

KYOCERA TA-9003 Windows Protected Print User Guide

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KYOCERA TA-9003 Windows Protected Print User Guide

KYOCERA TA-9003 Windows Protected Print

Version 1.0
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KYOCERA Document Solutions America

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Revision History

Date	Version	Description	Author
01/2025	1.0	English Version	KDA Engineering (Mark DeSarno)

Overview

What is Microsoft Protected Print

Windows Protected Print Mode (WPP) is a secure method to print documents for Windows. WPP utilizes the

Internet Printing Protocol (IPP). It's designed to reduce the risk of data breaches by utilizing Windows OS driver technology, eliminating the need for outside third-party drivers and less secure communication ports. Other benefits include:

- All manufacturers utilize the same driver
- Greatly Reduced support and management resources for printer output workflow.
- Printer Drivers updates for functionality and security are automatically applied.

Architecture:

If an enterprise decides to move all their printer fleet to WPP printing, all existing printer devices currently installed utilizing 3rd Party drivers that are not Windows Modern Print Stack compliant (WPP, MS Universal Print, Embedded OS) will be automatically removed after the device is set by an administrator to WPP and the PC is restarted.

Listed are some of the Kyocera drivers that will be removed:

KX Driver

Kyocera Universal Driver (Full and Type 4)

PCL Mini Drivers

KPDL Mini Driver

Kyocera Network Fax Driver

PDF Print Drivers (Except Microsoft PDF printer)

Note: Kyocera TWAIN Driver is still operational for scanning.

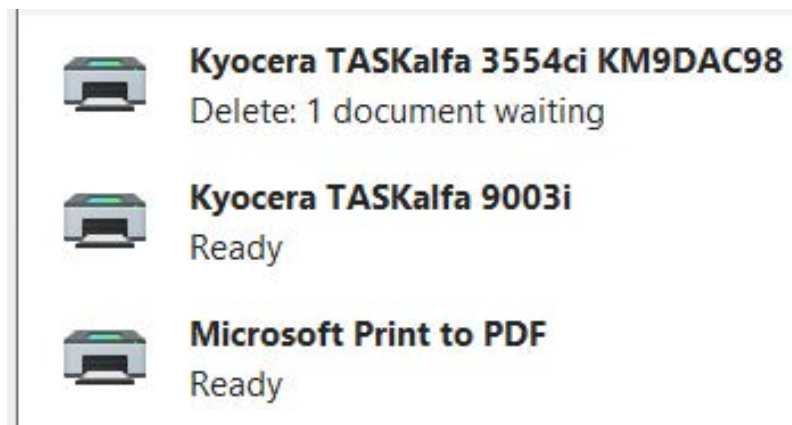
Windows 11 accessible printer impact

Before enabling WPP

- Kyocera KX & Fax Driver are selectable
- Adobe PDF Print

After enabling WPP and restarting the PC

- Added Devices: WPP TA-9003i
- Added MS Universal Print TA-3554ci
- MS Print to PDF



Enable WPP On PC and Setup Printer MFP

This section explains how to set up the WPP environment and how to use its functionality.

Administrator Checks:

- The Windows 11 OS requires version 24H2 or later installed for the feature.
- Access to the Local Group Policy Editor feature.
- Ensure the print devices can directly communicate to the Windows 11 PC on the network.

Note: Windows 11 22H2 level update will not operate WPP correctly and recovery out of WPP may not be possible. Do not activate WPP if the device at 22H2

Prepare the User Windows 11 PC

In order to use WPP you need to prepare following environment.

