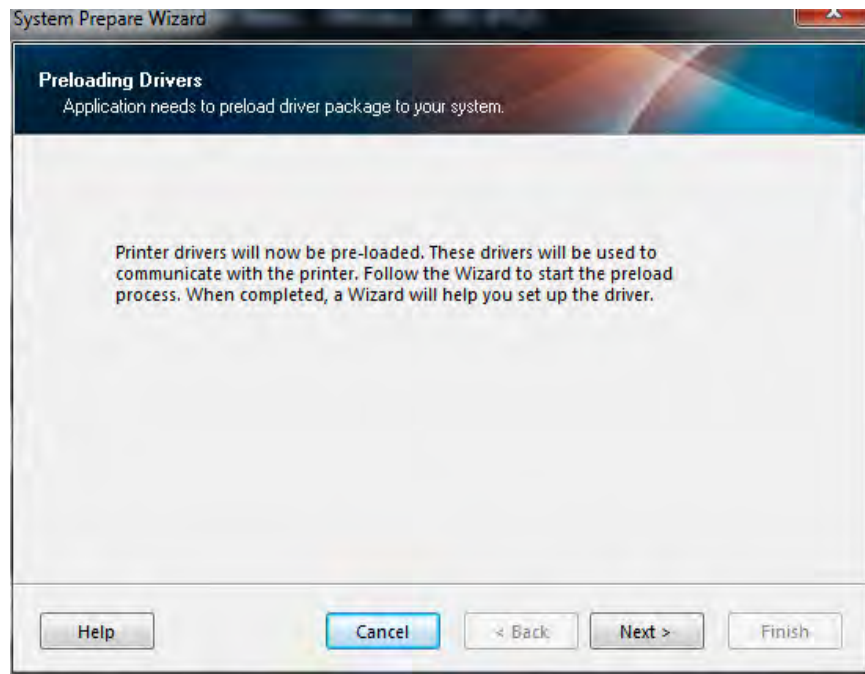


Figure 9: Preloading Drivers

17. The **Preloading Drivers** window is displayed (Figure 9).

18. Click **Next**.



Figure 10: Preinstall Driver Package

19. The **Preinstall Driver Package** window is displayed (Figure 10) followed by the **Printer Driver** window (Figure 11).

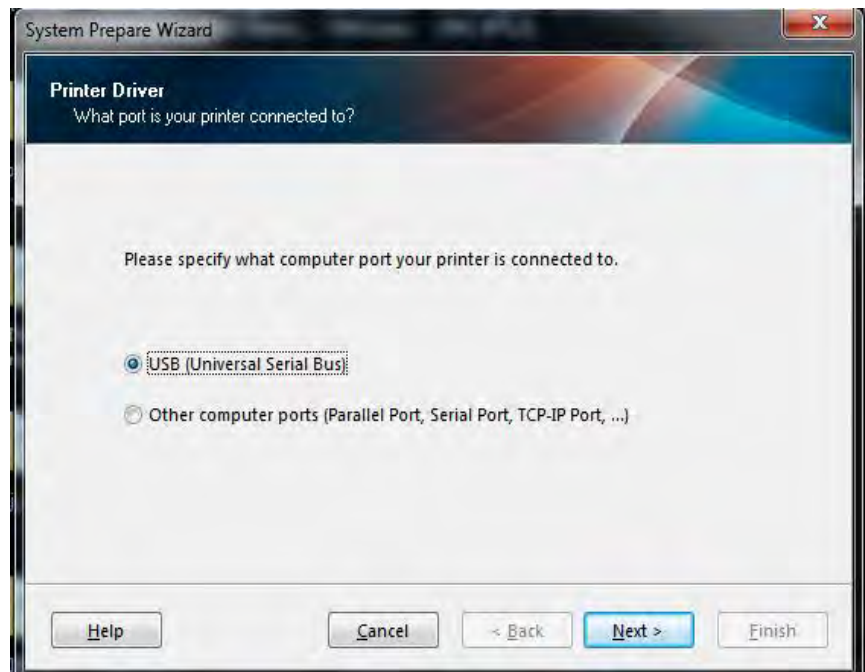


Figure 11: Printer Driver

20. Choose either **USB (Universal Serial Bus)** or **Other computer ports (Parallel Port, Serial Port, TCP-IP Port, ...)** (Figure 11) to identify the computer port used to connect to the printer.
21. Make sure the printer is turned on and a USB cable is attached before proceeding.
22. Click **Next**.



