RICOH

Web Enablement Solutions Suite

PS2PDF User's Guide

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Using the PS2PDF Transform 2

Version 1.3

For information not in this manual, refer to the Help System in your product.

Read this manual carefully and keep it handy for future reference.

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Introduction

Important

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this product, losses of documents or data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of important documents or data. Documents or data might be erased due to your operational errors or malfunctions of the software. Also, you are responsible for taking protective measures against computer viruses, worms, and other harmful software.

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Cautions regarding this guide

- Some illustrations or explanations in this guide could differ from your product due to improvement or change in the product.
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Publications for the Web Enablement Solutions Suite

This section provides a list of all the publications for the Web Enablement Solutions Suite transforms.

Instruction manuals

- **AFP2PDF PLUS**
  For information about AFP2PDF PLUS, see these documents:
  - *AFP2PDF Plus User Guide - 1.300*
  - *AFP2PDF Plus Quick Start Guide*
  - *AFP2PDF Plus Setup Guide 1.300*
  - *AFP2PDF Plus Release Notes 1.300*
  - *AFP2PDF Plus - Summary of Updates*
- **AFP Visual Environment**
  For information about AFP Visual Environment, see these documents:
  - *AFP Visual Environment User Guide 6.6*
  - *AFP Visual Environment Release Notes 6.6*
  - *AFP Visual Environment 6.6 Limitations List*

- **AFPMerge**
  For information about AFPMerge, see these documents:
  - *AFPMerge User Guide 3.3*
  - *AFPMerge Release Notes 3.3*
  - *AFPMerge 3.3 Limitations List*
- **Line2PDF Plus**
  For information about Line2PDF Plus, see these documents:
  - *Line2PDF Plus User's Guide 1.3*
  - *Line2PDF Release Notes 1.3*
  - *Line2PDF Plus 1.3 Limitations List*
- **PCL2PDF**
  For information about PCL2PDF, see these documents:
  - *PCL2PDF 1.3 User's Guide*
  - *PCL2PDF 1.3 Release Notes*
  - *PCL2PDF 1.3 Limitations List*
- **PS2PDF**
  For information about PS2PDF, see these documents:
  - *PS2PDF 1.3 User's Guide*
  - *PS2PDF 1.3 Release Notes*
  - *PS2PDF 1.3 Limitations List*
- **Tiff2PDF**
  For information about Tiff2PDF, see these documents:
  - *Tiff2PDF Plus User Guide 1.3*
  - *Tiff2PDF Plus Release Notes 1.3*
  - *Tiff2PDF Plus 1.3 Limitations List*

Symbols

The following symbols are used in this manual to help you to identify content quickly.

Important

- This symbol indicates points to pay attention to when using the product. Be sure to read these explanations.

Note

- This symbol indicates helpful supplementary information that is not essential to completing a task.

Bold	**Bold type** indicates the names of commands and parameters.
Bold underline	**Underlined bold type** indicates the default value.
Italic	*Italic type* indicates variables that you must replace with your own information.
`Monospace`	`Monospace type` indicates computer input and output and file names.
[]	Square brackets indicate that a value is optional.
|	A vertical bar indicates a choice between values.
...	An ellipsis indicates that a series can continue.

Abbreviations

EPS

Encapsulated Postscript

PDF

Portable Document Format

PS

PostScript

Trademarks

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- AIX
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The proper names of the Windows operating systems are as follows:

- Windows 10:

Microsoft Windows 10 Pro

Microsoft Windows 10 Enterprise

- Windows Server 2016:
  Microsoft Windows Server 2016 Standard

1. Overview

- **Benefits**
- **Requirements**
- **Limitations**

The PS2PDF transform converts PostScript and Encapsulated Postscript(EPS) files into Adobe Acrobat Portable Document Format (PDF) files.

Benefits

The PS2PDF transform gives you these benefits:

- The product is available on a wide selection of supported operating systems, like Windows and AIX.
- The client has the option to set encryption on resulted PDF that limits user's ability to print, modify or copy content using Adobe Acrobat or Adobe Reader.
- The client has the option to set linearization for the output PDF file.

Requirements

Transform client requirements:

- Microsoft Windows Server 2016 Std.
- Windows 10 Pro, Enterprise
- IBM AIX 7.1 or later

End-user client requirements:

- Adobe Acrobat
- Acrobat Reader

Limitations

The current limitations with the PS2PDF transform include:

- Encryption method revision number is V2 from PDF reference documentation.
- Permissions apply correctly when both owner and user passwords are specified.
- Linearization is incompatible with producing an encrypted (password protected) PDF file. Linearization is ignored when used together with encryption.

2. Using the PS2PDF Transform

- **Command syntax**
- **Parameters**

The PS2PDF transform consists of a command-line interface and multiple configurable parameters.

Command syntax

The syntax for the ps2pdf client command is::

```
ps2pdf.exe <-a perms> <-l> <-o pw> <-p size> <-u pw>input_fn <output_fn>
```

Parameters

The following parameters are required:

-a *perms*

Encryption permissions pcsa (p: no printing, c: no changes, s: no selection, a: no adding notations).

-l

Linearize PDF.

Note

- This parameter is used without any encryption parameters.
- The Acrobat user interface refers to this as 'Optimised for Fast Web Viewing'.

-o *password*

Encryption PDF Owner Password.

Note

- This parameter is used only with the **-u** parameter.

-p *size*

Paper size.

Note

- Paper size is affected by this parameter when the paper size value is not specified in the PS input stream.

Paper type	Paper size
letter	8.5in x 11in (default)
ledger	17in x 11in
legal	8.5in x 14in
a4	8.26in x 11.69in
archA	9in x 12in
archB	12in x 18in
archC	18in x 24in
archD	24in x 36in
archE	36in x 48in
a0	33.11in x46.81in
a1	23.39in x 33.11in
a2	16.54in x 23.39in
a3	11.69in x 16.53in
a4	8.26in x 11.69in
a4small	8.26in x 11.69in
a5	5.83in x 8.26in
a6	4.13in x 5.83in
a7	2.92in x 4.13in
a8	2.06in x 2.92in
a9	1.46in x 2.06in
a10	1.01in x 1.46in
isob0	39.38in x 55.67in
isob1	27.83in x 39.38in
isob2	19.68in x 27.83in
isob3	13,90in x 19.68in
isob4	9.85in x 13,90in
isob5	6.93in x 9.85in
c0	36.10in x 51.07in
c1	25.51in x 36.10in
c2	18.03in x 25.51in
c3	12.75in x 18.03in

c4	9.01in x 12.75in
c5	6.38in x 9.01in
c6	4.49in x 6.38in
jisb0	40.56in x 57.32in
jisb1	28.67in x 40.56in
jisb2	20.28in x 28.67in
jisb3	14.33in x 20.28in
jisb4	10.13in x 14.33in
jisb5	7.17in x 10.13in
jisb6	5.04in x 7.17in

-u *password*

Encryption PDF User Password.

Note

- This parameter is used only with the **-o** parameter; otherwise, **a** permissions are not applied.

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