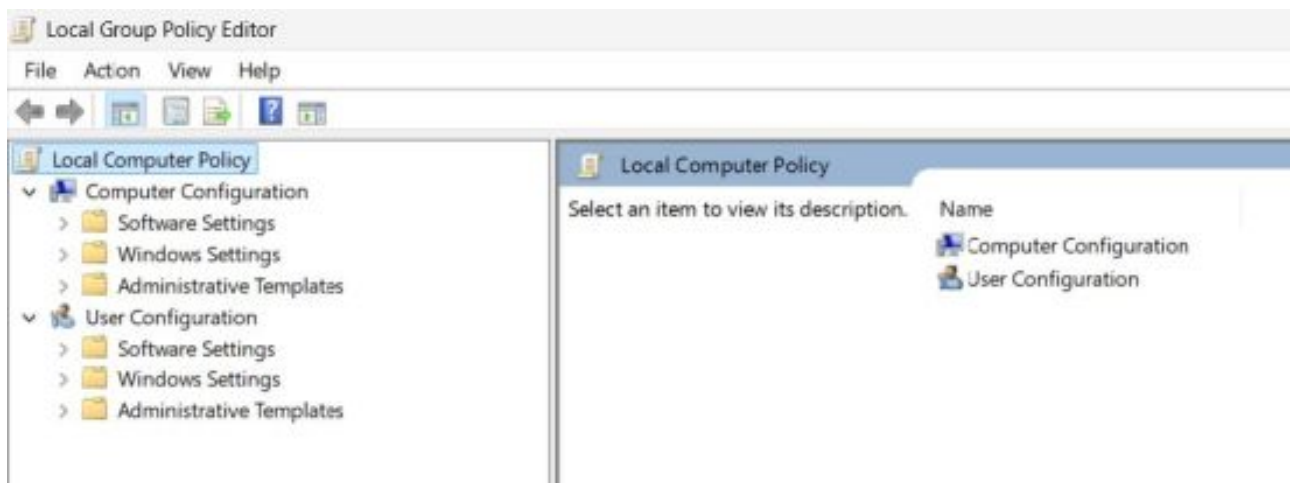
Item	Name	Description
1	PC	PC's Windows11 version must be 24H2 or later
2	Communication	Ensure the print devices are online can directly communicate to the Windows 11 PC in the network.
3	Administration	Requires access to the Local Group Policy Editor feature

Enabling WPP

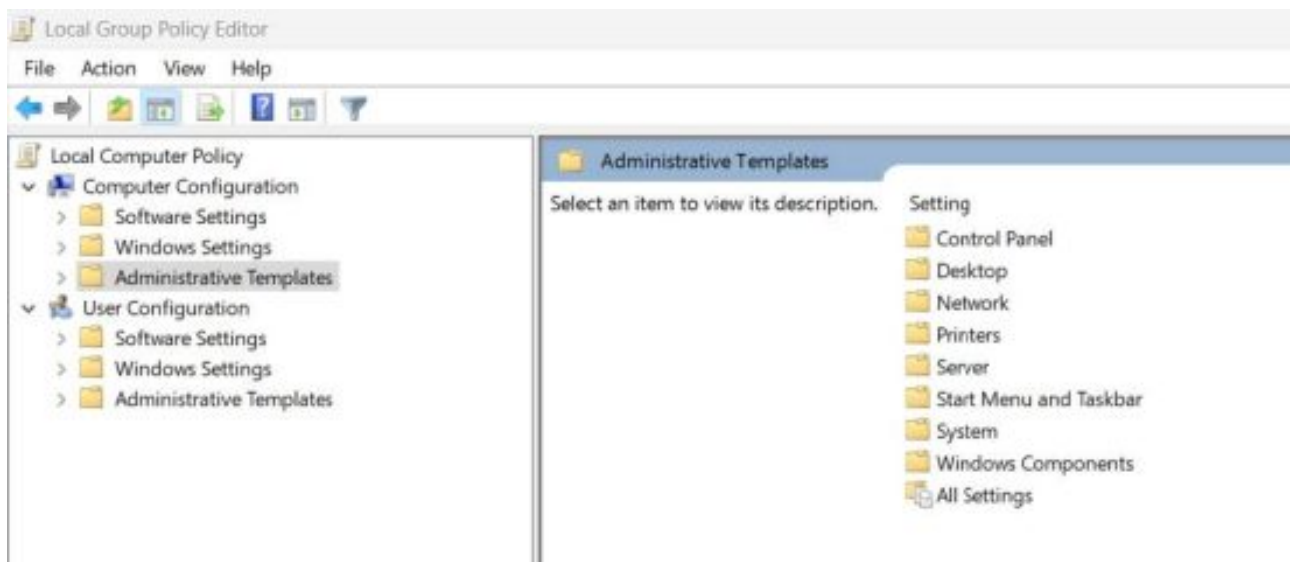
It is recommend the activation is performed by an administrator from the Local Group Policy Editor so end users are not able to accidentally disable from setting screen.

To enable WPP by following the next set of steps.