Figure 12: Install Printer Driver

23. Click **Finish** (Figure 12).
24. Click **Close**.

3 Networking Zebra Label Printers Instructions

Please Note: An IP address must be obtained from the local network administrator in order to complete this process. For the purposes of these instructions, IP address 10.10.203.121 is used, but the IP address provided by the local network administrator should be used during this process.

1. Click on **Start** and **Settings** to access the **Printers & Scanners** window.
2. Click on **Add a printer or scanner** to begin the add printer wizard.

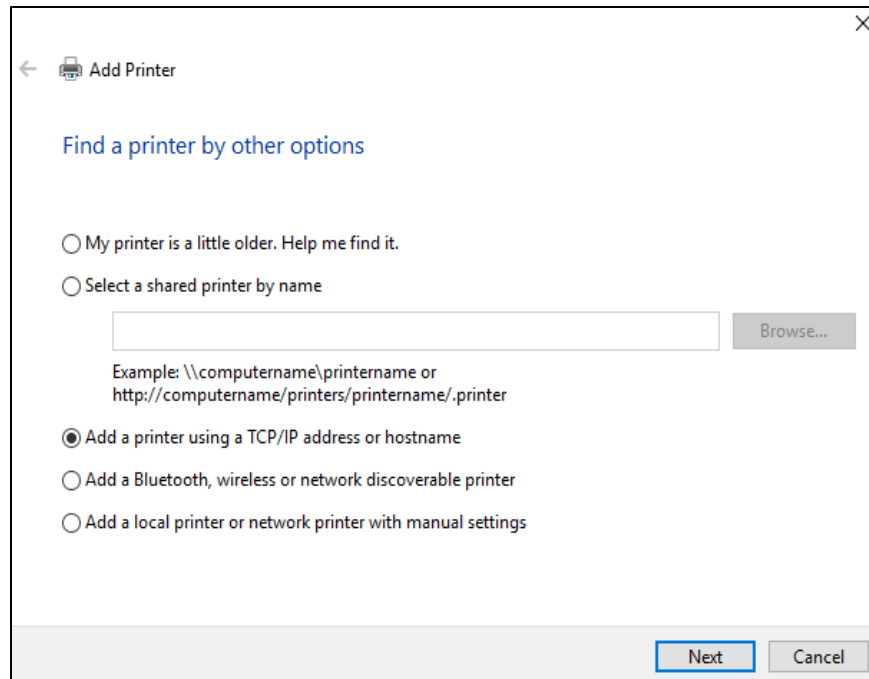


Figure 13: Add Printer

3. Select **Add a printer using a TCP/IP address or hostname** option and click **Next** (Figure 13).

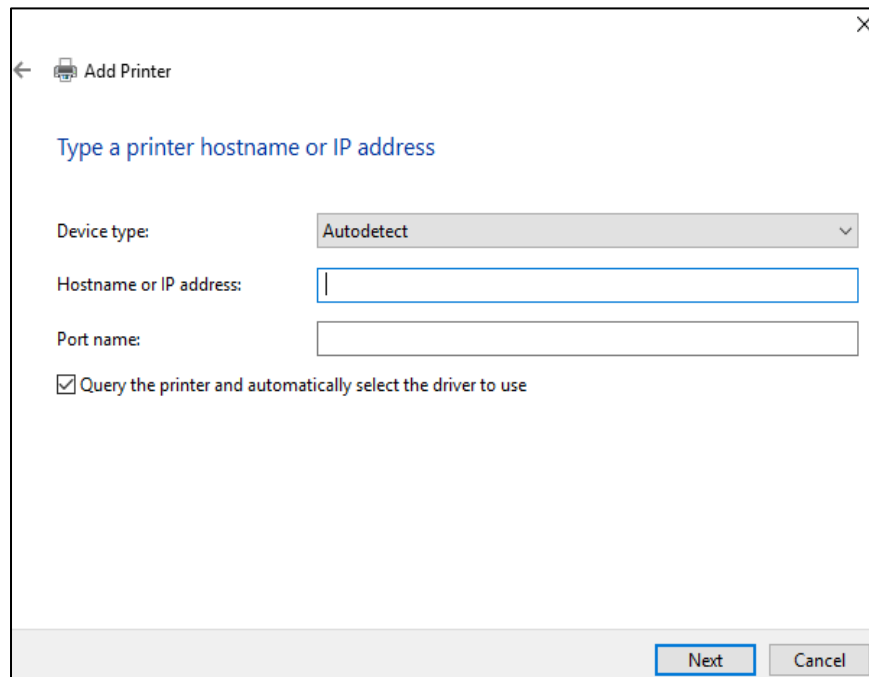


Figure 14: Printer Hostname or IP Address

4. Type in the IP address obtained from the network administrator in the **Hostname or IP address** data field (Figure 15).
