

AFP2PDF Transform

Highlights

- Leverages the benefits and advantages of AFP, protects your significant investment on AFP, enables your business to grow and thrive consistently
- Empowers you to instantly transform and deliver the billing statements to your customers with significant cost savings
- Accurately and efficiently transforms your AFP to PDF with the highest fidelity & speed
- Supports the latest advanced AFP features, such as full color, using data-object containers (GIF, JPEG, TIFF, PDF) directly in AFP
- Supports complex AFP documents encoded in a variety of text encodings, such as ASCII, EBCDIC, DBCS-PC, DBCS-HOST, UTF-8 and UTF-16
- Substitutes the legacy AFP FOCA fonts with TrueType/ OpenType fonts and able precise control text width
- Extract index data from AFP indexes or on-page contents, for PDF bookmarking or splitting
- Supports PDF encryption, by the owner and user-open password protection and digital signatures
- Provides graphical user interfaces to help you quickly define the font and resources mappings, watermarks and templates
- Designed to integrate easily with your mission-critical document delivery systems and document archiving systems

Documents On-Demand

Presenting e-Statements statements on-demand via internet is your efficient, cost-effective route to expand your business and enhance the communication with your customers, allowing them to access and view statements and invoices online when and where they want instantly, you can gain a much better competitive, customer relationships and satisfaction, adherence to legal regulations, yet generating significant cost reductions.

AFP2PDF Transform empowers you to quickly migrate to electronic delivery of statements, invoices and documents in secured PDF format, so your customers can easily and quickly search and retrieve the information they want within the multi-page PDF document.

Business Protection

AFP2PDF leverages the benefits and advantages of AFP, an industry-standard high performance open presentation architecture for statements and documents, protects your significant investment on AFP, enables your business to grow and thrive consistently.

AFP2PDF Transform supports 40-bit, 128-bit and 256-bit encryption, as well as high security protection with a user-supplied digital signature, boosting your PDF document security by defining an owner password to control whether or not an end user can modify the document's contents, copy text or graphics from the document, add or modify text annotations or print the document, and you can also specify an end-user password, only the authorized user can open the document.

Productivity and Accuracy

Inherits the advantages and capabilities of the most powerful MakeAFP Viewer, AFP2PDF accurately and efficiently transforms your existing AFP data stream streams into PDF with the highest fidelity in extremely fast performance.

Whatever your needs, AFP2PDF provides a flexible solution that is typically up to 20 times faster than competitive products, with the highest transformation quality.

AFP2PDF uses sophisticated object-to-object transformations that deliver the highest fidelity and the smallest PDF data stream, empowering your organization and your customers to achieve the best performance with PDF document delivering, archiving, retrieving and viewing.

Easy Integration

With the AFP2PDF Transform, you can quickly enable electronic delivery with very minimal changes to your existing production environment, significantly simplify and streamline the documents management and deliveries throughout your enterprise.

AFP2PDF Transform is designed to integrate easily with your mission-critical document delivery systems and document archiving systems, such as IBM Content Manager OnDemand, provides both command line interfaces and APIs in C/C++, C#, Java and VB.NET, to manage the workflow operations of documents transformation.

The multi-threaded Transform Server supports the full automation of simple and complex production transforms.

AFP2PDF Transform at a glance

High Performance and PDF Encryptions

- Extremely fast AFP to PDF transform speed
- Able to achieve AFP to PDF transformation speed of more than 30,000 PPM with a single PDF output file, and more than 20,000 PPM with multiple PDF output files by per page-group splitting
- Supports 40-bit, 128-bit, and 256-bit PDF encryption, as well as high-security protection with a digital signature

AFP Font, AFP codepage and PDF Fonts

- Supports AFP using TrueType /TrueType Collection/OpenType Fonts directly
- Support substitution of the legacy AFP bitmap and outline fonts with the new generation of TrueType/OpenType fonts and able to precisely control text width
- Supports PDF font sub-setting
- Transforms AFP legacy outline/bitmap fonts to Type-1/Type-3 PDF fonts dynamically, able to handle AFP texts encoded in the custom non-standard 1-byte/2-byte encoding
- Supports new AFP Extended codepage (ECP) to quickly map the user-defined custom glyphs

AFP Texts and Indexes

- Supports AFP texts encoded in ASCII, EBCDIC, DBCS-PC, DBCS-HOST and UTF-8/UTF-16, and rotated texts
- Imports AFP page-group level indexes or IBM generic indexes as the PDF bookmarks or splitting PDF pages by per page-group
- Extracts AFP page-group level indexes as CSV format files for repurposes, such as the integrations with your content management systems

AFP Page Segments, Data-Object Containers, overlays, and Color Space Conversion

- Able to convert AFP RGB colors to PDF CMYK colors by using an ICC profile, or by the default formula to reduce color printing costs
- Supports legacy AFP page segment monochrome images in FS10, FS11 formats and color images in FS42, and FS45 formats
- Supports new generation of data-object containers, such as PDF, GIF, JPEG, and TIFF images
- Support image and overlay substitutions with the better quality color image or AFP overlay for the smaller PDF size and better presentation quality
- Converts objects in high performance and high color fidelity by the ICC profile-based color management
- Able to transform color images to RGB mode for the e-Statement requirements, or retain image original color space for the production high-speed printing
- Supports PDF monochrome image in JBIG2 compression, provides the best for efficient bi-level image compression, and reduces PDF 1-bit image size significantly

AFP Vector Graphics and Legacy Shadings

- Fully supports AFP GOCA vector graphic drawing
- Supports legacy lines, boxes, and shading patterns LED, SCREEN, and STANDARD
- Able to transform AFP legacy shading patterns to the solid grayscale color, user specifying specific color, optimized PDF shading pattern, or still in AFP original shading pattern, with small and high-quality PDF streams

AFP BCOCA Barcode Support

- Supports all types of linear 1D barcodes defined in the latest AFP BCOCA standard
- Supports 2D barcodes defined in the latest AFP BCOCA standard, such as Aztec, DataMatrix, MaxiCode, PDF417, and QRCode

PDF Splitting, Bookmarks, Watermarks, Static Images and Overlays

- Splits PDF documents by the AFP page-group level indexes, able to suppress blank pages
- Generates the PDF page-group level bookmarks by AFP indexes
- Supports text watermarks, and BMP, GIF, JPEG, PNG, TIFF, AFP page segment images, AFP overlays, or PDF pages, as the watermarks, static images, and overlays

GUI Tools

- Quickly defines the resource mapping and font mapping from the legacy AFP bitmap/outline to OpenType/TrueType fonts
- Quickly imports the resource list and AFP font list from the AFP file, to assist you to define the resource substitution and font mapping
- Quickly defines the font typeface, size, style, and color of the text watermarks
- Quickly defines the image watermarks, static images, and overlays

Integrations

- Provides command-line interfaces
- Provides APIs in C/C++, C#, and Java, to transform AFP from a file or memory buffer

Transform Server

- Fully automates the mission-critical production transformations
- Multi-tasking high-speed transformations from AFP to PDF
- Auto pulls multiple input hot-folders and output to multiple folders
- Auto splits PDF documents into the dynamic output folders, according to the system date, time, and the value strings of AFP group-level indexes

Prerequisites

- 64-bit Windows or Linux platforms
 - Recommended Computer hardware: Above 16 GB memory
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