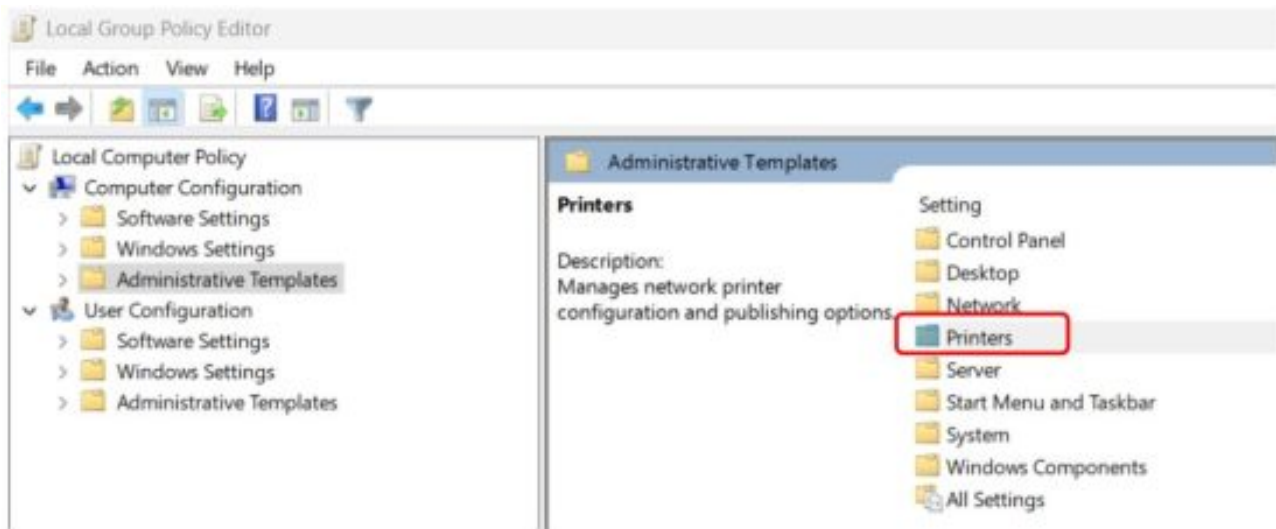
Open Local Group Policy Editor



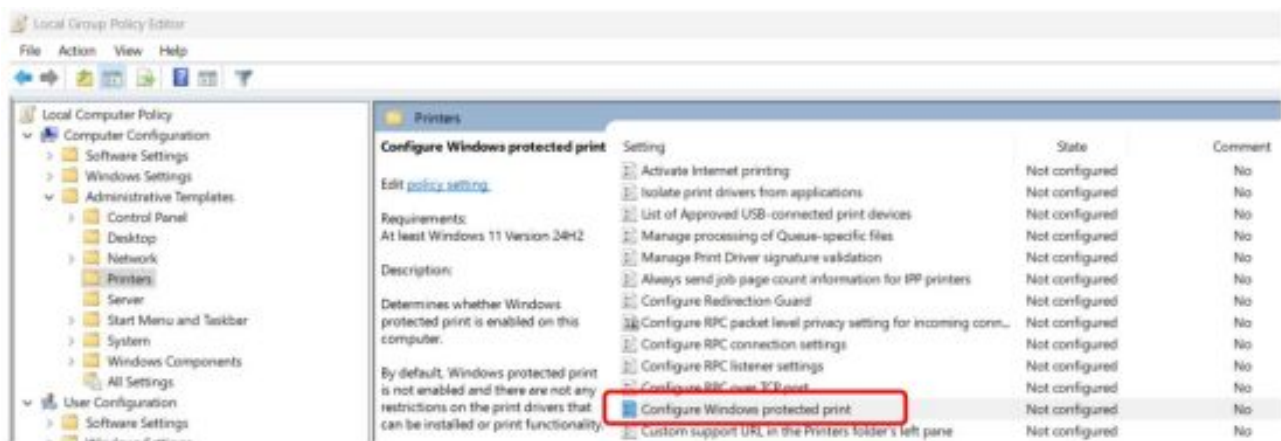
Select Administrative Templates



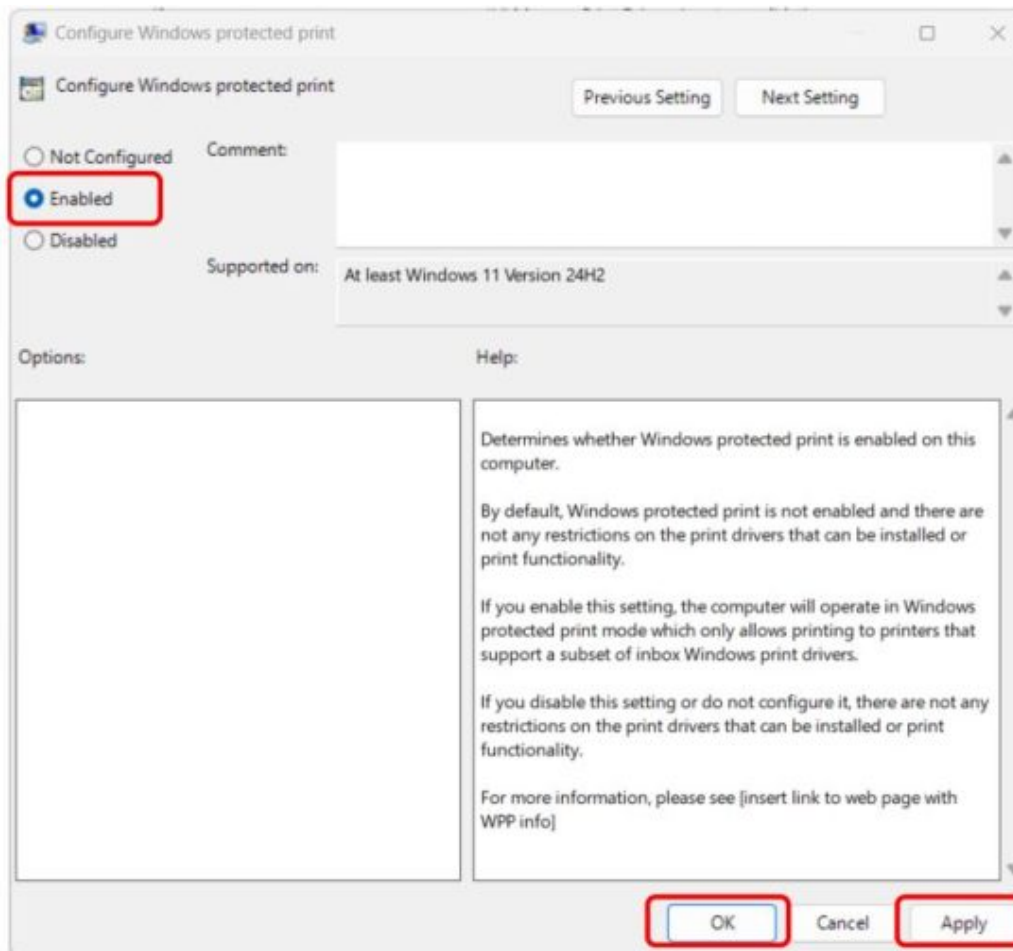