5. Click **Next**.

The screenshot shows a Windows-style dialog box titled "Add Printer". At the top left, there is a back arrow and a printer icon. Below that, the text "Type a printer hostname or IP address" is displayed in blue. The form contains three input fields: "Device type" with a dropdown menu showing "Autodetect", "Hostname or IP address" with the text "10.10.203.121", and "Port name" with the text "10.10.203.121". Below these fields is a checked checkbox labeled "Query the printer and automatically select the driver to use". At the bottom right, there are two buttons: "Next" and "Cancel".

Figure 15: Printer IP Address

6. Click **Next**.

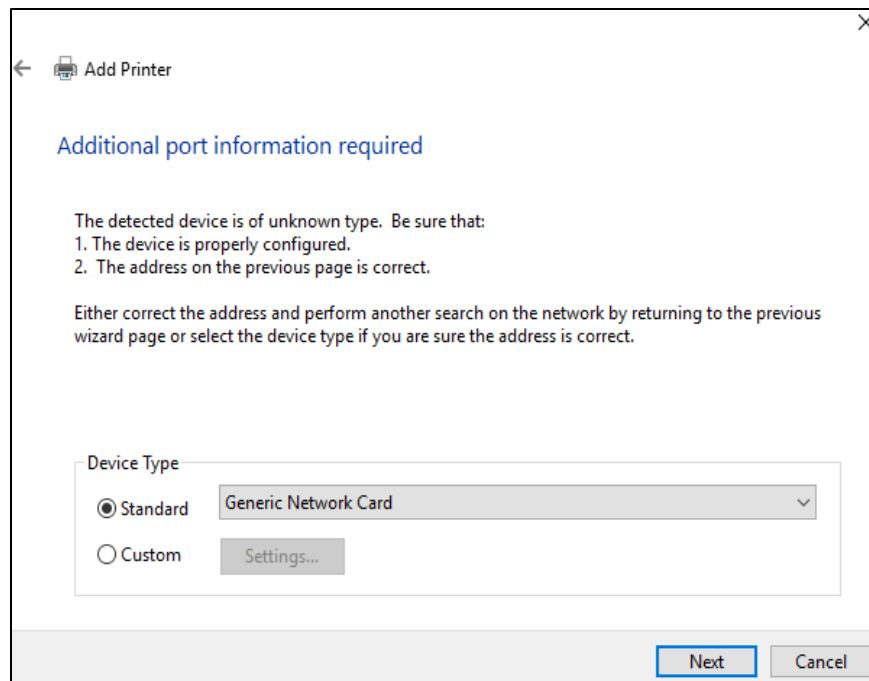


Figure 16: Additional Port Information Required

7. As indicated in Figure 16, ensure the device is properly configured, and the IP address entered on the previous screen is correct.
8. Click **Next**.

