



Printer Driver sharing - Windows Updates

Solution for Printer Sharing issues after Windows update (KB5005652)

The diagram illustrates the process of sharing a printer driver. On the left, a "Print Server" is shown with a monitor and a printer. A blue arrow points from the server to a "Client Computer" on the right, which is labeled "(Windows update KB5005652)". The client computer also has a printer and a green checkmark in a circle, indicating that the driver has been successfully installed or shared.

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Many customers have recently experienced problems with sharing out the printer driver or updating the shared-out printer drivers. The following article provides a **solution** and **workaround** for the problem.

Windows updates (**KB5005652**) require administrative privileges by default to install printer drivers, including shared printer drivers. The updates were intended to fix the [CVE-2021-34481](#) security vulnerability.

To attach the shared printer on the client manually to an updated system, please follow these steps:

1. Log in to the client as an Administrator
2. Copy the driver package from the Print Server to any directory on the client.
The driver package can be found on the server in the folder where the Printer Driver is installed.
By default, that folder is:
c:\Program Files\Black Ice Software LLC\Color Printer Driver\Driver\

3. Right-click on the BlackIceColorDesktop.inf file and click **Install**.
4. Log in as the user who will use the Printer.
5. Browse to the Print Server in File Explorer.
6. Right-click on the shared printer and click **Connect**.

If the clients are in the same domain, you can use Group Policy to attach the shared printers. For more information, please see our online manual [here](#).

As a workaround, it is also possible to allow users to install printer drivers by setting the following registry key to 0 on the client system:

```
HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows  
NT\Printers\PointAndPrint\RestrictDriverInstallationToAdministrators
```

Please note that setting the RestrictDriverInstallationToAdministrators key to 0 also requires administrative privilege and makes the system vulnerable to the [CVE-2021-34481](#) security vulnerability.

It is not possible to set the RestrictDriverInstallationToAdministrators registry key if the following Group Policy is enabled:

Computer Configuration > Administrative Templates > Printers > Limits print driver installation to Administrators

For more information, please see the article from Microsoft [here](#).

A list of some recent improvements to the Printer Driver can be found below:

DATE : 02-01-2023

Version : 17.32 (revision: 2960)

- Stability improvement for the Merge Window in the TIFF/Monochrome printer drivers (#16187)
- Made some of the licensing related error messages clearer (error 35) (#15890)
- Stability improvement for starting the Print Spooler service after installing the Printer Driver using the MSI installers (#16173)
- Writing the Print Spooler status to the Printer Driver MSI installer logs at the end of installation (#16173)
- Updated eLicense.dll to version 6.34.310

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