Select Printers



Inside of Printers Setting Tab down and select Windows Protected Print



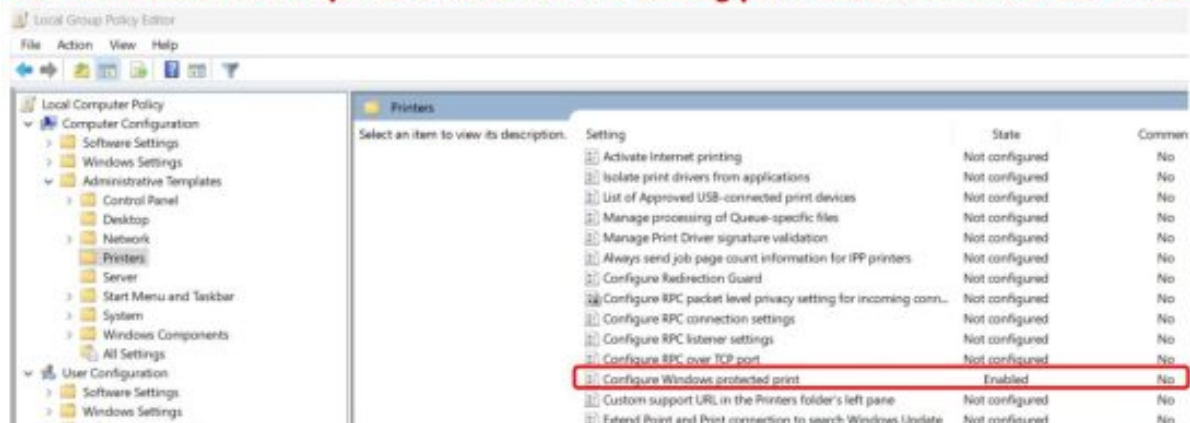
Select Enable then Apply and OK to Register the change.