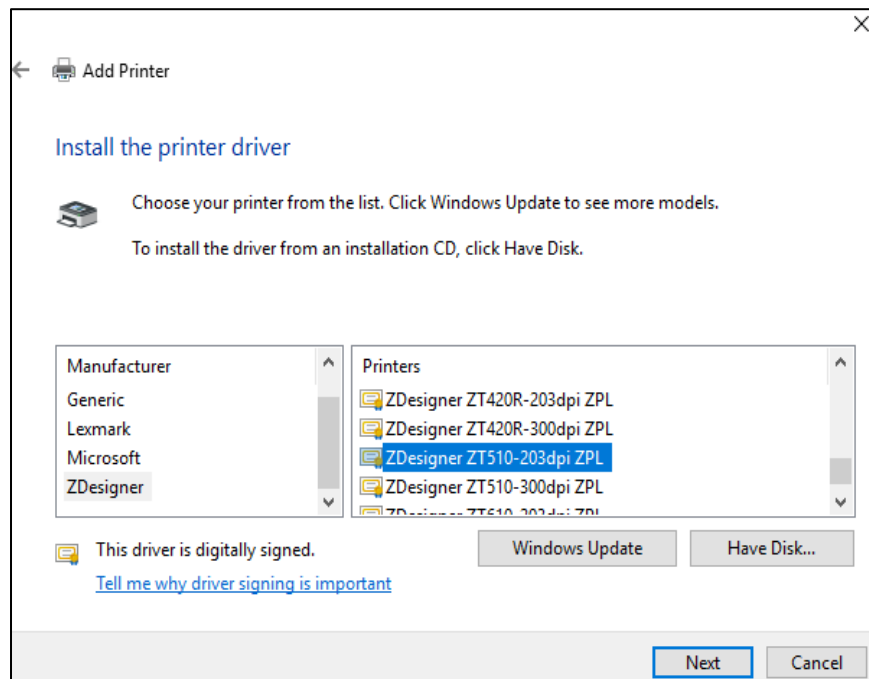


Figure 17: Install the Printer Driver

9. Select ZDesigner in the manufacturer windows to view the model number of the printer (Figure 17).
10. Highlight **ZDesigner ZT510-203dpi ZPL** and click **Next** to proceed (Figure 17).

