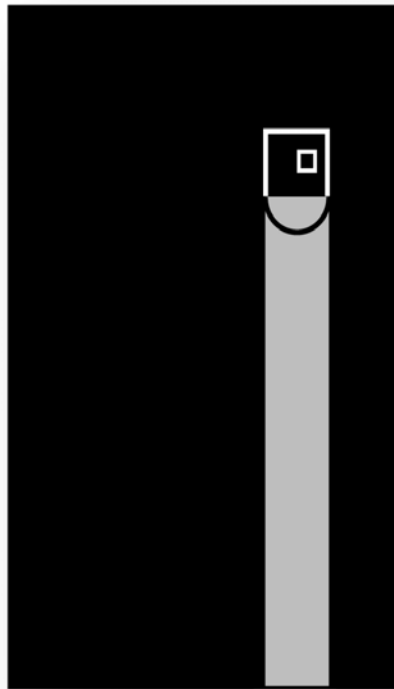


ACM 1.05 announcement

New Mainframe Software **AFP Conversion Module 1.05**

"Mainframe batch AFP2PDF conversion"



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ACM 1.05 Announcement

The successor for ACM 1.04 is now available.

AFP Conversion Module™, ACM is a mainframe batch AFP to PDF conversion solution. z/OS data sets (z/VM: CMS files) serve as input and output sources respectively, to make application integration easier.

ACM allows batch conversion of the host data as well as integration with existing applications via interim data sets on disk or virtual storage.

More information can be found here:

www.mpitech.com/mpitech.nsf/pages/afp-conversion_module_en.html

Key Features for ACM 1.05

- ✓ Compliant with all z/VM levels
- ✓ Input/Output via CMS filesystem (z/VM)
- ✓ Compliant on all z/OS and OS/390 levels
- ✓ Input/Output via z/OS dataset
- ✓ Input format in AFP, XML and Line Data
- ✓ Support for outline fonts
- ✓ Output PDF and PDF/A with or without encryption
- ✓ Output in PCL and Postscript as optional

ACM 1.05 accumulates the delivered bug fixes from ACM 1.04 thereby improving the stability and performance of the application.

ACM 1.05 is available from June, 23 2010

Important dates

ACM 1.04 will be withdrawn from marketing. MPI Tech will maintain support and warranty service on ACM 1.04 for customers holding valid maintenance until end of December 2010. However, any further development and enhancements will be performed on ACM 1.05. Customers holding maintenance will be offered ACM 1.05 for any corrective action.

Upgrade for current users

Current users of ACM holding a valid maintenance contract will be offered a free upgrade to ACM 1.05 with similar options. ACM 1.05 can be installed 'on top' of the already running ACM installation hereby maintaining existing printer definitions and configurations. Upgrade to version 1.05 will require a new license key for the installation.

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ACM 1.05 features the following new functions

PDFLEVEL = PDF14 | PDFA1B

The PDF Formatting LANGUAGE LEVEL is used to define the PDF Language Level used for output. PDFA1B: the output will be PDF/A according to the ISO-19005 standard.

IMAGE= 300 | 600 | INPUT

Description This keyword is for PostScript and PDF data streams only. It is used to define if bilevel images should be scaled by system or by the printer/Adobe reader.

Notes INPUT indicates that the printer/Adobe reader should scale the bevel images.
When Image scaling is set to INPUT, system will send the image to the printer/Adobe reader in the resolution from the input data stream.
This option is recommended for PDF output.
300 and 600 indicate that system should scale the bilevel images to 300 DPI or 600 DPI.
These options are recommended for PostScript output. Be aware that 600 DPI will decrease the performance.

DENSITY= HIGH | LOW | USER | XHIGH | XLOW | XUSER (X parms are new)

Description Sub-parameter used with color output to adjust the quality of color bit image output.
This value will only be used for color or gray scaled pictures if COLOR=YES is specified.

Notes A setting of HIGH, LOW or USER indicates that color image output will be stored internally in a 150 DPI buffer.
When RGB bitmap are generated (PCL5 printers), a setting of HIGH will produce an output image of 150 DPI.
This value produces good quality output for photos; however the size of the generated data stream is large.
Use the LOW option to print in 75 DPI and generate a smaller data stream.
When ACM outputs JPEG image (PostScript or PDF), a setting of HIGH uses a quantised table of 75% and LOW uses a quantised table of 50%.

When USER is specified, ACM uses the quantised table from the input JPEG image or when other types of image than JPEG are used, a quantised table of 100% is applied.

A setting starting with X (XHIGH, XLOW or XUSER) indicates that color image output will be stored internally in a 300 DPI buffer.
It will give a better result of the final picture, but 4 times more memory is used. The output will also grow by a factor of 4.

When ACM outputs RGB bitmap, XHIGH and XUSER output in a resolution of 300 DPI and XLOW outputs in 150 DPI.

When ACM outputs JPEG image, XHIGH uses a quantised table of 75% and XLOW uses a quantised table of 50%.

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If XUSER is specified, ACM uses the quantised table from the input JPEG image, for non JPEG images a quantised table of 100% RGB bitmap is used when output is PCL5.

When output is PDF or PostScript JPEG will be used.

On monochrome PCL printers the picture will be gray scaled and the output will be a 300 DPI bitmap.

On monochrome PostScript printers the picture is stored internally in the same way as a color picture, but only in gray samples, and the output will be a gray scaled JPEG image.

On older color printers the picture will be dithered by ACM and the output will be in 7 planes of 300 DPI bitmap.

This setting can be used together with BRIGHTNESS, SATURATION and CONTRAST to adjust the color settings for an individual printer.

Support for new Bar Codes

QR Bar Code

USPS Four State

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