After selecting OK you will see the status change to Enabled

The Windows 11 PC requires a restart before adding print devices or errors will occur!

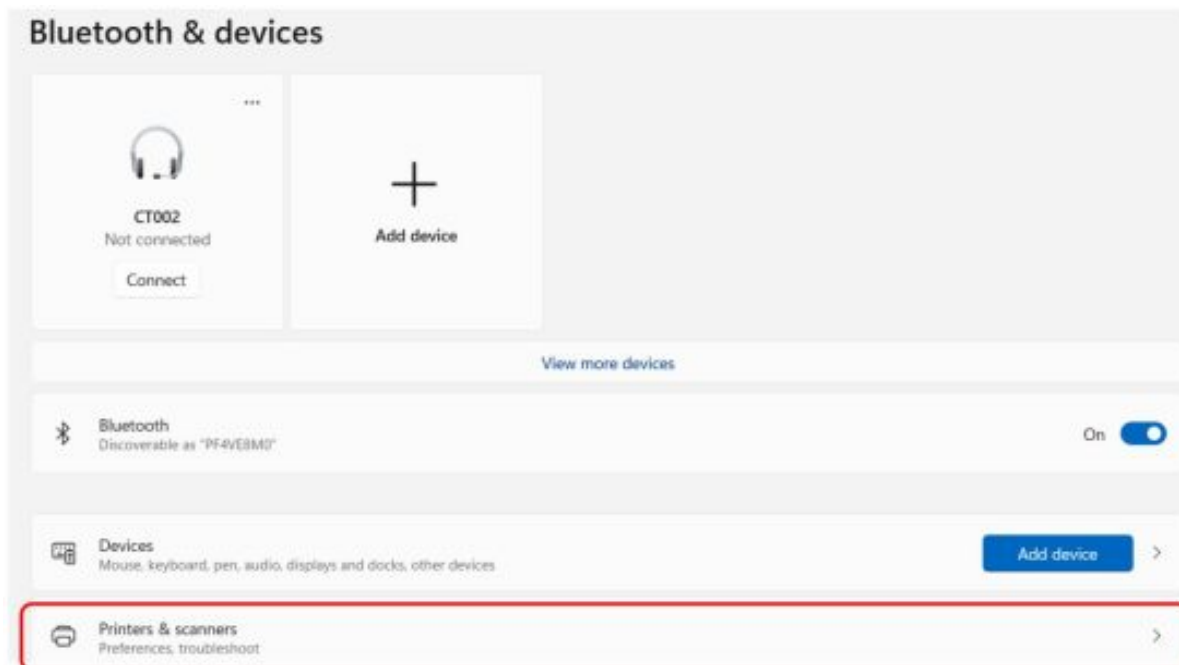
The Windows 11 PC requires a restart before adding print devices or errors will occur!



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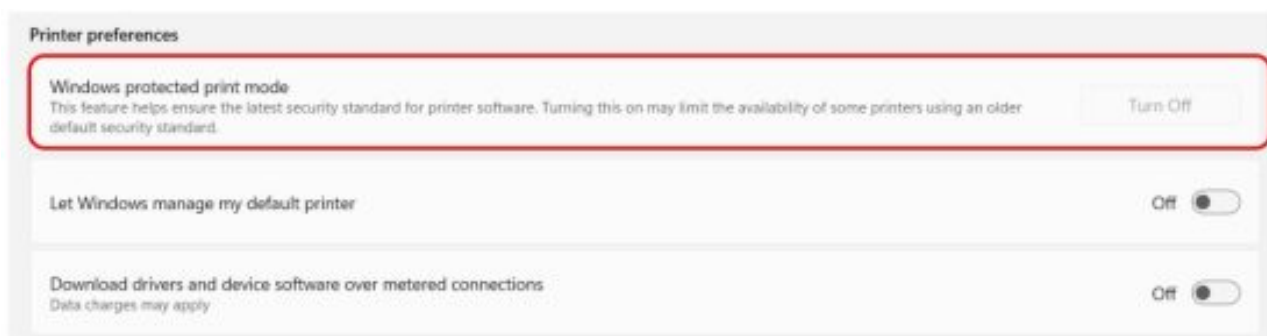
Confirming Windows Protected Print Mode is enabled

