

# IBM Print Transform from AFP to PCL for Infoprint Server for z/OS Version 1 Release 1, Program Number 5655-TF2

IBM<sup>®</sup> Print Transform from AFP to PCL for Infoprint Server for z/OS<sup>®</sup> transforms documents from Advanced Function Presentation (AFP) format to HP Printer Control Language (PCL) 5, 5c, and 5e data streams.

Documents in AFP format can contain:

- Mixed Object Document Content Architecture for Presentation (MO:DCA-P) data.
- Support both 240-pel and 300-pel raster fonts
- Convert outline fonts to raster fonts
- Support Barcodes

This product is for customers who want to distribute output from existing AFP applications to LAN-attached PCL printers.

## Compatibility

IBM Print Transform from AFP to PCL for Infoprint Server for z/OS is a new offering designed to work with Infoprint Server for z/OS V1.10 and above.

# Limitations

IBM Print Transform from AFP to PCL for Infoprint Server for z/OS does not support these fonts:

- Double-byte character set (DBCS) fonts
- TrueType fonts
- OpenType fonts
- Printer-resident fonts

Other limitations might apply. For information about the limitations, see the documentation for IBM Print Transform from AFP to PCL for Infoprint Server for z/OS

# Specified operating environment

#### Hardware requirements

- IBM Print Transform from AFP to PCL for Infoprint Server for z/OS can be installed on IBM eServer<sup>™</sup> zSeries<sup>®</sup> processors including z900, z990, z800, or equivalents.
- Output transformed to PCL can be printed on printers that support PCL5, PCL5c, or PCL5e.

#### Software requirements

- z/OS Version 1 Release 10 or higher.
- The Infoprint Server feature of z/OS with all current service applied.
- The SMP/E element of z/OS to install IBM Print Transform from AFP to PCL for Infoprint Server for z/OS.

- AFP Font Collection Version 1 (5648-113) or Version 2 (5648-B33), which contains 300-pel raster fonts and outline fonts. (If your installation has only 240-pel font libraries, you can use the AOXCF30 program to scale 240-pel fonts to 300-pel fonts.)
- Sonoran Equivalent Fonts PRPQ 8A5061 (5799-FLK) if documents contain Sonoran Serif or Sonoran Sans Serif fonts.
- An AFP page definition, form definition, and font for formatting transform error messages.
- AFP resources that are not included inline in the AFP documents.

# Licensed program materials availability

Restricted materials - No. This licensed program is available without source licensed program materials. The program is available in object code.

# Supplemental terms

### **Designated machine identification**

Designated Machine Identification Required: Yes

## **Testing period**

None

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- Freetype2 API Version 2.3.4
- Libtiff Version 3.7.1
- Libpng Version 1.2.8
- LIBJPEG Version 6b
- zLib Version 1.1.3

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#### Acknowledgements

The libtiff software was written by Sam Leffler while working for Silicon Graphics. The LZW algorithm is derived from the compress program (the proper attribution is included in the source code). The Group 3 fax stuff originated as code from Jef Poskanzer, but has since been rewritten several times. he latest version uses an algorithm from Frank Cringle -- consult libtiff/mkg3states.c and libtiff/tif\_fax3.h for further information. The JPEG support was written by Tom Lane and is dependent on the excellent work of Tom Lane and the Independent JPEG Group (IJG) who distribute their work under friendly licensing similar to this software. Many other people have by now helped with bug fixes and code; a few of the more persistent contributors have been:

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(my apology to anyone that was inadvertently not listed.)

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Glenn Randers-Pehrson glennrp at users.sourceforge.net November 6, 2007

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