

# Software Developer's Kit for Virtual PDF Printer

## Virtual PDF Printer SDK

### 1. Virtual PDF Printer silent installation program

The standard Virtual PDF Printer installation program has an installation wizard. For licensed developers, we provide them a special installation program, which is completely silent. With only an execution or call from scripts, father process and etc., Virtual PDF Printer will be installed without the interaction of users or developers.

The special installation program is not available for download from the Internet. After you purchase a developer's license, you will get the special version from email attachment.

### 2. Virtual PDF Printer core driver

The core driver files can be acquired in a .zip package in DLL forms without an installer. And they are not available for download from the Internet. The reason why we distribute core driver files is that some developers request that they can install drivers themselves. After you purchase a developer's license, you will get the .zip package from email attachment.

### 3. Printer driver universal installer

The core driver files should be installed with a special installer. However, a much widely used universal installer to install other real printer drivers is provided. After you purchase a developer's license, you will get the universal installer as well as the installer used in Virtual PDF Printer from email attachment.

### 4. Development Interface for developers

The following settings in the registry hive control the behavior of Virtual PDF Printer. Before you decide whether to purchase a developer's license of Virtual PDF Printer or not, you may control Virtual PDF Printer programmatically by yourself to evaluate the features of Virtual PDF Printer.

#### ▶ PDF Automatic Output

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

#### ▶ AutomaticOutput

Type: DWORD

Function: Enable or disable Automatic Output feature

Value: 0 Disable Automatic Output (Default)

1 Enable automatic output with confirmation when destination file already exists

2 Disable automatic output while keeping the setting of no confirmation when overwriting

3 Enable automatic output with overwriting without confirmation

▶ AutomaticOutput

Type: DWORD

Function: Specify the absolute path for generating PDF files by using Automatic Output feature

Value: C:\DOC2PDF (for example)

▶ PDF Summery Information

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ Author

▶ Title

▶ Subject

▶ Keywords

Type: String

Function: Control the summery information of the PDF document to be generated

▶ PDF Password Protection

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ UserPassword

▶ OwnerPassword

Type: String

Function: Add password protection for accessing and modifying the PDF document to be generated

▶ PDF Orientation

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ Orientation

Type: DWORD

Function: Control PDF document orientation

Value: 1 Portrait (Default)

2 Landscape

▶ PDF Resolution

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ Resolution

Type: DWORD

Function: Control PDF document resolution

Value: 0 72 dpi

- 1 144 dpi
- 2 288 dpi
- 3 300 dpi
- 4 600 dpi (Default)
- 5 1200 dpi
- 6 2400 dpi
- 7 2540 dpi (maximum resolution)

▶ PDF Image Quality

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ PrintingQuality

Type: DWORD

Function: Control PDF document resolution

Value: 1 Worst

128 Better

255 Best

▶ PDF Compatibility

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ Compatibility

Type: DWORD

Function: Control PDF document compatibility

Value: 0 PDF 1.3 Standard (Acrobat 4.x)

1 PDF 1.4 Standard (Acrobat 5.x)

1 PDF 1.5 Standard (Acrobat 6.x)

▶ PDF Paper Size

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ PaperHeight

▶ PaperWidth

Type: DWORD

Function: Control PDF document paper size in millimeters

▶ PDF Paper Type

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ PaperType

Type: DWORD

Function: Control the paper type of PDF document by using the predefined template

Value: 0 Not predefined

1 Predefined

Letter 215.9"x279.4"  
Legal 215.9"x355.6"  
Executive 184.1"x266.7"  
Ledger 355.6"x215.9"  
Tabloid 279.4"x431.8"  
Screen 254"x190.5"  
A3 297"x420"  
A4 210"x297"  
A5 148"x210"

▶ PDF Paper Size Measuring Unit

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ Unit

Type: DWORD

Function: Set the paper size of PDF document using different measures

Value: 0 In Pixels / Points

1 In Millimeters

2 In Inch

▶ Virtual PDF Printer Driver Information

Registry Hive Key:

HKEY\_CURRENT\_USER\Software\WonderSoft\VirPRN

Registry Key Value:

▶ ProductName

▶ Version

Type: String

Function: Virtual PDF Printer Driver Information

## 5. How to setup Virtual PDF Printer as a default printer

Our installer program enables developers to install Virtual PDF Printer easily without specific knowledge of PDF Writer driver development. We provide technical support for those developers who wish to setup Virtual PDF Printer as a default printer programmatically in various programming languages.

## 6. How to purchase Virtual PDF Printer Developer's License

Please visit Wondersoft website for more information,

<http://www.go2pdf.com/developer.html>

Or contact us via email,

[go2pdf@go2pdf.com](mailto:go2pdf@go2pdf.com)

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