After you have restarted your Windows 11 PC , to ensure WPP was activated unders settings go to Bluetooth and Devices the select Printers and Scanners



You will see Windows Protected Print Mode

(Since we had WPP setup through Logical Group Policies, user will not be able to disable the mode from this screen to ensure they are WPP compliant)

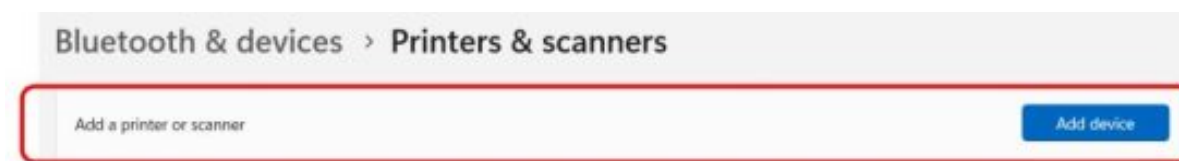


Setup the Printer/MFP

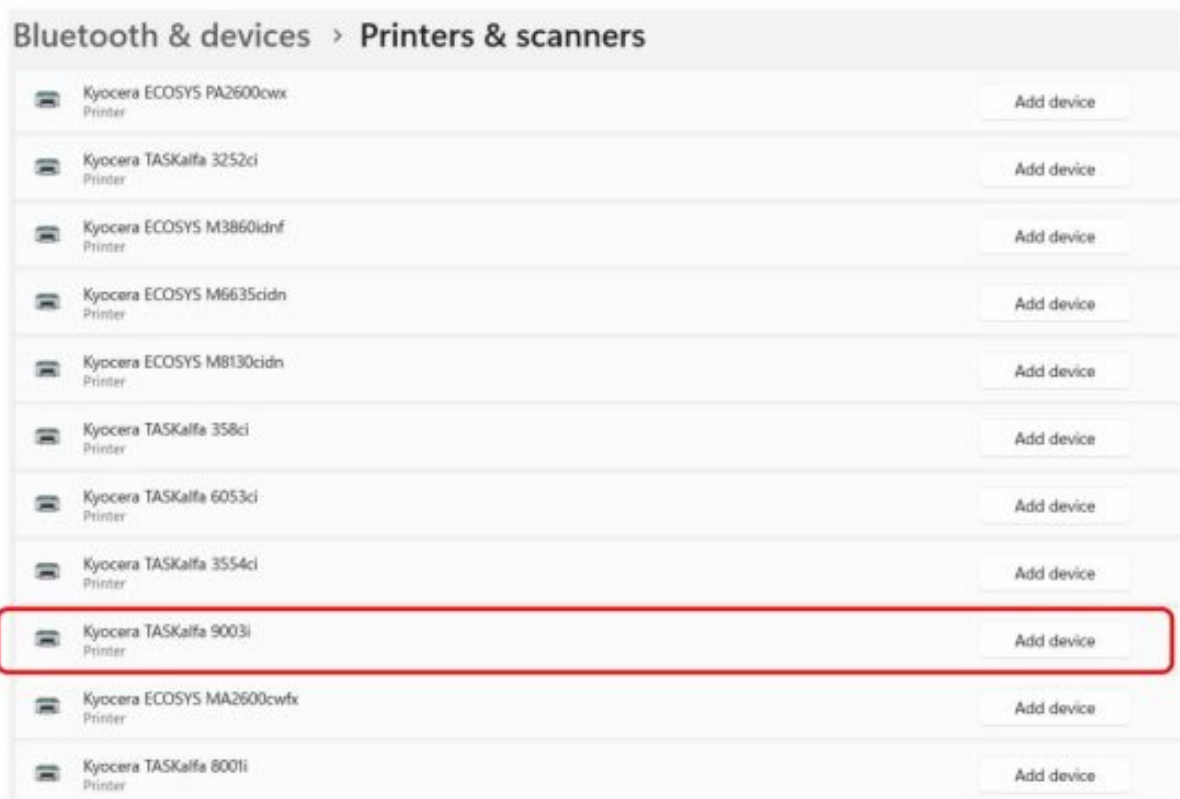
Ensure at this time that print devices being configured for WPP are active on the network with an on-line status and can communicate with the PC's being configured.

