

# AFP CONVERSION MODULE

Part of the Scop Software Suite

## Mainframe batch and on-the-fly AFP2PDF conversion

**AFP Conversion Module™, ACM converts AFP to PDF on the mainframe as a batch module. The file-to-file input-output process makes application integration easier. AFP Conversion Module also includes on-the-fly conversion for single files.**

### Web enabling your host data

Making host data available to the Internet is a key element in the on-going host to Internet integration efforts. It is most important that the solution fits the Internet user environment, even when the data is stored on the host server.

### Batch convert large AFP jobs to PDF

AFP Conversion Module converts the large and small AFP print jobs into PDF and splits the output by pre-set parameters. This feature is used by banks and other customers seeking to reduce the printed paper volumes while adapting to their customers wish for electronic communication.

### On-the-fly AFP to PDF conversion

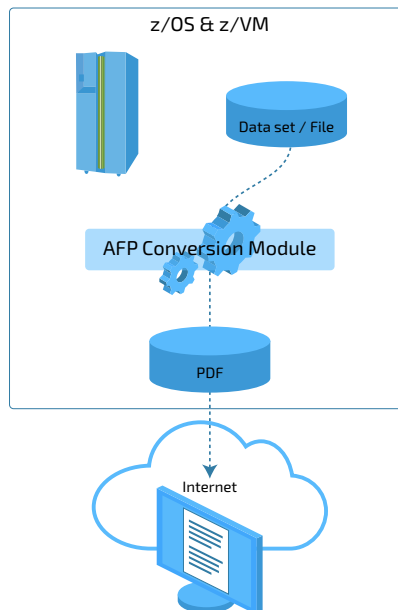
AFP Conversion Module can run inside the CICS region and perform instant AFP2PDF conversion of single documents from applications running inside the CICS region.

### Ready for AFP/Archive (AFP/A) ISO standard

ACM is prepared to support the new AFP/Archive (AFP/A) standard. ISO 18565:2015 specifies the AFP document architecture by defining a subset appropriate for long-term preservation and retrieval of documents and resources. The subset assures page independence and eliminates the use of resolution dependent fonts and images, device default fonts and external resources.

### Multiple output options

ACM uses the market standard formats AFP and PDF as the common platform and the generally available tool Adobe Acrobat Reader for data handling and viewing on the client. Document fidelity is ensured throughout the process, i.e. the output is a true AFP document.



### Key features

- ✓ Compliant with all z/OS® and z/VM® levels
- ✓ AFP to PDF batch conversion of large jobs
- ✓ On-the-fly conversion of AFP to PDF for applications running inside the CICS region
- ✓ Ready for AFP/Archive (AFP/A) ISO standard
- ✓ Input/Output via CMS filesystem (z/VM®)
- ✓ Input/Output via z/OS® data set
- ✓ Input format in AFP, XML and Line Data
- ✓ Support for outline fonts
- ✓ Output PDF and PDF/A with or without encryption
- ✓ Optional output to PCL and Postscript

AFP2PDF conversion is the standard process, however, AFP2PCL and AFP2PS (PostScript) conversions are also available as optional features.

## User friendly storage and access

ACM stores the PDF output in an z/OS® data set. The output is delivered independently of your existing applications, thereby providing application integration and new options for web-enabled output delivery. ACM produces a PDF native format, allowing text search etc.

ACM lets you view and print host data output using Adobe Acrobat Reader:

- ✓ PDF native format enables search for strings etc
- ✓ Print of selected pages using the standard Adobe Acrobat Reader functions
- ✓ AFP fonts ensure full AFP print fidelity
- ✓ PDF encryption for full security

The PDF document can be protected against changes using PDF encryption.

## Distributing millions of print jobs with ACM

### AFP Conversion Module generates millions of electronic statements to Danish bank customers.

A bank came to us with the ambition to convert 90% of all customer communication from paper into electronic communication distributed via secure electronic mailbox systems, personal vaults, e-mail and their proprietary home banking system.

This would reduce costs and physical handling and ensure secure delivery of sensitive personal documents. It was of the utmost importance to the bank that the solution chosen would be stable and capable of handling the huge amount of print jobs within a very limited time frame.

AFP Conversion Module was deployed to handle the PDF generation within the bank and across the network of branches and cooperating banks in other countries. ACM converts the AFP print jobs into PDF and splits the output by recipient. The individual PDF documents are then delivered into each recipient's personal vault or mailbox.

Significant time and costs are saved as printing and postage costs have practically been eliminated. And delivery only takes few seconds. The return on investment in ACM was achieved within a few months and is continuing to deliver substantial time, security and cost benefits.

## Technical specifications

### AFP font support

ACM offers a variety of font support features. AFP Raster Fonts and AFP Outline Fonts are supported to ensure full AFP print fidelity. For minimized file size ACM also supports font mapping. Even a mix of included AFP fonts and mapped fonts is possible.

### Full color support

Full color support allows you to generate full color output providing enhanced appearance and quality of existing application data using full color images, combined with colored text, graphics, barcodes, boxes and rulers.

### Application integration

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

### Input Data

**z/OS® data set:**

AFP, XML and line data

**z/VM®:**

CMS files: AFP, XML and line data

### Output Data

- MVS data set or VM/CMS files:
- PDF (Adobe Portable Document Format)
- PDF/A
- Adobe PostScript Level 2
- HP PCL5, 5e, 5c

### System Requirements

- z/OS®
- z/VM®

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D16115-011 November 2015

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