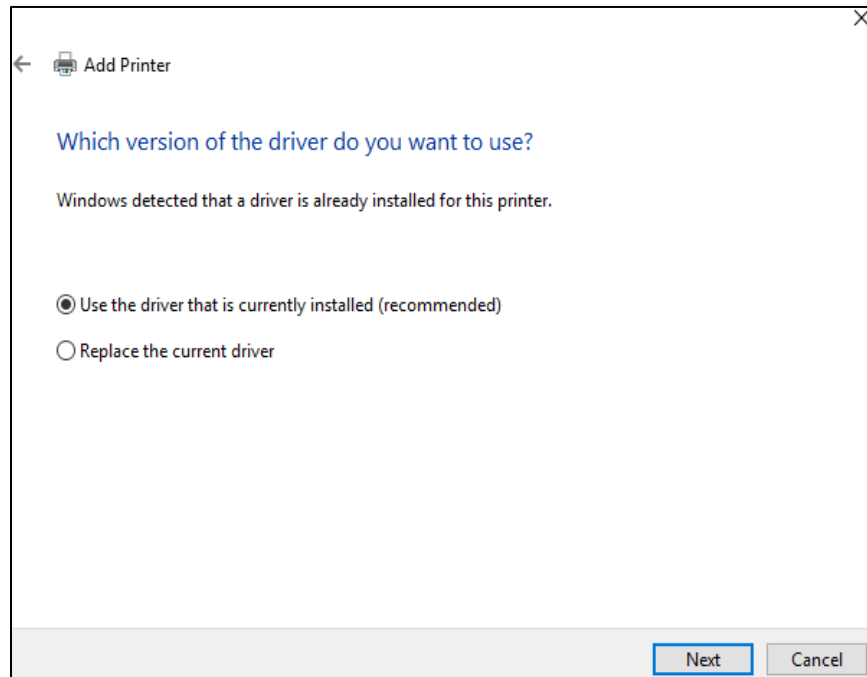


Figure 18: Which Driver Version to Use

11. Select **Use the driver that is currently installed (recommended)** and Click **Next** (Figure 18).

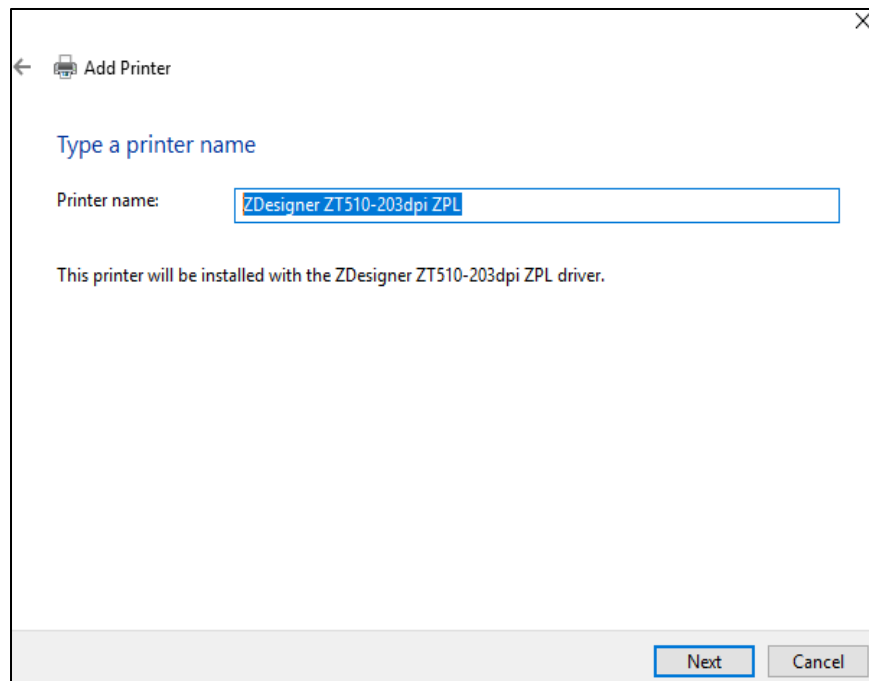


Figure 19: Type a Printer Name

12. The default Printer name will display in the **Printer name:** box (Figure 19).

13. Click **Next** (Figure 19).

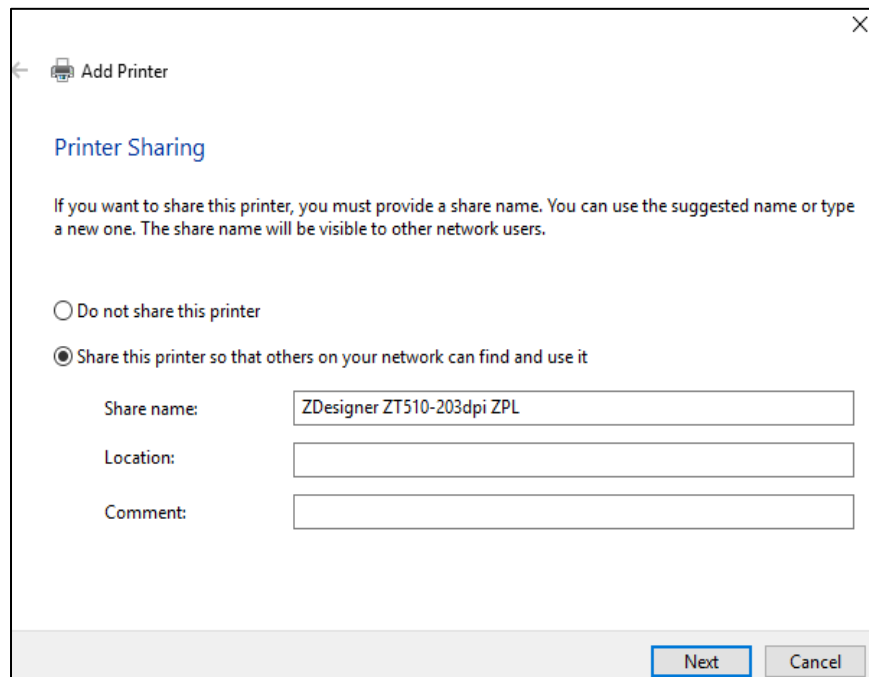


Figure 20: Printer Sharing

14. If you want to share the printer on your network, you will want to verify the **Share name:** appears as you want. You can either leave it as the default, or rename the printer which will appear as a network printer (Figure 20).