(Can be accomplished from the Command Prompt, Ping the printers that will be set-up)

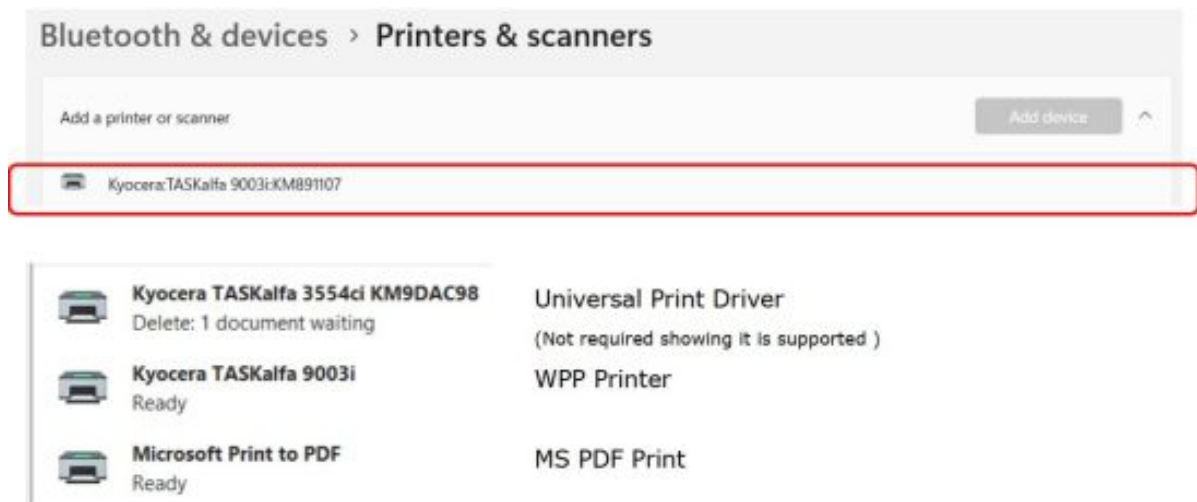
Under "Setting" select Bluetooth & Devices then Printers and Scanners next add devices.



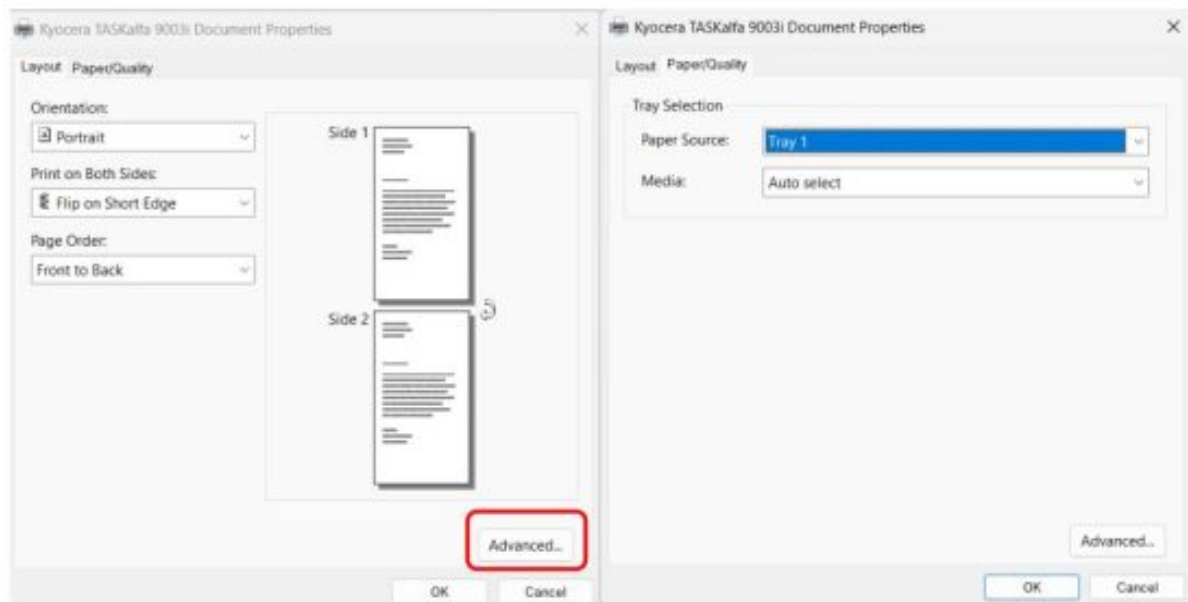
WPP will scan the network for Print and scan device to add to the Windows 11 PC.



Windows will automatically create the Printer, build the driver and configure the hardware options for the device. The Print Device will appear as the model and host name

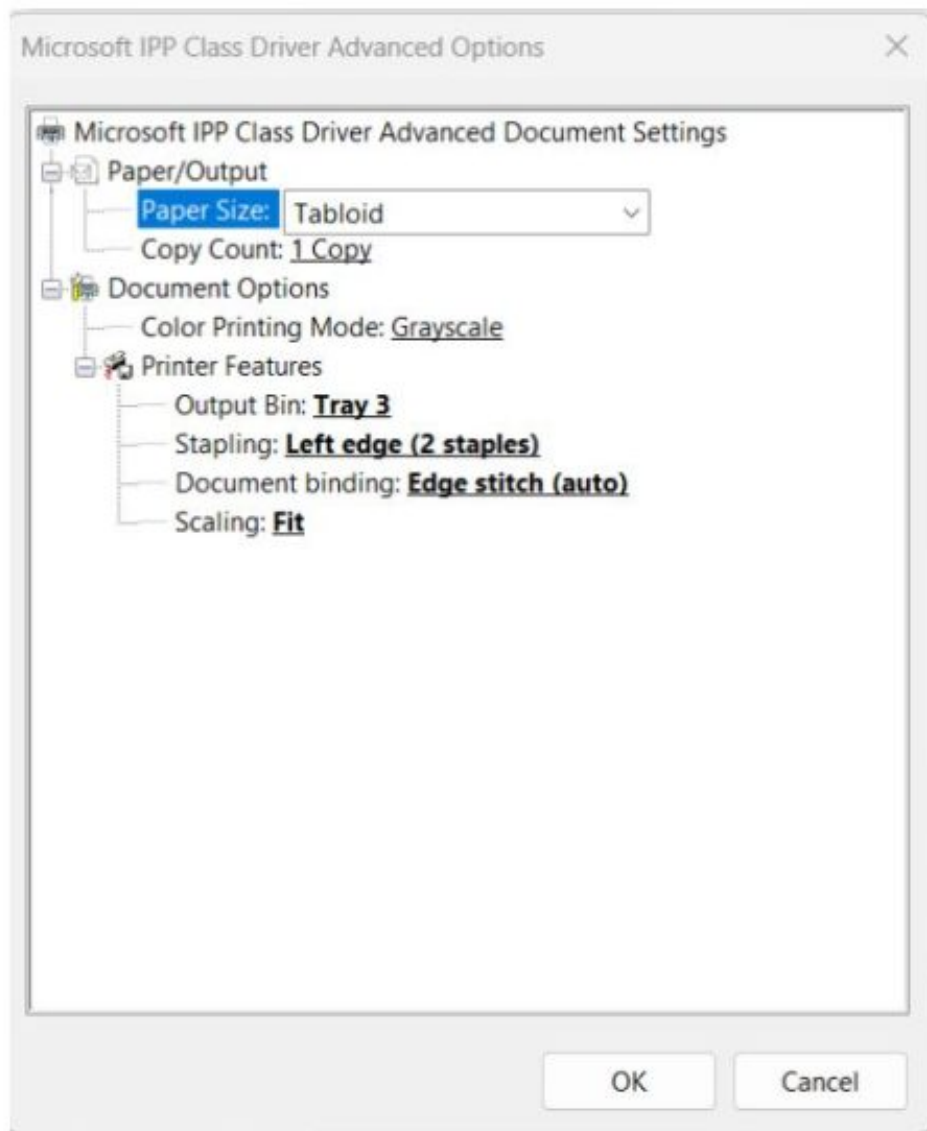


WPP Windows 11 User Graphics interface for Printer.
Default initial screen offerings with Advanced Key output options.



Advanced features offers:

- 29 different paper sizes
- All Cassette options
- Copy Counts to 9999
- Color and B&W Print Modes
- Finishing Features
 - o Stapling/Hole Punch
 - o Binding (Booklet)
 - o Output Trays
 - o Scaling



Clients utilizing WPP will require less management of the print system workflow management because of the integration of the printer profiles inside Windows 11.



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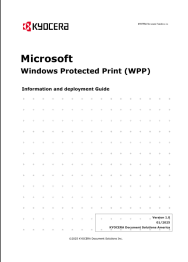
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[For MF communications, please consult with your internal risk or legal teams as to what additional language is appropriate.]

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References

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