15. Click **Next**.

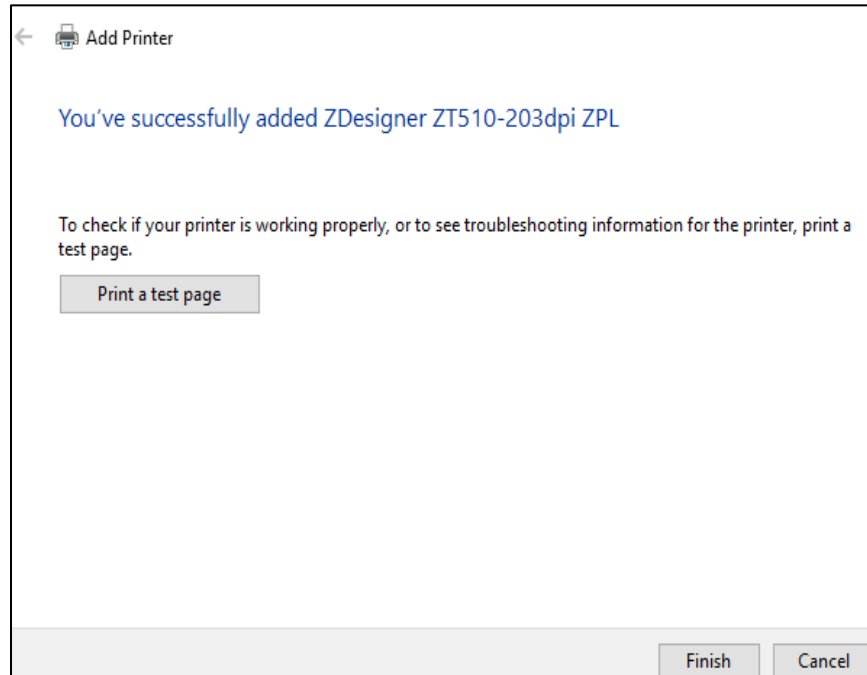


Figure 21: Add Printer Success

16. Click **Finish** to complete adding the printer to the network (Figure 21).

17. View the added printer in the **Printers and Scanners** screen (Figure 22).

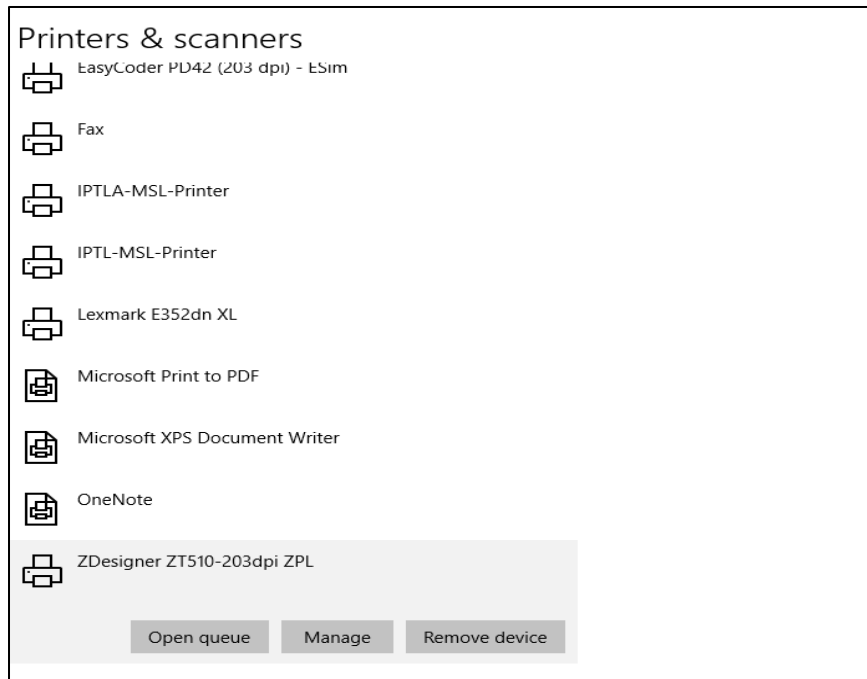


Figure 22: Printers and Scanners

18. Close the window using the **X** on the far-right upper corner of the window.